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DEFENSE TECHNICAL INFORMATION CENTER

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14. ABSTRACT
The DTIC Thesaurus provides a basic multidisciplinary subject term vocabulary used by DTIC to index and retrieve scientific and technical information from its various data bases and to aid DTIC's users in their information storage and retrieval operations. It includes an alphabetical posting term display, a hierarchy display, and a Keyword Out of Context (KWOC) display.

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IN REPLY
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DTIC-OCQ

FOREWORD

This seventh edition of the Defense Technical Information Center (DTIC) Thesaurus displays DTIC's controlled vocabulary. This vocabulary is used to index and retrieve DTIC-stored scientific and technical information. It replaces the *DTIC Thesaurus* published in October 1996 (Document AD-A321 038). This document includes a listing of the subject fields and groups as detailed in AD-A172 650, *Subject Categorization Guide for Defense Science and Technology*, and a DTIC Form 325, Posting Term Request Form, to encourage all of our users to submit their ideas for modification to this document.

DTIC's indexing and retrieval terminology is displayed in three ways: an alphabetical display of controlled terms and use references; a controlled term hierarchical display showing generic/specific relationships; and a Keyword Out of Context (KWOC) display which provides an alphabetical entry to the vocabulary on an individual word basis independent of the location of the work within a controlled term. The alphabetic display includes controlled terms and use references. Relationships listed are those of broader terms, narrower terms, and related terms.

This publication provides a basic multidisciplinary subject term vocabulary to be used by DTIC to index and retrieve information from its various databases and to assist DTIC's users in their information and retrieval operations. The information in this thesaurus can be used online when searching any of DTIC's databases over the Web Enabled DROLS (WED). An online version of this document is available at http://dticthesaurus.dtic.mil/servlet/lexico.

Inquiries regarding this publication should be sent to the Defense Technical Information Center, ATTN: DTIC-OCQ, 8725 John J. Kingman Road, Suite 0944, Fort Belvoir, VA 22060-6218.

KURT N. MOLHOLM
Administrator
Defense Technical Information Center

DISTRIBUTION
O (ALL DTIC Online Users)

SUBJECT FIELD AND GROUP STRUCTURE

01 AVIATION TECHNOLOGY

- 01 Aerodynamics
- 02 Military Aircraft Operations
- 03 Aircraft
- 03 01 Helicopters
- 03 02 Bombers
- 03 03 Attack and Fighter Aircraft
- 03 04 Patrol and Reconnaissance Aircraft
- 03 05 Transport Aircraft
- 03 06 Training Aircraft
- 03 07 V STOL
- 03 08 Gliders and Parachutes
- 03 09 Civilian Aircraft
- 03 10 Pilotless Aircraft
- 03 11 Lighter-than-Air Aircraft
- 03 12 Research and Experimental Aircraft
- 04 Flight Control and Instrumentation
- 05 Terminal Flight Facilities
- 06 Commercial and General Aviation

02 AGRICULTURE

- 01 Agricultural Chemistry
- 02 Agricultural Economics
- 03 Agricultural Engineering
- 04 Agronomy, Horticulture and Aquiculture
- 05 Animal Husbandry and Veterinary Medicine
- 06 Forestry

03 ASTRONOMY AND ASTROPHYSICS

- 01 Astronomy
- 02 Astrophysics
- 03 Celestial Mechanics

04 ATMOSPHERIC SCIENCES

- 01 Atmospheric Physics
- 02 Meteorology

05 BEHAVIORAL AND SOCIAL SCIENCES

- 01 Administration and Management
- 02 Information Science
- 03 Economics and Cost Analysis
- 04 Government and Political Science
- 05 Sociology and Law
- 06 Humanities and History
- 07 Linguistics
- 08 Psychology
- 09 Personnel Management and Labor Relations

06 BIOLOGICAL AND MEDICAL SCIENCES

- 01 Biochemistry
- 02 Genetic Engineering and Molecular Biology
- 03 Biology
- 04 Anatomy and Physiology
- 05 Medicine and Medical Research
- 06 Ecology
- 07 Radiobiology
- 08 Food, Food Service and Nutrition
- 09 Hygiene and Sanitation
- 10 Stress Physiology
- 11 Toxicology
- 12 Medical Facilities, Equipment and Supplies
- 13 Microbiology
- 14 Weapons Effects (Biological)
- 15 Pharmacology

07 CHEMISTRY

- 01 Industrial Chemistry and Chemical Processing
- 02 Inorganic Chemistry
- 03 Organic Chemistry
- 04 Physical Chemistry
- 05 Radiation and Nuclear Chemistry
- 06 Polymer Chemistry

08 EARTH SCIENCES AND OCEANOGRAPHY

- 01 Biological Oceanography
- 02 Cartography and Aerial Photography
- 03 Physical and Dynamic Oceanography
- 04 Geomagnetism
- 05 Geodesy
- 06 Geography
- 07 Geology, Geochemistry and Mineralogy
- 08 Hydrology, Limnology and Potamology
- 09 Mining Engineering
- 10 Soil Mechanics
- 11 Seismology
- 12 Snow, Ice and Permafrost

09 ELECTROTECHNOLOGY AND FLUIDICS

- 01 Electrical and Electronic Equipment
- 02 Fluidics and Fluerics
- 03 Lasers and Masers
- 04 Line, Surface and Bulk Acoustic Wave Devices
- 05 Electrooptical and Optoelectronic Devices
- 06 Acoustooptic and Optoacoustic Devices
- 07 Electromagnetic Shielding

10 POWER PROPULSION AND ENERGY CONVERSION (Nonpropulsive)

- 01 Non-Electrical Energy Conversion
- 02 Electric Power Production and Distribution
- 03 Electrochemical Energy Storage
- 04 Energy Storage

11 MATERIALS

- 01 Adhesives, Seals and Binders
- 02 Ceramics, Refractories and Glass
- 02.01 Refractory Fibers
- 03 Coatings, Colorants and Finishes
- 04 Laminates and Composite Materials
- 05 Textiles
- 06 Metallurgy and Metallography
- 06 01 Properties of Metals and Alloys
- 06 02 Fabrication Metallurgy
- 07 Miscellaneous Materials
- 08 Lubricants and Hydraulic Fluids
- 09 Plastics
- 10 Elastomers and Rubber
- 11 Solvents, Cleaners and Abrasives
- 12 Wood, Paper and Related Forestry Products

12 MATHEMATICAL AND COMPUTER SCIENCES

- 01 Numerical Mathematics
- 02 Theoretical Mathematics
- 03 Statistics and Probability

12 MATHEMATICAL AND COMPUTER SCIENCES (Continued)

- 04 Operations Research
- 05 Computer Programming and Software
- 06 Computer Hardware
- 07 Computer Systems
- 08 Computer Systems Management and Standards
- 09 Cybernetics

13 MECHANICAL, INDUSTRIAL, CIVIL AND MARINE ENGINEERING

- 01 Air Conditioning, Heating, Lighting and Ventilating
- 02 Civil Engineering
- 03 Construction Equipment, Materials and Supplies
- 04 Containers and Packaging
- 05 Couplers, Fasteners and Joints
- 06 Surface Transportation and Equipment
- 06.01 Surface Effect Vehicles and Amphibious Vehicles
- 07 Hydraulic and Pneumatic Equipment
- 08 Manufacturing and Industrial Engineering and Control of Production Systems
- 09 Machinery and Tools
- 10 Marine Engineering
- 10.01 Submarine Engineering
- 11 Pumps, Filters, Pipes, Tubing, Fittings and Valves
- 12 Safety Engineering
- 13 Structural Engineering and Building Technology

14 TEST EQUIPMENT, RESEARCH FACILITIES AND REPROGRAPHY

- 01 Holography
- 02 Test Facilities, Equipment and Methods
- 03 Recording and Playback Devices
- 04 Photography
- 05 Printing and Graphic Arts

15 MILITARY SCIENCES

- 01 Military Forces and Organizations
- 02 Civil Defense
- 03 Defense Systems
- 03.01 Antimissile Defense Systems
- 03.02 Antiaircraft Defense Systems
- 03.03 Antisatellite Defense Systems
- 04 Military Intelligence
- 05 Logistics, Military Facilities and Supplies
- 06 Military Operations, Strategy and Tactics
- 06.01 Naval Surface Warfare
- 06.02 Undersea and Antisubmarine Warfare
- 06.03 Chemical, Biological and Radiological Warfare
- 06.04 Nuclear Warfare
- 06.05 Space Warfare
- 06.06 Land Mine Warfare
- 06.07 Unconventional Warfare

16 GUIDED MISSILE TECHNOLOGY

- 01 Guided Missile Launching and Basing Support
- 02 Guided Missile Trajectories, Accuracy and Ballistics
- 02.01 Guided Missile Dynamics, Configurations and Control Surfaces
- 03 Guided Missile Warheads and Fuzes

16 GUIDED MISSILE TECHNOLOGY (Continued)

- 04 Guided Missiles
- 04.01 Air- and Space-Launched Guided Missiles
- 04.02 Surface-Launched Guided Missiles
- 04.03 Underwater-Launched Guided Missiles
- 05 Guided Missile Reentry Vehicles

17 NAVIGATION, DETECTION AND COUNTERMEASURES

- 01 Acoustic Detection and Detectors
- 02 Non-Acoustic and Non-Magnetic Submarine Detection
- 03 Direction Finding
- 04 Countermeasures
- 04.01 Radio Countermeasures
- 04.02 Acoustic Countermeasures
- 04.03 Radar Countermeasures
- 04.04 Optical Countermeasures
- 05 Optical Detection and Detectors
- 05.01 Infrared Detection and Detectors
- 05.02 Ultraviolet Detection and Detectors
- 06 Magnetic and Electric Field Detection and Detectors
- 07 Navigation and Guidance
- 07.01 Land and Riverine Navigation and Guidance
- 07.02 Underwater and Marine Navigation and Guidance
- 07.03 Air Navigation and Guidance
- 07.04 Space Navigation and Guidance
- 08 Miscellaneous Detection and Detectors
- 09 Active and Passive Radar Detection and Equipment
- 10 Seismic Detection and Detectors
- 11 Target Direction, Range and Position Finding

18 NUCLEAR SCIENCE AND TECHNOLOGY

- 01 Fusion Devices (Thermonuclear)
- 02 Isotopes
- 03 Nuclear Explosions and Devices (Non-Military)
- 04 Nuclear Instrumentation
- 05 Nuclear Power Plants and Fission Reactor Engineering
- 05.01 Nuclear Fission Reactors (Power)
- 05.02 Nuclear Fission Reactors (Non-Power)
- 06 Nuclear Radiation Shielding, Protection and Safety
- 07 Radioactivity, Radioactive Wastes and Fission Products
- 08 SNAP (Systems for Nuclear Auxiliary Power) Technology
- 09 Fission Reactor Physics
- 10 Fission Reactor Materials

19 ORDNANCE

- 01 Ammunition and Explosives
- 01.01 Pyrotechnics
- 02 Aerial Bombs
- 03 Combat Vehicles
- 04 Armor
- 05 Fire Control and Bombing Systems
- 06 Guns
- 07 Rockets
- 08 Underwater Ordnance
- 08.01 Torpedoes
- 09 Explosions
- 10 Ballistics
- 11 Nuclear Weapons
- 12 Directed Energy Weapons
- 13 Guided Munitions

20 PHYSICS

- 01 Acoustics
- 02 Crystallography
- 03 Electricity and Magnetism
- 04 Fluid Mechanics
- 05 Atomic and Molecular Physics and Spectroscopy
- 06 Optics
- 06.01 Fiber Optics and Integrated Optics
- 07 Particle Accelerators
- 08 Nuclear Physics and Elementary Particle Physics
- 09 Plasma Physics and Magnetohydrodynamics
- 10 Quantum Theory and Relativity
- 11 Mechanics
- 12 Solid State Physics
- 13 Thermodynamics
- 14 Radiofrequency Wave Propagation
- 15 Electromagnetic Pulses

21 PROPULSION, ENGINES AND FUELS

- 01 Air Breathing Engines (Unconventional)
- 02 Combustion and Ignition
- 03 Electric and Ion Propulsion
- 04 Fuels
- 05 Jet and Gas Turbine Engines
- 06 Nuclear Propulsion
- 07 Reciprocating and Rotating Engines
- 08 Rocket Engines
- 08 01 Liquid Propellant Rocket Engines
- 08 02 Solid Propellant Rocket Engines
- 09 Rocket Propellants
- 09.01 Liquid Rocket Propellants
- 09.02 Solid Rocket Propellants

22 SPACE TECHNOLOGY

- 01 Astronautics
- 02 Unmanned Spacecraft
- 03 Spacecraft Trajectories and Reentry
- 04 Ground Support Systems and Facilities for Space Vehicles
- 05 Manned Spacecraft

23 BIOTECHNOLOGY

- 01 Biomedical Instrumentation and Bioengineering
- 02 Human Factors Engineering and Man Machine Systems
- 03 Bionics
- 04 Protective Equipment
- 05 Life Support Systems
- 06 Escape, Rescue and Survival

24 ENVIRONMENTAL POLLUTION AND CONTROL

- 01 Air Pollution and Control
- 02 Noise Pollution and Control
- 03 Solid Wastes Pollution and Control
- 04 Water Pollution and Control
- 05 Pesticides Pollution and Control
- 06 Radiation Pollution and Control
- 07 Environmental Health and Safety

25 COMMUNICATIONS

- 01 Telemetry
- 02 Radio Communications
- 03 Non-Radio Communications
- 04 Voice Communications
- 05 Command, Control and Communications Systems

POSTING TERM REQUEST FORM

COMPLETE ALL BLANKS TO ENSURE FURTHER PROCESSING OF YOUR POSTING TERM

1. CANDIDATE POSTING TERM **(Exact Wording):**

2. DATE:

3. DEFINITION **(Define Using Standard/Acceptable Reference Tools):**

4. DEFINITION SOURCE **(Cite Reference):**

5. SOURCE LOCATION **(Library, Branch, etc.):**

6. HOW IF AT ALL IS TERM/CONCEPT NOW POSTED IN NLDB:

7. HIERARCHY **(BT Reference):**

8. HIERARCHY **(NT Reference):**

9. KNOWN ACCESSION NUMBERS NEEDING THIS POSTING TERM **(All Databases):**

10. COMMENTS **(Other Pertinent Information Not Mentioned Above):**

11. SUBMITTED BY **(Individual):**

12. COORDINATION:

DTIC-HA _____ **DTIC/HD** _____

13. ACTION **(To Be Filled In By Vocabulary Control Group):**

CONTROLLED TERMS

CONTROLLED TERM ENTRY EXPLANATION

a. ARMY
b. (Scope note if necessary)
c. UF Army department
d. UFC Army medicine
e. BT *MILITARY FORCES(UNITED STATES)
f. NT FIELD ARMY
g. RT ARMY FACILITIES
h. Army department
use ARMY
Army medicine
use ARMY
and MILITARY MEDICINE

a. Controlled term - A main entry appearing in boldface type which represents a significant class or concept used for indexing and retrieval.

b. Scope note - Exists, when necessary, to further define or limit the meaning or usage of a controlled term. NOTE: A date immediately preceding a scope note denotes the year and month the term was established as a controlled *DTIC Thesaurus* term for terms selected since September 1981.

c. Used For(UF) - The controlled term at the main entry is to be used for any term following this notation. Reciprocates with use references.

d. Used For Combinations(UFC) - The controlled term at the main entry together with one or more other controlled terms are to be used for any term following this notation. Reciprocates with multiple use reference.

e. Broader Term(BT) - Controlled term following this notation represents a broader class which includes the main entry controlled term. NOTE: A (+) symbol in front of a BT indicates the existence of broader generic levels of terms.

f. Narrower Term(NT) - Controlled terms following this notation are within the class of concepts represented by the main entry controlled term. NOTE: A (+) symbol in front of a NT indicates the existence of narrower generic levels of terms.

g. Related Term(RT) - Controlled term which may be strongly associated with the main entry controlled term.

h. Use references - Refers the user to one or more main entry controlled terms. Always reciprocates with the UF and UFC references.

A

A band
BT Very high frequency+

Abandonment
UF Escape(Abandonment)
RT Evacuation
NT Bailout
Ditching
Submarine escape

Abbreviations
(1-JUN-1989)
UF Acronyms
RT Coding
Symbols

Abdomen
RT Peritoneum
Stomach
BT Anatomy+

Abelian fields
use Algebra

Abelian groups
use Groups(Mathematics)

Abiotic processes

Ablation
RT Aerodynamic heating
Cooling
Pyrolysis
Vaporization
BT Wear
NT Ablative materials

Ablative materials
RT Heat shields
Phenolic plastics
BT Ablation+
Materials

Abnormal psychology
Includes general investigations of irregular mental phenomena, including behavior or mental disorders, dreams, hallucinations, and mental retardation. For prevention, diagnosis, and therapy of mental disturbances, see Psychiatry.
UF Psychopathology
RT Psychiatry
BT Psychology+
NT Mental disorders+

Abnormalities
RT Distortion
Dysfunction
Eccentricity
NT Congenital abnormalities

ABO incompatibility
BT Blood group disorders+

Abort

Abortion

Abrasion
RT Abrasives
Grinding
BT Wear

Abrasion resistance
use Wear resistance

Abrasive blasting
UFC Sandblasting
BT Surface finishing+

Abrasive coatings
use Abrasives

Abrasive wheels
use Grinding wheels

Abrasives
Wearing, grinding, or rubbing away by friction and the materials that produce this effect.
UF Abrasive coatings
Broach powders
RT Abrasion
Ceramic materials
Corundum
Grit

Abscesses
UF Suppurations
RT Acne
BT Infectious diseases+

Absenteeism
(1-SEP-1981)
Continual interruption of attendance.
BT Personnel management+

Absorbers(Equipment)
RT Absorbers(Materials)
Air cleaners
NT Energy absorbers+

Absorbers(Materials)
RT Absorbers(Equipment)
Desiccants
Heat sinks
Insulation
Separators
BT Materials
NT Molecular sieves
Towels

Absorption
The retention and conversion into another form of energy of rays, waves, or particles by a substance.
UF Absorptive properties
BT Sorption
NT Biological absorption+
Resonance absorption
Two photon absorption
X ray absorption analysis

Absorption coefficients
BT Coefficients
NT Gamma ray absorption coefficients

Absorption cross sections
RT Radiation absorption
Scattering cross sections
BT Nuclear cross sections+
NT Radiative capture cross sections

Absorption spectra
RT Resonance absorption
BT Electromagnetic spectra+

Absorptive properties
use Absorption

Abstracts
RT Technical writing
BT Documents

Abyssal zones
RT Bottom waters
Deep oceans
BT Benthonic zones+

Acaricides
use Pesticides

Accelerated testing
UF Rapid testing
BT Test methods+

Acceleration
UF G-forces
RT Acceleration tolerance
BT Velocity+
NT Angular acceleration
Deceleration
High acceleration
Impact acceleration

Acceleration integrators
use Accelerometers

Acceleration tolerance
RT Acceleration
Blackout(Physiology)
High acceleration
BT Tolerances(Physiology)+

Accelerometers
UF Acceleration integrators
RT Gravimeters

Accelerometers (cont.)
BT Measuring instruments+

Acceptability
RT Acceptance tests
Compatibility
Figure of merit
Inspection
Quality assurance
Rejection
Standards
Tolerances(Mechanics)
Validation

Acceptance tests
RT Acceptability
BT Test methods+

Access
NT Computer access control
Multiple access+

Access time
RT Time division multiplexing
Time sharing
BT Time intervals+

Accident investigations
RT Accidents
Problem solving

Accidents
RT Accident investigations
Casualties
Collisions
Emergencies
Explosions
Wounds and injuries
NT Aviation accidents+
Boat and ship accidents
Crashes
Derailment
Drowning
Motor vehicle accidents+
Reactor accidents

Acclimatization
RT Response(Biology)
Tolerances(Physiology)
BT Adaptation(Physiology)+
NT Altitude acclimatization
Heat acclimatization

Accommodation(Psychology)
use Adjustment(Psychology)

Accountability

Accounting
RT Inventory
BT Finance
NT Auditing

Accumulation
RT Collection
Growth(General)
Nucleation
Stockpiles

Accumulators
UF Collectors
NT Hydraulic accumulators

Accuracy
RT Conformity
Consistency
Errors
Measurement
Precision
Reliability
Reproducibility
Tolerances(Mechanics)
Verification

Acetal plastics
use Acetal resins

Acetal resins
Plastic materials from controlled polymerization of formaldehyde.
UF Acetal plastics
RT Furan resins
BT Polymers+
Thermoplastic resins+
NT Delrin

Acetaldehyde
UF Ethanal
BT Aldehydes+

Acetals

Acetamides
BT Amides+
NT Acetazolamide

Acetates
NT Cellulose acetates
Ethylenedinitrilo tetraacetates
Triacetin

Acetazolamide
BT Acetamides+
Sulfur heterocyclic compounds+

Acetic acid
BT Fatty acids+
NT Imino diacetic acid
Oxalacetic acid
Peracetic acid
Phenoxyacetic acids

Acetic anhydride
BT Anhydrides

Acetobacter
use Pseudomonadaceae

Acetones
BT Ketones+

Acetonitrile
BT Nitriles+

Acetophenetidin
use Analgesics

Acetophenones
BT Ketones+

Acetyl chloride
BT Chlorides+

Acetylation
BT Acylation+

Acetylcholine
BT Cholines+

Acetylcholinesterase
BT Cholinesterase+

Acetylene
BT Acetylenes+

Acetylenes
BT Alkynes+
NT Acetylene

Achatina
use Gastropoda

Achievement tests
RT Learning
BT Performance tests

Achromatic
(1-JUL-00)
Transmitting light without refraction.
RT Refraction
BT Optical properties+

Achromobacteriaceae
use Eubacteriales

Achromycin
use Tetracyclines

Acid base equilibrium
BT Chemical equilibrium+

Acid citrate dextrose
BT Citrates+
Glucose+

Acid deposition
(1-DEC-1984)
Acidic pollutant compounds of sulfur and nitrogen released into the atmosphere by interaction with sunlight.
UF Acid rain

Acid deposition (cont.)
BT Rain+

Acid phosphatase
BT Phosphatases+

Acid rain
use Acid deposition

Acidemia
use Acidosis

Acidosis
UF Acidemia
RT Blood chemistry
BT Metabolic diseases+

Acids
BT Chemicals
NT Arsonic acid
Benzeneboronic acid
Carbamic acid
Inorganic acids+
Isocyanic acid
Lysergic acids
Nicotinic acid+
Nucleic acids+
Organic acids+
Tannic acid
Uric acid
Vanillic acids

Acne
RT Abscesses
BT Dermatitis+

Aconitine
use Alkaloids

Acoustic absorption
RT Acoustic attenuation
Noise reduction
BT Acoustics
NT Acoustic insulation

Acoustic arrays
RT Antenna arrays
BT Acoustic equipment
Arrays
NT Sonar arrays

Acoustic attenuation
RT Acoustic absorption
BT Acoustics
Attenuation+

Acoustic beams
BT Beams(Radiation)

Acoustic channels
BT Acoustics

Acoustic coatings
BT Acoustic materials+
Coatings

Acoustic communications
BT Communication and radio systems

Acoustic compatibility
BT Compatibility

Acoustic countermeasures
BT Countermeasures+
NT Acoustic decoys
Acoustic jamming

Acoustic data
BT Acoustics

Acoustic decoys
RT Acoustic torpedoes
BT Acoustic countermeasures+
Decoys+

Acoustic delay lines
BT Acoustic equipment
Delay lines

Acoustic detection
RT Sonar
BT Detection
NT Seismic detection+

Acoustic detectors
RT Sonar equipment
BT Acoustic equipment
Detectors
NT Hydrophones
Sonobuoys

Acoustic emissions
BT Emission

Acoustic equipment
UF Sound equipment
UFC Acoustic proximity devices
RT Acoustics
NT Acoustic arrays+
Acoustic delay lines
Acoustic detectors+
Acoustic filters+
Acoustic lenses
Acoustic microscopes
Acoustic resonators
Acoustic windows
Anechoic chambers
Megaphones
Sonar equipment+
Sound generators+
Underwater sound equipment+

Acoustic fields
RT Phonons
BT Acoustics

Acoustic filters
RT Mufflers
BT Acoustic equipment
Filters
NT Optoacoustic filters

Acoustic holography
(1-JUN-1989)
Holography in which single-frequency sound waves are used to produce a 3-D image of an object in water, flesh, or any other media capable of transmitting and refracting sound waves.
RT Acoustic images
BT Holography

Acoustic homing
BT Homing+

Acoustic horns
UF Horns(Acoustic)
RT Megaphones
BT Sound generators+

Acoustic images
(1-DEC-1984)
The geometric space figures that are made up of the acoustic foci of an acoustic lens mirror, or other acoustical optic system, and are the acoustic counterparts of extended sources of sound.
RT Acoustic holography
BT Images
NT Sonar images
Sonograms

Acoustic impedance
UF Impedance(Acoustics)
BT Acoustic properties+
Impedance

Acoustic insulation
UF Sound insulation
Soundproofing
RT Noise reduction
BT Acoustic absorption+
Acoustics
Insulation

Acoustic intelligence
BT Intelligence

Acoustic jamming
(1-OCT-1991)
The deliberate radiation or reradiation of mechanical or electroacoustic signals with the objective of obliterating or obscuring signals which the enemy is attempting to receive and of deterring enemy weapon systems.
BT Acoustic countermeasures+
Jamming+

Acoustic lenses
BT Acoustic equipment
Lenses

Acoustic materials
BT Materials
NT Acoustic coatings
Electroacoustic materials

Acoustic measurement
RT Audiometry
Sound pressure
BT Acoustics
Measurement

Acoustic microscopes
(1-NOV-1980)
Instruments which employ acoustic radiation at microwave frequencies to allow visualization of the microscopic detail exhibited in elastic properties of an object.
BT Acoustic equipment
Microscopes+

Acoustic mines
BT Influence mines+

Acoustic minesweeping
BT Minesweeping+

Acoustic navigation
BT Navigation

Acoustic properties
BT Physical properties
NT Acoustic impedance
Acoustic reflection+
Acoustic refraction
Acoustic resonance
Acoustic scattering+
Acoustic signatures
Acoustic velocity
Sound pitch
Sound transmission
Ultrasonic properties

Acoustic proximity devices
use all Acoustic equipment
Proximity devices

Acoustic ranges
Test facilities for sound measurements, especially of noise generated by ships and submarines.
BT Ranges(Facilities)+

Acoustic recording systems
RT Sound reproduction systems
BT Electronic recording systems+
NT Phonographs+

Acoustic reflection
RT Echoes
BT Acoustic properties+
Reflection
NT Bottom bounce

Acoustic refraction
BT Acoustic properties+
Refraction

Acoustic resonance
BT Acoustic properties+
Resonance+

Acoustic resonators
BT Acoustic equipment
Resonators

Acoustic scattering
BT Acoustic properties+
Scattering
NT Reverberation

Acoustic signals
UF Sound signals
RT Sound waves
BT Signals
NT Auditory signals
Underwater sound signals+

Acoustic signatures
BT Acoustic properties+
Signatures

Acoustic surface wave devices
use Surface acoustic wave devices

Acoustic surveillance
RT Antisubmarine warfare
Undersea surveillance
BT Surveillance

Acoustic tomography
(1-JUL-00)
BT Acoustics
Tomography+

Acoustic torpedoes
UF Listening torpedoes
RT Acoustic decoys
BT Torpedoes+

Acoustic tracking
BT Tracking

Acoustic velocity
RT Mach number
Sound transmission
BT Acoustic properties+
Velocity+

Acoustic warfare
BT Warfare

Acoustic waves
RT Shock waves
Underwater acoustics
BT Acoustics
Elastic waves+
NT Infrasonic radiation+
Sound waves

Acoustic waves (cont.)
Surface acoustic waves
Ultrasonic radiation

Acoustic windows
BT Acoustic equipment
Windows+

Acoustics
Theoretical studies of the production, behavior, and reception of elastic stress waves in all types of media. For theoretical studies of waves in the audible frequency, see Sound.
RT Acoustic equipment
NT Acoustic absorption+
Acoustic attenuation
Acoustic channels
Acoustic data
Acoustic fields
Acoustic insulation
Acoustic measurement
Acoustic tomography
Acoustic waves+
Acoustooptics
Bioacoustics
Electroacoustics
Geoacoustics
Magnetoacoustics
Sound+
Thermoacoustics

Acoustooptics
RT Electrooptics
Magnetooptics
BT Acoustics
Optics

Acquired immune deficiency syndrome
(1-JUN-1989)
A condition of acquired immunological deficiency associated with infection of the cells of the immune system with the retrovirus HTLV-III and similar viruses; usually recognized by the presence of life threatening infections.
UF AIDS
RT Human immunodeficiency viruses
BT Virus diseases+

Acquired immunity
use Immunity

Acquisition
NT Data acquisition+
Procurement+
Target acquisition

Acquisition radar
BT Search radar+
NT Perimeter acquisition radar

Acridines
BT Heterocyclic compounds+

Acrilan
use Acrylonitrile polymers

Acroleins
BT Aldehydes+

Acronyms
use Abbreviations

Acrylates
BT Esters+
NT Methacrylates+

Acrylic acid
BT Aliphatic acids+
NT Cinnamic acid

Acrylic resins
UF Perspex
RT Polymethyl methacrylate
BT Acrylonitrile polymers+
Thermoplastic resins+
NT Polyacrylamides
Polyacrylates+

Acrylonitrile polymers
UF Acrilan
BT Polymers+
NT Acrylic resins+

Acrylonitrile rubber
use Nitrile rubber

ACTH
use Adrenocorticotropic hormone

Actin
use Muscle proteins

Actinide series
Elements having atomic numbers 89 through 103. For the series of nuclides resulting from the decay of U-235, see Radioactive series.
RT Actinide series compounds
Radioactive materials
Transuranium elements
BT Metals+
NT Actinium
Americium
Berkelium
Californium
Curium
Einsteinium
Fermium
Lawrencium
Mendelevium
Neptunium
Nobelium
Plutonium
Protactinium
Thorium
Actinide series (cont.)
Uranium+

Actinide series compounds
RT Actinide series
Radioactive materials
BT Heavy element compounds+
NT Actinium compounds
Protactinium compounds
Thorium compounds+
Transuranium compounds+
Uranium compounds+

Actinium
RT Actinium compounds
BT Actinide series+

Actinium compounds
RT Actinium
BT Actinide series compounds+

Actinium decay series
use Radioactive series

Actinobacillus
UF Malleomyces
BT Brucellaceae+
NT Actinobacillus mallei

Actinobacillus mallei
UFC Glanders
BT Actinobacillus+

Actinomyces
BT Actinomycetaceae+

Actinomycetaceae
BT Actinomycetales+
NT Actinomyces
Nocardia

Actinomycetales
UF Actinomycetes
BT Bacteria+
NT Actinomycetaceae+
Mycobacteriaceae+
Streptomycetaceae+

Actinomycetes
use Actinomycetales

Actinopoda
BT Protozoa+
NT Radiolaria

Activated carbon
UF Activated charcoal
RT Adsorbents
BT Carbon+
NT Charcoal

Activated charcoal
use Activated carbon

Activated sintering
BT Sintering

Activated sludge process
RT Sewage disposal
Water treatment
BT Sludge+
Waste treatment+

Activation
UF Energizing
RT Actuation
Catalysis
Deactivation
Excitation
Starting
NT Heat of activation
Neutron activation

Activation energy
BT Energy

Active defense
(1-DEC-1984)
The employment of weapons systems to deter, deflect, or otherwise defeat enemy offensive forces. The term commonly connotes defensive forces, such as interceptor aircraft and antiballistic missiles. The employment of limited offensive action and counterattacks to deny contested area or position to the enemy.
RT Attack

Active duty

Active immunity
BT Immunity+

Active sites(Physiology)
use Receptor sites(Physiology)

Actomyosin
use Muscle proteins

Actuation
RT Activation
Actuators
Starting

Actuation counters
use Rounds counters

Actuators
For actuators with feedback, see Servomechanisms. For indicators, see Synchros.
RT Actuation
Cams
NT Explosive actuators+
Hydraulic actuators
Pneumatic actuators

Acuity
RT Discrimination
NT Auditory acuity
Visual acuity

Acupuncture
BT Diagnosis(Medicine)+
Therapy+

Acute respiratory disease virus
BT Adenoviruses+

Acylation
BT Chemical reactions+
NT Acetylation

Acylureas
use Ureides

ADA programming language
A sophisticated high-level computer programming language designed to support real-time input/output concurrent program execution, abstract variables, and the programming of very large embedded computer systems.
BT High level languages+

Adamantanes
BT Polycyclic compounds+

Adaptation
NT Adaptation(Physiology)+
Adjustment(Psychology)

Adaptation(Physiology)
UF General adaptation syndrome
UFC Light adaptation
Photopia
Scotopia
BT Adaptation
Physiology
NT Acclimatization+
Dark adaptation
Homeostasis

Adapters
UFC Cluster adapters
RT Attachment
BT Fittings+

Adaptive communications
BT Adaptive systems
Telecommunications+

Adaptive control systems
Control systems that continuously measure and evaluate dynamic performance and supply continuous readjustments on the basis of the evaluations.
UF Self-adaptive control systems
RT Smart technology
BT Adaptive systems

Adaptive control systems (cont.)
Control systems
NT Automation

Adaptive filters
BT Adaptive systems
Filters

Adaptive optics
(1-SEP-1990)
The theory and design of optical systems that measure and correct wavefront aberrations in real time, that is, simultaneous with the operation of the system.
BT Adaptive systems
Optics
NT Phase conjugation

Adaptive systems
RT Self organizing systems
NT Adaptive communications
Adaptive control systems+
Adaptive filters
Adaptive optics+
Learning machines

Adaptive training
BT Training+

Adatoms
BT Atoms

Addition
RT Arithmetic
BT Number theory+

Addition reactions
BT Chemical reactions+

Additives
RT Fillers
Thickeners(Materials)
NT Antifreezes
Antioxidants
Foaming inhibitors
Food additives
Fuel additives+
Lubricant additives
Paint thinners
Plasticizers+

Additrons
use Radial beam tubes

Addressing

Aden Gulf
BT Gulfs+

Adenine
BT Purines+
NT Adenosine

Adenosine
BT Adenine+

Adenosine phosphates
UF Adenylic acid
ATP
BT Nucleotides+
Phosphates+

Adenoviruses
UF Catarrhal rhinitis
Cold viruses
Colds
Coryza
BT Viruses+
NT Acute respiratory disease virus
Oncogenic viruses

Adenyl cyclase
BT Enzymes

Adenylic acid
use Adenosine phosphates

Adherence
use Adhesion

Adhesion
UF Adherence
RT Adhesives
Agglutination
Bonding
Cohesion
Traction
BT Surface properties+

Adhesive bonding
BT Bonding+

Adhesive tapes
BT Tapes

Adhesives
UF Cements(Adhesives)
Glues
RT Adhesion
Binders
NT Pastes
Rubber adhesives

Adiabatic conditions
RT Isentrope

Adiabatic gas flow
BT Gas flow+

Adipose tissue
BT Connective tissue+

Adjustable pitch propellers
use Variable pitch propellers

Adjustment(Psychology)
UF Accommodation(Psychology)
RT Attitudes(Psychology)

Adjustment(Psychology) (cont.)
BT Adaptation
Behavior+

Administration
use Management

Administrative engineering
use Management engineering

Administrative law
(1-APR-1998)
BT Legislation

Administrative personnel
RT Personnel management
BT Personnel

Admittance
BT Impedance
NT Electrical conductivity+

Adolescents
BT Youth+

Adrenal cortex
UFC Adrenal cortical extract
RT Adrenal cortex hormones
BT Adrenal glands+

Adrenal cortex hormones
RT Adrenal cortex
BT Hormones+
NT Aldosterone
Corticosteroid agents

Adrenal cortical extract
use all Adrenal cortex
Tissue extracts

Adrenal glands
RT Epinephrine
BT Endocrine glands+
NT Adrenal cortex

Adrenal medulla hormones
BT Hormones+

Adrenergic blocking agents
use Sympatholytic agents

Adrenergic nerves
use Autonomic nervous system

Adrenocorticotropic hormone
UF ACTH
Corticotropin
BT Pituitary hormones+

Adrenolytic drugs
use Sympatholytic agents

Adriatic Sea
BT Mediterranean Sea+

Adsorbates
(1-MAY-1983)
Solids, liquids or gases which are adsorbed as molecules, atoms, or ions by such substances as charcoal, silica, metals, water, and mercury.
RT Adsorbents

Adsorbents
RT Activated carbon
Adsorbates
NT Getters

Adsorption
UF Adsorptive properties
BT Sorption
NT Chemisorption
Density functional theory
Gettering

Adsorption indicators
use Chemical indicators

Adsorptive properties
use Adsorption

Adults
BT Humans+

Advanced range instrumentation ships
BT Ships

Advanced weapons
Weapon concepts utilizing destructive forces not previously employed in warfare.
BT Weapons+
NT Fire and forget weapons

Advection
RT Convection
NT Blowdown

Adverse conditions
RT Environmental tests
NT Catastrophic conditions

Advisory activities

Aedes
BT Culicidae+

Aegean Sea
BT Mediterranean Sea+

Aeolipile rotors
use Jet helicopter rotors

Aeration
RT Aerators
Aerosols
Deaeration
Entrainment

Aerators
(1-DEC-1984)
Equipment used for aeration (supplying or infusion of air).
RT Aeration

Aerial cameras
RT Aerial photography
BT Cameras+
NT Continuous strip cameras
Topographic cameras

Aerial combat
use Aerial warfare

Aerial delivery
BT Air transportation+
Delivery
NT Air drop operations+
Free dropping

Aerial gunners
RT Aerial gunnery
BT Aviation personnel+
Gunners+

Aerial gunnery
RT Aerial gunners
BT Gunnery

Aerial imagery
use Aerial photography

Aerial mine warfare
RT Aerial mines
BT Mine warfare+

Aerial mines
RT Aerial mine warfare
BT Mines(Ordnance)+

Aerial photographs
RT Stereophotogrammetry
BT Photographs+

Aerial photography
UF Aerial imagery
RT Aerial cameras
Aerial reconnaissance
Aerial surveys
Photographic intelligence
BT Photography
NT Orthophotography
Photogeology

Aerial pickup systems
RT Air drop operations

Aerial propellers
(1-MAY-1981)
UF Pusher propellers
BT Propellers

Aerial reconnaissance
RT Aerial photography
Reconnaissance aircraft
Surveillance drones
BT Reconnaissance+

Aerial rudders
RT Fins
Tail assemblies
BT Rudders+

Aerial surveys
(1-OCT-1995)
RT Aerial photography
BT Surveys

Aerial targets
RT Target drones
BT Targets

Aerial torpedoes
use Aircraft torpedoes

Aerial warfare
UF Aerial combat
BT Warfare
NT Air power
Air strikes

Aerobacter
BT Enterobacteriaceae+
NT Aerobacter aerogenes

Aerobacter aerogenes
BT Aerobacter+
Coliform bacteria+

Aeroballistics
RT Aerodynamic drag
BT Ballistics

Aerobic bacteria
BT Bacteria+

Aerobic processes

Aerobiology
RT Biological aerosols
BT Biology+

Aerodynamic characteristics
BT Fluid dynamics+
NT Aerodynamic forces+
Aerodynamic stability+
Aeroelasticity+
Hypersonic characteristics+
Subsonic characteristics
Supersonic characteristics+
Transonic characteristics

Aerodynamic configurations
The relative dispositions of parts, the figure, the contour, or the arrangement of parts within structures whose behavior is governed by aerodynamic laws.
RT Aircraft design
Aircraft protuberances
Airfoils
Airframes
Fairings
Flat plate models
Flight envelope
Nacelles
BT Configurations
NT Canard configurations
Wing body configurations

Aerodynamic control surfaces
BT Airfoils
Control surfaces+
NT Bomb fins
Flaps(Control surfaces)+
Folding fins(Rockets)
Horizontal stabilizers
Strakes
Trailing control surfaces+
Vertical stabilizers

Aerodynamic drag
RT Aeroballistics
Base pressure
BT Aerodynamic forces+
Drag
NT Supersonic drag

Aerodynamic forces
UF Glauert coefficient
BT Aerodynamic characteristics+
NT Aerodynamic drag+
Aerodynamic loading+
Lift+

Aerodynamic heating
RT Ablation
Aerothermodynamics
Atmosphere entry
BT Aerodynamics+
Heating

Aerodynamic lift
(1-DEC-1984)
The component of the total dynamic force acting on a body perpendicular to the undisturbed air flow relative to the body.
BT Lift+
NT Stalling

Aerodynamic loading
BT Aerodynamic forces+
Dynamic loads+
NT Buffeting
Gust loads

Aerodynamic noise
RT Aircraft noise
BT Noise(Sound)+
NT Sonic boom

Aerodynamic slots
Nozzle-shaped openings in aerodynamic configurations to improve flow conditions at high angles of attack.
BT Slots+
NT Suction slots
Wing slots

Aerodynamic stability
RT Variable stability aircraft
BT Aerodynamic characteristics+
Stability
NT Trim(Aerodynamics)

Aerodynamics
BT Fluid dynamics+
NT Aerodynamic heating
Aerothermodynamics
Unsteady aerodynamics

Aeroelasticity
RT Fluid mechanics
BT Aerodynamic characteristics+
Elastic properties+
NT Aeroservoelasticity
Aerothermoelasticity
Twist(Aerodynamics)

Aeroembolism
use Gas embolism

Aerogels
(1-APR-1999)
BT Sol gel processes

Aerological balloons
use Meteorological balloons

Aeromedical evacuation
BT Air transportation+
Medical evacuation+

Aeronautical booms
BT Booms(Equipment)+

Aeronautical engineering
RT Aeronautics
Aircraft industry
Space technology
BT Engineering
NT Aircraft design

Aeronautical laboratories
BT Laboratories+

Aeronautics
RT Aeronautical engineering
Astronautics
NT All weather aviation
Army aviation
Civil aviation+
Marine Corps aviation
Naval aviation

Aeronomy
RT Airglow
BT Physical sciences
NT Ionospheric chemistry
Ionospheric disturbances+
Ionospheric models

Aerophysics
use Atmospheric physics

Aeroservoelasticity
(1-SEP-1990)
The study of the interaction of automatic flight controls on aerospace craft/missiles with aeroelastic response and stability.
BT Aeroelasticity+

Aerosol generators
Devices that produce suspensions of solids or liquids in gases. For devices that eject liquid droplets onto surfaces, see Spray tanks.
RT Aerosols
Atomization
BT Generators
NT Smoke generators

Aerosols
RT Aeration
Aerosol generators
BT Colloids+
NT Biological aerosols+
Mist

Aerospace craft
Vehicles that function in both the sensible atmosphere and the space environment.
UF Aerospace vehicles
BT Aircraft
Spacecraft
NT Aerospaceplanes
Boost glide vehicles
Lifting bodies+

Aerospace environments
BT Environments
NT Space environments+

Aerospace industry
(1-DEC-1984)
Industry concerned with the use of vehicles in both the earth's atmosphere and space.
BT Industries
NT Aircraft industry

Aerospace medicine
RT Altitude sickness
Aviation medicine
BT Medicine+
Space sciences

Aerospace planes
use Aerospaceplanes

Aerospace systems
BT Astronautics+

Aerospace vehicles
use Aerospace craft

Aerospaceplanes
(1-SEP-1981)
Aerospace craft designed to take off from conventional runways and operate in the outer fringes of the atmosphere by air liquefaction.
UF Aerospace planes
RT Research aircraft
BT Aerospace craft+

Aerosporin
use Polymyxins

Aerostatics
RT Hydrostatics
BT Fluid mechanics+
Statics+

Aerothermodynamics
RT Aerodynamic heating
BT Aerodynamics+

Aerothermoelasticity
BT Aeroelasticity+

Aerothermopressors
Devices for introducing atomized water into hot high-speed gas streams to obtain a rise in stagnation pressure through evaporative cooling.
BT Centrifugal compressors+

Aerozine
BT Hydrazines+

AF(Vessels)
use Cargo ships

AFC
use Automatic frequency control

Afghanistan
BT South Asia+

Afocal optical lenses
BT Camera lenses+

Africa
BT Geographic areas
NT North Africa+
Saharan Africa+
Subsaharan Africa+
West Africa+

African Americans
(1-OCT-1995)
BT Blacks(Racial group)+
Minorities

Africans
(1-NOV-1980)
Members of an African race.
BT Ethnic groups+
NT Egyptians

Afterbodies
BT Bodies
NT Boattail afterbodies
Flared afterbodies

Afterburners
RT Afterburning
BT Jet engines+

Afterburning
RT Afterburners
Thrust augmentation
BT Combustion+

Afterglows
BT Atmospheric scattering+

Afterimages
UFC Auditory afterimages
RT Optical images
BT Vision+

Agar
RT Algae
BT Culture media+

AGC(Electronics)
use Automatic gain control

Age distribution
(1-JUN-1989)
The distribution of different age groups in a population.
BT Distribution

Age hardening
BT Hardening

Agent Orange
(1-JUN-1989)
A herbicide widely used as a defoliant in the Vietnam war that is composed of 2,4-dichlorophenoxyacetic acid (2,4-D) and 2,4,5-trichlorophenoxyacetic acid (2,4,5-T) and contains dioxin as a contaminant.
BT Defoliants+
Herbicides+

Age-diffusion equation
use Neutron age

Agglomerates
RT Coalescence
BT Composite materials+

Agglutination
RT Adhesion
Agglutinins
Cohesion
Hemagglutination tests
BT Antigen antibody reactions+

Agglutinins
RT Agglutination
BT Antibodies

Agglutinogens
use Antigens

Aggregates(Materials)
(1-OCT-1991)
Accumulations of gravel or small stones which form the major constituent of certain construction materials, such as concrete.
RT Gravel
Slags
BT Construction materials+

Aging(Materials)
Changes in materials or products produced under certain conditions by the passage of time. Includes the act of allowing such changes to take place.
RT Degradation
BT Life expectancy(Service life)+

Aging(Physiology)
UF Degeneration(Biology)
Physiological age
Senescence
RT Geriatrics
Gerontology
Life span(Biology)
Maturation
BT Physiology

Agreements
RT Negotiations
NT Treaties

Agricultural chemistry
(1-DEC-1984)
The science of chemical composition and changes involved in the production, protection, and use of crops and livestock. Includes all the life processes through which food and fiber are obtained for man and his animals, and control of these processes to increase yields, improve quality, and reduce costs.
RT Chemurgy
BT Agriculture

Agricultural chemistry (cont.)
NT Fertilizers

Agricultural economics
(1-OCT-1997)
BT Agriculture
Economics

Agriculture
NT Agricultural chemistry+
Agricultural economics
Agronomy
Animal husbandry
Aquiculture+
Farms+
Forestry+
Horticulture+
Irrigation systems
Planting
Soil science+

Agronomy
BT Agriculture

AIDS
use Acquired immune deficiency syndrome

AIDS viruses
use Human immunodeficiency viruses

Aileron tabs
use Trim tabs

Ailerons
UF Drooped ailerons
BT Trailing control surfaces+

Aiming
BT Targeting

Air
UFC Liquefied air
NT Compressed air

Air bag restraint systems
(1-JUN-1997)
BT Safety equipment+

Air bearings
use Gas bearings

Air brake flaps
UF Airspeed brakes
Speed brake flaps
Wing speed brakes
BT Flaps(Control surfaces)+

Air brakes
use Pneumatic brakes

Air breathing

Air breathing engines
BT Engines
NT Air breathing engines(Unconventional)

Air breathing engines(Unconventional)
BT Air breathing engines+

Air capable ships
(1-SEP-1990)
All types of ships, except Aircraft Carriers, which are capable of launching, recovering, and handling aircraft; usually Helicopters or Vertical takeoff aircraft.
BT Ships

Air cleaners
RT Absorbers(Equipment)
NT Air filters

Air compressors
RT Compressed air
BT Compressors+

Air conditioning equipment
RT Air filters
Air pollution control equipment
Controlled atmospheres
BT Cooling and ventilating equipment+
NT Heat pumps
Humidifiers

Air control centers
The principal air operations installations from which all aircraft and air warning functions of tactical air operations are controlled.
RT Aircraft intercept control systems
BT Air traffic control systems
NT Tactical air control systems

Air cooled
BT Cooling
NT Wind chill

Air cushion vehicles
BT Ground effect machines+

Air defense
BT Defense systems
NT Antiaircraft defense systems+
Antimissile defense systems+
Forward area air defense systems
Terminal defense

Air Defense Command
BT Air Force+

Air drop operations
RT Aerial pickup systems
BT Aerial delivery+
Military operations
NT Parachute jumping

Air ejectors
BT Ejectors
Engine air systems components+

Air entrainment
BT Entrainment

Air filters
RT Air conditioning equipment
Air pollution control equipment
BT Air cleaners
Gas filters+

Air flow
BT Gas flow+
NT Downwash

Air Force
UFC Air Force medicine
BT Military Forces(United States)+
NT Air Defense Command
Air Force Logistics Command
Air Force Systems Command
Strategic Air Command
Tactical Air Command

Air Force Academy
use United States Air Force Academy

Air Force budgets
BT Military budgets+

Air Force depots
use all Air Force facilities
Supply depots

Air Force equipment
BT Logistics
Military equipment+

Air Force facilities
UFC Air Force depots
BT Military facilities+

Air Force Logistics Command
UF Air Materiel Command
BT Air Force+

Air Force medicine
use all Air Force
Military medicine

Air Force operations
BT Military operations

Air Force personnel
BT Military personnel+

Air Force planning
BT Military planning+

Air Force procurement
BT Military procurement+

Air Force research
BT Military research

Air Force Systems Command
BT Air Force+

Air Force training
BT Military training+

Air gaps
(1-NOV-1980)
Gaps or equivalent fillers of nonmagnetic material across the core of a choke, transformer or other magnetic device.

Air guns
BT Guns+

Air heaters
BT Heaters
NT Space heaters+

Air intakes
RT Manifolds(Engines)
Scoops
BT Inlets+
NT Carburetor air scoops
Supersonic inlets

Air intelligence
BT Military intelligence+

Air land battles
(1-JUN-1989)
Combat waged by ground forces with air support; a concept of aggressive, mobile, air-supported ground combat.
BT Battles+

Air launched
BT Launching

Air locks
BT Compartments

Air logistics support
(1-MAY-1981)
BT Logistics support+

Air mass analysis
BT Weather+

Air masses
(1-OCT-1991)
An extent of the atmosphere, identified by its temperature humidity curve, which identifies a single weather characteristic.

Air Materiel Command
use Air Force Logistics Command

Air navigation
(1-JUN-1989)
Art, science, or action of plotting and directing from within an aircraft its movement through the air from one place to another.
RT Air traffic control systems
Flight paths
LORAN
BT Navigation
NT TACAN

Air pollution
UF Atmospheric contamination
Atmospheric impurities
Atmospheric pollution
RT Air quality
Atmospheric chemistry
Combustion products
Dust storms
Haze
Odors
BT Pollution+
NT Air pollution control equipment+
Air pollution effects(Animals)
Automobile exhaust
Indoor air pollution
Ozone depletion
Smog

Air pollution control equipment
RT Air conditioning equipment
Air filters
BT Air pollution+
Pollution abatement
NT Scrubbers

Air pollution effects(Animals)
BT Air pollution+

Air power
BT Aerial warfare+
Military force levels

Air pressure
BT Pressure

Air quality
RT Air pollution
BT Quality

Air resistance
BT Resistance

Air sea interactions
use Air water interactions

Air sea rescue beacons
BT Rescue beacons+

Air sea rescues
BT Sea rescues+

Air sickness
use Motion sickness

Air space
NT Ullage

Air springs
BT Pneumatic equipment
Springs+

Air strikes
BT Aerial warfare+

Air superiority fighters
BT Fighter aircraft+

Air supplies
(1-MAY-1981)
BT Pneumatic equipment
NT Bellows

Air to air
BT Trajectories+

Air to air missiles
RT Antiaircraft missiles
BT Guided missiles

Air to space
BT Ascent trajectories+

Air to space missiles
BT Guided missiles

Air to surface
BT Descent trajectories+

Air to surface missiles
BT Guided missiles
NT Standoff missiles

Air to underwater
BT Descent trajectories+

Air to underwater missiles
BT Guided missiles

Air towed

Air traffic
RT Air transportation
Flight paths
BT Traffic

Air traffic control systems
The personnel, equipment, and techniques for scheduling takeoffs, landings and flight patterns of aircraft in a given air space.
RT Air navigation
Air traffic controllers
Aircraft landings
Air traffic control systems (cont.)
Airport radar systems
Airports
Aviation safety
Flight control systems
NT Air control centers+
Air traffic control terminal areas
Glide path systems+
Microwave landing systems
Radar landing control+

Air traffic control terminal areas
BT Air traffic control systems

Air traffic controllers
RT Air traffic control systems
BT Aviation personnel+
Operators(Personnel)+

Air transportable equipment
BT Portable equipment+

Air transportation
The conveyance of cargo or personnel by aircraft. For equipment and systems characterized by use aboard aircraft, see Airborne.
RT Air traffic
Commercial aircraft
BT Transportation
NT Aerial delivery+
Aeromedical evacuation

Air water interactions
UF Air sea interactions
RT Evaporation
BT Interactions

Airborne

Airborne early warning
BT Early warning systems+

Airborne warning and control system
BT Control systems
Warning systems+

Airburst
BT Explosions
NT Height of burst

Aircraft
UF Airplanes
UFC Aircraft speed
Canard aircraft
Tail first planes
RT Aircraft equipment
Aircraft industry
Airframes
NT Aerospace craft+
Airships
All wing aircraft
Amphibious aircraft
Aircraft (cont.)
Balloons+
Commercial aircraft
Composite aircraft
Downed aircraft
Drones+
Fixed wing aircraft
General aviation aircraft
Gliders
Ground effect machines+
Jet aircraft+
Military aircraft+
Parasite aircraft
Research aircraft
Rocket aircraft
Short takeoff aircraft+
Tailless aircraft
Tanker aircraft
Tilt wing aircraft
Towed aircraft
Towing aircraft
Training aircraft+
Transonic aircraft
Transport aircraft+
Utility aircraft
Variable stability aircraft
Water based aircraft+

Aircraft accidents
use Aviation accidents

Aircraft ammunition
RT Aircraft rockets
Aircraft torpedoes
BT Ammunition+

Aircraft antennas
BT Aircraft equipment
Antennas
NT Airship antennas

Aircraft cabins
Enclosed compartments in aircraft for cargo, passengers, or crew members. For similar compartments especially designed for the pilot or for the pilot and copilot, see Cockpits.
RT Cockpits
Pressurized cabins
BT Fuselages+
NT Wheel wells

Aircraft canopies
BT Canopies

Aircraft carburetors
BT Carburetors+

Aircraft carrier escorts
use all Escort ships

Aircraft carriers
UF Carriers(Naval vessels)
RT Carrier based aircraft

Aircraft carriers (cont.)
Flight decks
BT Naval vessels(Combatant)+

Aircraft control cables
BT Aircraft equipment
Mechanical cables+

Aircraft defense systems
RT Aircraft guns
BT Defense systems

Aircraft design
(1-OCT-1995)
RT Aerodynamic configurations
BT Aeronautical engineering+

Aircraft detection
RT Aircraft interception
BT Detection

Aircraft doors
BT Doors
Fuselages+
NT Bomb bay doors
Landing gear doors

Aircraft engine cowlings
(1-MAY-1981)
BT Engine components+

Aircraft engine ducts
BT Ducts
Engine air systems components+

Aircraft engine heaters
(1-MAY-1981)
Devices used to raise the temperature of an engine, as to facilitate starting in cold weather.
BT Heaters

Aircraft engine noise
RT Aircraft noise
BT Engine noise+

Aircraft engine oils
(1-MAY-1981)
BT Lubricating oils+

Aircraft engines
UF Aircraft power sources
RT Aircraft nuclear propulsion
BT Engines
NT Helicopter engines+

Aircraft equipment
Devices located in or on aircraft, excluding the control surfaces, parts of the airframe, and the propulsion system.
UFC Aircraft rocket launchers
RT Aircraft
Flight instruments
NT Aircraft antennas+

Aircraft equipment (cont.)
Aircraft control cables
Aircraft seats+
Aircraft tires

Aircraft escape capsules
use Jettisonable cockpits

Aircraft exhaust
BT Exhaust gases+

Aircraft finishes
RT Antiradar coatings
BT Finishes

Aircraft fire control systems
Systems containing target locators, computers, and directors for employing aircraft-mounted weapons against air or surface targets.
RT Aircraft guns
Antiaircraft fire control systems
Bomb ejectors
BT Fire control systems+

Aircraft fires
BT Fires

Aircraft flares
UFC Aircraft parachute flares
BT Flares+

Aircraft guns
RT Aircraft defense systems
Aircraft fire control systems
BT Guns+

Aircraft heaters
Devices used to heat the interiorsof aircraft. For devices used to raise the temperature of the engine, as to facilitate starting in cold weather, see Aircraft engine heaters.
BT Space heaters+

Aircraft hijacking
BT Crimes
Criminology+

Aircraft industry
RT Aeronautical engineering
Aircraft
BT Aerospace industry+

Aircraft intercept control systems
RT Air control centers
BT Aircraft interception+

Aircraft interception
RT Aircraft detection
BT Interception
NT Aircraft intercept control systems

Aircraft landings
RT Air traffic control systems
Terminal flight facilities
BT Landing
NT Carrier landings
Crash landings+
Flareout
Instrument landings
Night landings

Aircraft lofting
(1-DEC-1984)
The design and layout, on metal sheets, of full scale drawings of aircraft parts.

Aircraft maintenance
BT Maintenance

Aircraft markings

Aircraft models
(1-MAY-1981)
BT Models

Aircraft noise
RT Aerodynamic noise
Aircraft engine noise
BT Noise(Sound)+
NT Jet aircraft noise

Aircraft noses
(1-MAY-1981)
RT Nose wheels
BT Fuselages+
Noses

Aircraft nuclear propulsion
RT Aircraft engines
BT Nuclear propulsion+

Aircraft panels
(1-MAY-1981)
BT Airframes
Panels

Aircraft parachute flares
use all Aircraft flares
Parachute flares

Aircraft power sources
use Aircraft engines

Aircraft protuberances
RT Aerodynamic configurations
BT Protuberances
NT Aircraft turrets

Aircraft rocket launchers
use all Aircraft equipment
Rocket launchers

Aircraft rockets
UFC Antitank aircraft rockets
RT Aircraft ammunition

Aircraft rockets (cont.)
BT Rockets

Aircraft searchlights
BT Searchlights+

Aircraft seats
BT Aircraft equipment
Seats
NT Pilot seats

Aircraft signatures
BT Signatures

Aircraft speed
use all Aircraft
Flight speeds

Aircraft tires
RT Landing gear
BT Aircraft equipment
Tires+

Aircraft torpedoes
UF Aerial torpedoes
RT Aircraft ammunition
BT Torpedoes+

Aircraft tractors
BT Tractors+

Aircraft turrets
RT Gun turrets
BT Aircraft protuberances+

Aircrews
use Flight crews

Airfields
use Landing fields

Airfoils
RT Aerodynamic configurations
Hydrofoils
Stabilization systems
NT Aerodynamic control surfaces+
Blade airfoils+
Low drag airfoils
Supercritical airfoils+
Supersonic airfoils+
Transonic airfoils
Wings+

Airframes
UF Frames(Aircraft)
RT Aerodynamic configurations
Aircraft
Spars
NT Aircraft panels
Airship envelopes
Fuselages+
Landing gear+
Wings+

Airglow
RT Aeronomy
Chemiluminescence
BT Light+

Airlift operations
NT Airmobile operations

Airliners
use Commercial aircraft

Airmobile operations
BT Airlift operations
Military operations

Airplanes
use Aircraft

Airport control towers
BT Terminal flight facilities+

Airport radar scanners
use all Airport radar systems
Radar scanning

Airport radar systems
Radar systems used at airports for various applications including navigation, weather observation, and traffic control.
UFC Airport radar scanners
RT Air traffic control systems
BT Radar
Radar landing control+

Airports
RT Air traffic control systems
BT Terminal flight facilities+
NT Heliports+
International airports

Airship antennas
BT Aircraft antennas+

Airship envelopes
BT Airframes

Airships
UF Blimps
Dirigibles
RT Balloons
Gondolas
Powered balloons
BT Aircraft

Airspeed
BT Flight speeds+

Airspeed brakes
use Air brake flaps

Airspeed indicators
RT Anemometers
BT Flight speed indicators+
NT Stall warning indicators

Airstream direction detectors
use Attitude indicators

Airworthiness
BT Aviation safety+

Airy Hardy integrals
use Integrals

Airy series
use Series(Mathematics)

Ajaconine
use Alkaloids

Alabama
BT United States+

Alabama River
BT Rivers+

Alanines
BT Amino acids+
NT Levodopa
Phenylalanine

Alarms
use Warning systems

Alaska
BT United States+
NT Aleutian Islands
Barrow(Alaska)
Barter Island
Fairbanks(Alaska)

Alaska Gulf
BT Gulfs+

Albania
BT Eastern Europe+

Albedo
Ratio of reflected radiation, emergent neutrons, or secondary cosmic rays to incident radiation or neutrons, or primary cosmic rays.
BT Reflectance+

Albedo(Astronomy)
BT Astronomy+

Alberta
BT Canada+

Albinism
RT Melatonin
Skin(Anatomy)
BT Physiology

Albuminoids
UF Elastin
Scleroproteins
BT Proteins(Simple)+

Albuminoids (cont.)
NT Collagen+

Albumins
BT Proteins(Simple)+
NT Egg albumin
Serum albumin

Alcohol consumption
RT Alcoholism
BT Consumption

Alcoholic beverages
(1-OCT-1994)
BT Beverages+

Alcoholism
RT Alcohol consumption
Cirrhosis
BT Poisoning+
NT Intoxication

Alcohols
BT Organic compounds
NT Butanols
Carbinols
Cortisol
Cyclohexanols
Ethanols
Glycerols
Glycols+
Methanols
Octol
Pentanols
Propanols
Sugar alcohols+
Vinyl alcohol+

Aldehyde lyases
UF Aldolases
BT Lyases+

Aldehyde polymers
BT Polymers+

Aldehydes
BT Organic compounds
NT Acetaldehyde
Acroleins
Benzaldehydes
Formaldehyde
Furaldehydes

Aldobiuronic acids
use Uronic acids

Aldolases
use Aldehyde lyases

Aldoses
BT Monosaccharides+

Aldosterone
BT Adrenal cortex hormones+

Aldoximes
BT Oximes

Aldrin
RT Insecticides
BT Halogenated hydrocarbons+

Alertness
use Attention

Aleutian Islands
BT Alaska+
Pacific Ocean Islands+

Alfalfa
RT Farm crops
BT Plants(Botany)+

Alfven waves
use Magnetohydrodynamic waves

Algae
UF Chlorophyta
Chrysophyta
Cyanophyta
Euglenophyta
Hydrophytes
Pyrrophyta
Rhodophyta
Seaweed
RT Agar
BT Plants(Botany)+
NT Chlorella
Diatoms
Dinoflagellata+
Kelp
Lichens
Microcystis

Algebra
UF Abelian fields
Discriminants
Hilbert's Nullstellensatz
Lattice sums
Lattices(Mathematics)
Lie rings
Ordered division rings
Ordered fields
Ordered rings
Ring domains
Struct ideals
UFC Matrix algebra
BT Mathematics
NT Algebraic geometry
Convex sets
Determinants(Mathematics)
Field theory(Algebra)
Linear algebra+
Nonlinear algebraic equations+

Algebraic functions
BT Functions(Mathematics)+

Algebraic geometry
UF Arithmetic genus
Jacobian varieties
Kahler varieties
Todd genus
BT Algebra+
Geometry+

Algebraic topology
UF Cohomology
Fiberings
Flows(Topology)
Geodesic flows
Homotopy
Kron's method
Kuranishi's theory
Line bundles
Non abelian cohomology
N-plane bundles
Poincare duality(Theorem)
Pontryagin product
Prolongations
Riemannian space
BT Topology+

Algeria
BT North Africa+

Algin
use Alginic acid

Alginates
use Alginic acid

Alginic acid
UF Algin
Alginates
Norgine
BT Polysaccharides+
Uronic acids+

ALGOL
use High level languages

Algorithms
RT Heuristic methods
BT Mathematics

Alignment
RT Bearing(Direction)
Clearances
NT Camber
Misalignment

Aliphatic acids
BT Organic acids+
NT Acrylic acid+
Fatty acids+
Sebacic acid
Succinic acid

Aliphatic compounds
BT Organic compounds
NT Aliphatic hydrocarbons
Hydrazines+

Aliphatic hydrocarbons
(1-SEP-1981)
Hydrocarbons with no benzene rings.
BT Aliphatic compounds+
Hydrocarbons+

Alkali glass
BT Glass+

Alkali metal alloys
UFC Alkali metal amalgams
BT Alloys
NT Cesium alloys
Lithium alloys
Potassium alloys
Sodium alloys

Alkali metal amalgams
use all Alkali metal alloys
Amalgams

Alkali metal compounds
BT Inorganic compounds+
NT Cesium compounds
Francium compounds
Lithium compounds+
Potassium compounds+
Rubidium compounds
Sodium compounds+

Alkali metals
BT Metals+
NT Cesium
Francium
Lithium
Potassium
Rubidium
Sodium+

Alkaline batteries
BT Electric batteries
NT Lithium batteries
Nickel cadmium batteries

Alkaline earth compounds
BT Chemical compounds
NT Alkaline earth oxides+
Barium compounds+
Beryllium compounds+
Calcium compounds+
Magnesium compounds+
Radium compounds
Strontium compounds+

Alkaline earth metals
BT Metals+
NT Barium
Beryllium
Calcium
Magnesium
Radium
Strontium

Alkaline earth oxides
BT Alkaline earth compounds+
Oxides+
NT Barium oxides
Beryllium oxides
Calcium oxides
Magnesium oxides

Alkalinity
RT Ph factor
Salinity
BT Chemical properties+

Alkaloids
UF Aconitine
Ajaconine
Annotinine
Atisine
Baptifoline
Carpaine
Delcosine
Hordenine
Napelline
Rhyncophylline
Ryanodine
UFC Colchicine derivatives
RT Drugs
NT Colchicine
Indole alkaloids+
Isoquinoline alkaloids+
Muscarine
Nicotine
Oripavine
Purine alkaloids+
Quinoline alkaloids+
Thebaine
Tropane alkaloids+

Alkalosis
use Metabolic diseases

Alkanes
BT Hydrocarbons+
NT Butanes
Cycloalkanes+
Decanes
Dodecane
Eicosane
Ethanes+
Heptanes
Hexadecane
Hexanes
Methane+
Methanes+
Nonane
Octadecanes
Pentanes
Propane+

Alkenes
BT Hydrocarbons+
Unsaturated hydrocarbons+
NT Butenes
Cycloalkenes+
Dienes+

Alkenes (cont.)
Ethylene+
Ethylenes+
Hexenes
Ketones+
Methylenes
Propenes+

Alkoxy radicals
BT Alkyl radicals+
Organic radicals+

Alkyd resins
use Polyester plastics

Alkyl radicals
BT Organic radicals+
NT Alkoxy radicals
Butyl radicals
Ethyl radicals
Hexyl radicals
Methyl radicals+
Nonyl radicals
Octyl radicals
Propyl radicals
Vinyl radicals

Alkyl transferases
UF Thiaminase I
BT Transferases+

Alkylation
BT Chemical reactions+
NT Methylation

Alkynes
BT Unsaturated hydrocarbons+
NT Acetylenes+

All inertial guidance
BT Inertial guidance+

All sky cameras
(1-OCT-1994)
A camera which can photograph the entire sky simultaneously.
BT Cameras+

All volunteer
BT Military personnel+

All weather
BT Weather+

All weather aviation
BT Aeronautics

All wing aircraft
BT Aircraft

Allantoin
use Hydantoins

Allergenic extracts
BT Biological extracts

Allergens
RT Skin tests
BT Allergic diseases+
Antigens

Allergic diseases
RT Hypersensitivity
Immunology
BT Diseases
NT Allergens
Anaphylaxis
Asthma
Dermatitis+

Allethrin
BT Insecticides+

Alligator weed
BT Aquatic weeds+

Allocations
UF Assignment
RT Distribution
Estimates
NT Billets(Personnel)
Frequency allocation

Allowed beta transitions
use Selection rules(Physics)

Alloxan
BT Pyrimidines+

Alloys
RT Metals
Solid solutions
NT Alkali metal alloys+
Aluminum alloys
Barium alloys
Beryllium alloys
Binary alloys
Bismuth alloys
Brazing alloys
Cadmium alloys
Calcium alloys
Carbon alloys
Casting alloys
Chromium alloys+
Cobalt alloys
Copper alloys+
Corrosion resistant alloys
Gadolinium alloys
Gallium alloys
Gold alloys
Hafnium alloys
Heat resistant alloys+
High strength alloys
Indium alloys
Intermetallic compounds+
Iron alloys+
Lead alloys
Low temperature alloys

Alloys (cont.)
Magnesium alloys
Magnetic alloys
Manganese alloys+
Mercury alloys+
Metalloid alloys+
Metastable alloys+
Neodymium alloys
Nickel alloys+
Palladium alloys
Phosphorus alloys
Platinum alloys
Plutonium alloys
Powder alloys
Rare earth alloys+
Rhodium alloys
Selenium alloys
Shape memory alloys
Silver alloys+
Soldering alloys+
Strontium alloys
Thallium alloys
Thorium alloys
Tin alloys
Titanium alloys
Uranium alloys
Vanadium alloys
Yttrium alloys
Zinc alloys
Zirconium alloys

Alluvium
RT Deltas
Sedimentary rock
Sediments
BT Soils

Almanacs
BT Books+

Alopecia
(1-MAY-1983)
Loss of hair usually from the scalp; may be partial or total, congenital, premature, or senile; baldness.
BT Integumentary diseases+

Alpha bombardment
BT Particle accelerator techniques+

Alpha chambers
use Alpha particle detectors

Alpha counters
BT Particle counters+
Radiation measuring instruments+

Alpha cross sections
BT Nuclear cross sections+

Alpha decay
BT Radioactive decay+

Alpha globulin
RT Haptoglobins
BT Serum globulin+

Alpha particle detectors
UF Alpha chambers
BT Radiation measuring instruments+

Alpha particle reactions
BT Nuclear reactions

Alpha particle spectroscopy
RT Alpha spectra
BT Nuclear radiation spectroscopy+

Alpha particles
BT Charged particles
Corpuscular radiation+
Ionizing radiation+
Nuclear particles
Nuclear radiation+

Alpha spectra
The distribution in energy or momentum of the alpha particles emitted by a radio nuclide.
RT Alpha particle spectroscopy
BT Particle spectra+

Alphabets
RT Alphanumeric data
NT Vowels

Alphanumeric data
RT Alphabets
BT Numbers+

Alphanumeric displays
BT Display systems

Alternating current
BT Electric current+

Alternators
BT Electric generators+

Altimeters
UF Aneroid chambers
RT Altitude
Barometers
Flight instruments
BT Measuring instruments+
Navigational aids+
NT Radio altimeters

Altimetry
use Height finding

Altitude
RT Altimeters
NT Elevation+
High altitude
Low altitude
Medium altitude
Sea level

Altitude acclimatization
(1-OCT-1991)
Slow physiological adaptation resulting from prolonged exposure to significantly reduced atmospheric pressure.
BT Acclimatization+

Altitude chambers
RT Space simulation chambers
BT Chambers
Test facilities+

Altitude controllers
BT Flight control systems+

Altitude sickness
RT Aerospace medicine
Decompression sickness
BT Stress(Physiology)+

Aluminates
RT Kaolinite
Spinel
BT Aluminum compounds+

Aluminides
BT Aluminum compounds+
NT Iron aluminide
Nickel aluminide
Titanium aluminide

Aluminized explosives
BT Explosives

Aluminized propellants
BT Monopropellants+

Aluminizing
use Aluminum coatings

Aluminosilicates
(1-JUL-1999)
BT Aluminum compounds+
Silicates+

Aluminum
RT Aluminum alloys
Aluminum compounds
BT Metals+

Aluminum alloys
RT Aluminum
Aluminum compounds
BT Alloys

Aluminum arsenides
BT Aluminum compounds+
Arsenides+
NT Aluminum gallium arsenides

Aluminum coatings
UF Aluminizing
BT Metal coatings+

Aluminum compounds
RT Aluminum
Aluminum alloys
BT Group III compounds+
NT Aluminates
Aluminides+
Aluminosilicates
Aluminum arsenides+
Aluminum laurate
Aluminum nitrides
Aluminum oxides
Aluminum sulfate
Triethylaluminum
Trimethylaluminum

Aluminum foil
BT Foils(Materials)

Aluminum gallium arsenides
BT Aluminum arsenides+
Gallium arsenides+

Aluminum intermetallics
BT Intermetallic compounds+

Aluminum laurate
BT Aluminum compounds+
Aluminum soaps+
Laurates+

Aluminum nitrides
(1-JAN-1999)
BT Aluminum compounds+
Nitrides+

Aluminum oxides
RT Corundum
BT Aluminum compounds+
Oxides+

Aluminum soaps
BT Soaps+
NT Aluminum laurate

Aluminum sulfate
BT Aluminum compounds+
Sulfates+

Alums
BT Sulfates+

Alveolar bone
BT Bones+

Alveoli
BT Lung+

Alzheimer disease
(1-JUN-1997)
BT Mental disorders+

Amalgams
(1-NOV-1980)
Alloys of mercury.
UFC Alkali metal amalgams
Amalgams (cont.)
BT Mercury alloys+

Amatex
BT Explosives

Amatol
BT Ammonium nitrate+
Explosives
Nitrotoluenes+

Amazon River
(1-SEP-1981)
The largest river in the world--flowing from the Peruvian Andes, east through Brazil to the Atlantic.
BT Rivers+

Ambient noise
BT Noise
NT Background noise

Ambiguity
(1-MAY-1983)
The state of being indefinite, uncertain, not clear. Having two or more possible meanings.
RT Intelligibility

Ambulances
BT Rescue vehicles+

Ambush
BT Guerrilla warfare+

Amebiasis
BT Parasitic diseases+

American Indians
(1-NOV-1980)
Members of the aboriginal race of America or of the aboriginal North and South American stocks, often excepting the Eskimos.
BT Ethnic groups+
Minorities

Americium
RT Americium compounds
BT Actinide series+
Transuranium elements+

Americium compounds
RT Americium
BT Transuranium compounds+

Amide hydrolases
BT Hydrolases+
NT Glutaminase
Penicillinase
Urease

Amides
RT Imides
BT Organic nitrogen compounds+
NT Acetamides+
Cyanamides
Formamides
Formamidines
Hydantoins
Oxamides
Sulfonamides

Amidines
BT Amines+
Imines+

Amidomycin
use Antibiotics

Amine fuels
BT Fuels

Amines
BT Organic nitrogen compounds+
NT Amidines
Anilines+
Catecholamines+
Ethanolamine
Ethylenediamine
Fluoroamines
Guanidines+
Hexamines
Histamine
Melamines
Methylamine
Methylene blue
Nitramines
Nitrosamines
Phenylamines
Phenylenediamines
Piperazines
Piperidines+
Pyrrolidines

Amino acids
RT Sialic acids
BT Organic acids+
NT Alanines+
Aspartic acid
Creatine
Cysteine
Cystine
Folic acid
Glutamic acid
Glutamine
Glutaric acid
Glycine
Histidine
Leucine
Methionine
Pyruvates
Serine
Tryptophan
Tyrosine

Amino plastics
Plastics made by the reaction of an amine with an aldehyde.
UF Amino resins
Melamine plastics
BT Thermosetting plastics+

Amino resins
use Amino plastics

Aminobenzoic acid(Para)
use Vitamin B complex

Aminopurines
use Purines

Aminotransferases
BT Transferases+

Ammeters
RT Coulometers
Electric current
BT Measuring instruments+

Ammino compounds
BT Ammonium compounds+
Metal compounds+

Ammonia
BT Nitrogen compounds+
NT Liquid ammonia

Ammonium compounds
BT Organic compounds
NT Ammino compounds
Ammonium nitrate+
Ammonium perchlorate
Hexamethonium compounds

Ammonium nitrate
BT Ammonium compounds+
Nitrates+
NT Amatol

Ammonium perchlorate
BT Ammonium compounds+
Perchlorates+

Ammonium picrate
UF Explosive D
BT Explosives

Ammunition
RT Magazines(Ordnance)
Weapons
BT Ordnance
NT Aircraft ammunition
Ammunition components+
Antiaircraft ammunition
Antiarmor ammunition+
Antimateriel ammunition
Antipersonnel ammunition+
Antiship ammunition+
Artillery ammunition
Cartridges+

Ammunition (cont.)
Caseless ammunition
Fin stabilized ammunition
Fragmentation ammunition+
Grenades+
High explosive ammunition
Incendiary ammunition+
Linkless ammunition
Mortar ammunition
Photoflash ammunition+
Projectiles+
Small arms ammunition
Spin stabilized ammunition+
Spotting rounds
Tracer ammunition
Training ammunition+
Unexploded ammunition

Ammunition belt links
UF Links(Ammunition belt)
BT Linkages
Ordnance

Ammunition cases
BT Ammunition containers+

Ammunition components
Component parts of ammunition, excluding projectiles, fuzes, and arming devices.
BT Ammunition+
NT Ammunition fragments
Bursting charges
Cartridge cases+
Depth charge components
Explosive trains+
Firing mechanisms(Ammunition)+
Kill mechanisms
Powder bags
Projectile components+
Rotating bands

Ammunition containers
UFC Small arms ammunition boxes
BT Containers
NT Ammunition cases

Ammunition damage
BT Damage

Ammunition feed mechanisms
BT Feed mechanisms
Gun components+

Ammunition fragments
UF Shrapnel
UFC Bomb fragments
Projectile fragments
BT Ammunition components+
Fragments

Amnesia
(1-NOV-1980)
Loss or impairment of memory; inability to recall past

Amnesia (cont.)
experiences.
RT Memory(Psychology)
Recall
Recognition
BT Mental disorders+
NT Amnesic aphasia

Amnesic aphasia
(1-NOV-1980)
Loss of memory for the appropriate names of objects, conditions or relations; accompanied by fragmented or hesitant speech.
BT Amnesia+
Aphasia+

Amniocentesis
(1-OCT-1999)
RT Fetus
BT Diagnosis(Medicine)+

Amoeba
BT Amoebina+
NT Entamoeba histolytica
Iodamoeba

Amoebic dysentery
use Dysentery

Amoebina
BT Rhizopoda+
NT Amoeba+

Amorphous materials
BT Materials

Amortization
BT Finance

Amphetamines
UF Deoxyephedrine
Desoxyephedrine
Dextroamphetamine sulfate
Methamphetamine
Paredrine
Pervitin
BT Sympathomimetic agents+

Amphibians
UF Batrachia
Newts
Salamanders
Toads
BT Vertebrates+
NT Frogs

Amphibious aircraft
BT Aircraft

Amphibious assault ships
BT Amphibious ships+

Amphibious operations
RT Landing forces
Seal teams
BT Military operations
NT Beach heads

Amphibious ships
BT Naval vessels(Combatant)+
NT Amphibious assault ships

Amphibious vehicles
RT Landing craft
BT Vehicles

Amphoteric
(1-MAY-1983)
Having both acidic and basic characteristics.

Amphotericin
BT Antibiotics+

Amplidynes
RT Power amplifiers
BT Electric generators+

Amplification
RT Magnification
NT Image intensification
Regeneration(Electronics)

Amplifiers
UFC Packaged amplifiers
Telephone amplifiers
RT Klystrons
NT Audio amplifiers
Bandpass amplifiers
Cathode followers
Current amplifiers
Dielectric amplifiers
Distributed amplifiers
Feedback amplifiers
Fluid amplifiers+
Light amplifiers+
Logarithmic amplifiers
Low noise amplifiers
Magnetic amplifiers
Operational amplifiers
Power amplifiers
Preamplifiers
Pulse amplifiers
Push pull amplifiers
Radiofrequency amplifiers+
Servoamplifiers
Transistor amplifiers
Tuned amplifiers
Video amplifiers
Voltage amplifiers

Amplitude
BT Intensity

Amplitude modulation
RT Pulse modulation
BT Modulation

Ampules
BT Containers

Amputation
RT Amputation stumps
Amputees
BT Excision+

Amputation stumps
RT Amputation

Amputees
RT Amputation
Artificial limbs
BT Casualties

Amusement
use Recreation

Amylases
use Glycoside hydrolases

Amyloidosis
use Metabolic diseases

Anaerobic bacteria
RT Anaerobic processes
Sarcina
BT Bacteria+

Anaerobic processes
RT Anaerobic bacteria

Analeptics
use CNS stimulants

Analgesia
RT Analgesics
Pain
BT Therapy+

Analgesics
UF Acetophenetidin
RT Analgesia
BT Drugs
NT Endorphins

Analog computer analysis
BT Analog computers+

Analog computers
BT Analog systems
Computers+
NT Analog computer analysis

Analog signals
BT Signals

Analog simulation
BT Computerized simulation+

Analog systems
RT Digital systems
NT Analog computers+

Analog to digital converters
UF Digitizers
BT Converters
Input output devices+

Analogies
BT Semantics+

Analogs

Analysis of variance
UF Variance analysis
BT Statistical analysis+
NT Bivariate analysis

Analysts
BT Personnel

Analytic functions
RT Power series
BT Complex variables+
Functions(Mathematics)+

Analytic geometry
BT Geometry+
NT Circles
Ellipses
Hyperbolas
Locus
Parabolas

Analytic number theory
(1-DEC-1984)
The study of problems concerning the discrete domain of integers by means of the mathematics of continuity.
BT Number theory+

Analytical chemistry
RT Chemical analysis
BT Chemistry+
NT Computational chemistry

Analyzers
RT Detectors
Monitors
NT Differential analyzers+
Electrostatic analyzers
Frequency analyzers+
Interference analyzers
Noise analyzers
Pulse analyzers+
Sound analyzers+
Spectrum analyzers+
Wave analyzers+

Anaphylactic shock
use all Anaphylaxis
Shock(Pathology)

Anaphylatoxins
BT Toxins and antitoxins

Anaphylaxis
UFC Anaphylactic shock
BT Allergic diseases+
Antigen antibody reactions+

Anastomosis
BT Cardiovascular system+

Anatomical models
BT Models

Anatomy
BT Biology+
NT Abdomen
Body fluids+
Cardiovascular system+
Cerebrovascular system
Digestive system+
Extremities+
Fistulas
Head(Anatomy)+
Hip+
Human body
Integumentary system+
Musculoskeletal system+
Neck(Anatomy)
Nervous system+
Organs(Anatomy)+
Reproductive system+
Respiratory system+
Sheaths(Anatomy)
Shoulders(Anatomy)
Thorax
Urinary system+

Anchor chains
BT Chains

Anchors
NT Anchors(Marine)
Anchors(Structural)
Grapnels

Anchors(Marine)
UF Ship anchors
RT Mooring
BT Anchors

Anchors(Structural)
UF Ground anchors
Guy stakes
Stakes
RT Guy wires
BT Anchors
Structural components+

Ancylostoma
BT Nematoda+

Androgens
BT Sex hormones+

Anechoic chambers
BT Acoustic equipment
Chambers
Anechoic chambers (cont.)
Test facilities+

Anemias
BT Blood diseases+
NT Sickle cell anemia

Anemometers
UF Glow anemometers
Wind gages
RT Airspeed indicators
Wind velocity
BT Measuring instruments+
NT Hot wire anemometers
Laser anemometers

Aneroid chambers
use Altimeters

Anesthesia
UFC Dental anesthesia
RT Anesthesiologists
BT Medicine+
NT Electroanesthesia

Anesthesiologists
RT Anesthesia
BT Medical personnel+

Anesthetics
Agents that produce local or general insensibility to pain, touch, or other stimuli. General anesthetics produce loss of all modalities of sensation and also of consciousness.
RT Ethers
BT Drugs
NT Barbiturates
Chloralose
Chloroform
Local anesthetics

Angiography
BT Radiography+

Angiotensin
(1-MAY-1983)
An octapeptide, produced in circulating plasma by interaction of the enzyme renin and the alpha globulin angiotensinogen. It appears to be the pressor vascoconstrictor and aldosterone-stimulating component of the renal pressor system.
UF Angiotonin
Hypertensin

Angiotonin
use Angiotensin

Angle bars
BT Structural components+

Angle of arrival
The angle between the line of propagation of electromagnetic waves and the earth's surface at the point of reception.
BT Angle of incidence+
Arrival

Angle of attack
BT Attack

Angle of attack indicators
RT Stall warning indicators
BT Indicators

Angle of incidence
(1-SEP-1981)
The angle formed by a ray arriving at a surface and the perpendicular to that surface at the point of arrival.
BT Angles
NT Angle of arrival
Grazing angles

Angles
RT Geometry
NT Angle of incidence+
Anhedral angle
Aspect angle
Bragg angle
Depression angles
Dihedral angle
Euler angles
High angles
Low angles+
Pitch(Inclination)
Right angles
Target angle+
Wide angles
Yaw

Angola
BT Subsaharan Africa+

Angular acceleration
RT Centrifugal force
BT Acceleration+

Angular momentum
RT Moment of inertia
BT Momentum

Angular motion
BT Motion
NT Roll+
Rotation+
Spinning(Motion)+
Tumbling
Twist(Motion)

Anhalonium alkaloids
UF Mescaline
Peyote
BT Isoquinoline alkaloids+

Anharmonic oscillators
BT Oscillators+

Anhedral angle
BT Angles

Anhydrides
NT Acetic anhydride

Anilines
BT Amines+
NT Toluidines

Animal communication

Animal diseases
BT Diseases
NT Veterinary diseases

Animal husbandry
BT Agriculture

Animal migration
BT Migration

Animal pigments
use Organic pigments

Animal starch
use Glycogen

Animals
RT Fur
Habitats
NT Aquatic animals+
Domestic animals+
Invertebrates+
Laboratory animals+
Nocturnal animals
Venomous animals+
Vertebrates+
Wildlife+

Anion exchange
use Ion exchange

Anions
BT Ions+

Anisole
BT Aryl ethers+

Anisotropy
RT Spatial distribution
BT Physical properties

Ankle
use all Joints(Anatomy)
Legs

Annealing
RT Tempering
BT Heat treatment

Annelida
UF Hirudinea
Leeches
Segmented worms
BT Worms+
NT Oligochaeta
Polychaeta

Annihilation radiation
BT Annihilation reactions+

Annihilation reactions
BT Photonuclear reactions+
NT Annihilation radiation

Annotinine
use Alkaloids

Announcement bulletins
(1-JUN-1989)
Periodic publications from information centers providing data on current literature.
BT Bibliographies+
NT TAB(DTIC)

Annular burners
BT Burners

Annular flow
(1-DEC-1984)
Ring shaped flow; flow from an annular nozzle.
BT Axisymmetric flow+

Annular nozzles
BT Nozzles

Annular wings
use Ring wings

Anodes
BT Electrodes
NT Anodes(Electrolytic cell)
Anodes(Electron tubes)

Anodes(Electrolytic cell)
BT Anodes+

Anodes(Electron tubes)
BT Anodes+
Electron tube components+

Anodic coatings
BT Coatings
Protective treatments+

Anodic polarization
BT Polarization+

Anomalies
UF Situs inversus(Viscera)
UFC Microphthalmia
Strabismus
NT Gravity anomalies+
Magnetic anomalies

Anopheles
BT Culicidae+

Anoplura
use Lice

Anorexia
BT Neuroses+

Anoxia
BT Pathology+

Antacids
BT Drugs

Antarctic regions
BT Cold regions+
NT Ross Sea

Antenna apertures
BT Apertures
NT Antenna windows

Antenna arrays
RT Acoustic arrays
Phased arrays
BT Antennas
Arrays
NT Focal plane arrays

Antenna components
Circuits, devices, and hardware for all types of antennas.
UF Antenna hardware
UFC Antenna filters
Baluns
Radio antenna filters
BT Antennas
NT Antenna feeds
Antenna masts
Antenna pedestals

Antenna configurations
Antennas distinguished by special design characteristics.
BT Configurations

Antenna couplers
(1-SEP-1981)
Any RF transformer, tuned line or other device that transfers energy efficiently from a transmission line to a receiver.
BT Couplers

Antenna feeds
UF Antenna horns
Horns(Antenna)

Antenna feeds (cont.)
RT Transmission lines
BT Antenna components+

Antenna fields
use Antenna radiation patterns

Antenna filters
use all Antenna components
Bandpass filters

Antenna hardware
use Antenna components

Antenna horns
use Antenna feeds

Antenna lobes
UF Lobing
BT Antenna radiation patterns+
NT Backlobes
Sidelobes

Antenna masts
BT Antenna components+
Masts+

Antenna pedestals
BT Antenna components+

Antenna radiation patterns
UF Antenna fields
RT Antennas
BT Radiation patterns+
NT Antenna lobes+
Nulls(Amplitude)

Antenna simulators
BT Simulators+

Antenna windows
RT Guided missile windows
BT Antenna apertures+

Antennas
RT Antenna radiation patterns
NT Aircraft antennas+
Antenna arrays+
Antenna components+
Beverage antennas
Broadband antennas+
Circular antennas
Coupled antennas
Cylindrical antennas
Dipole antennas
Directional antennas+
Ground vehicle antennas
Guided missile antennas
Microwave antennas+
Multiple beam antennas
Omnidirectional antennas+
Rocket antennas
Rotating antennas
Ship antennas+
Spacecraft antennas+

Antennas (cont.)
Telemetering antennas
Television antennas
Trailing wire antennas
Underground antennas
Unfurlable antennas

Anthelmintics
UF Vermifuges
BT Antiparasitic drugs+
NT Antischistosomal drugs

Anthoxanthin pigments
UF Bioflavonoids
Flavanol
Flavins
Flavones
Flavonones
Xanthones
BT Organic pigments+

Anthracenes
RT Phenanthrenes
BT Aromatic hydrocarbons+

Anthracite
(1-MAY-1983)
A high-grade metamorphic coal having a semi-metallic luster, high content of fixed carbon, and high density; and burning with a short blue flame and little smoke or odor.
UF Hard coal
Kilkenny coal
Stone coal
BT Coal+
Sedimentary rock+

Anthranilic acid
BT Benzoic acids+

Anthraquinones
BT Quinones+

Anthrax
(1-MAY-1983)
An acute infectious disease of cattle and sheep, transmissible to man and caused by bacillus anthracis.
RT Bacillus anthracis
BT Bacterial diseases+

Anthrax bacillus
use Bacillus anthracis

Anthrax vaccine
use all Bacillus anthracis
Vaccines

Anthrones
BT Ketones+

Anthropology
UF Ethnology
BT Social sciences
NT Anthropometry+
Ethnic groups+
Ethnography
Race(Anthropology)+

Anthropometry
Science of measuring the human body and its parts and functional capacities.
BT Anthropology+
Measurement
NT Cephalometry

Antiaircraft ammunition
UFC Antiaircraft projectiles
Antiaircraft rockets
RT Antiaircraft weapons
BT Ammunition+

Antiaircraft defense systems
RT Antiaircraft gunnery
BT Air defense+
NT Gun air defense systems

Antiaircraft fire
use Antiaircraft gunnery

Antiaircraft fire control systems
RT Aircraft fire control systems
Antiaircraft gunnery
BT Fire control systems+

Antiaircraft gun mounts
use all Antiaircraft guns
Gun mounts

Antiaircraft gunnery
UF Antiaircraft fire
RT Antiaircraft defense systems
Antiaircraft fire control systems
BT Gunnery

Antiaircraft guns
UFC Antiaircraft gun mounts
BT Antiaircraft weapons+
Guns+

Antiaircraft missiles
RT Air to air missiles
Surface to air missiles
BT Antiaircraft weapons+
Guided missiles

Antiaircraft projectiles
use all Antiaircraft ammunition
Projectiles

Antiaircraft rockets
use all Antiaircraft ammunition
Rockets

Antiaircraft weapons
RT Antiaircraft ammunition
BT Weapons+
NT Antiaircraft guns
Antiaircraft missiles

Antiarmor ammunition
Ammunition designed to defeat armored targets, especially by piercing or producing spalling.
UFC HESH projectiles
BT Ammunition+
NT Antitank ammunition
Armor piercing ammunition

Antibacterial serums
use Immune serums

Antibiotics
UF Amidomycin
Fumagillin
BT Chemotherapeutic agents+
NT Amphotericin
Chloramphenicol
Erythromycin
Fungicides
Griseofulvin
Josamycin
Neomycins
Nystatin
Penicillins
Polymyxins
Prodigiosin
Sodium cephalothin
Sodium colistimethate
Streptomycins
Sulfonamides
Tetracyclines+
Tuberculin
Vancomycin

Antibodies
UF Precipitins
RT Antigens
Gamma globulin
NT Agglutinins
Fluorescent antibody techniques
Immunoblocking antibodies
Immunoglobulins
Monoclonal antibodies
Opsonins
Rickettsial antibodies

Anticholinergic agents
use Parasympatholytic agents

Anticholinesterases
use Cholinesterase inhibitors

Anticoagulants
UF Heparin substitutes
RT Coumarins
BT Drugs
NT Heparin

Anticonvulsants
UF Antiepileptic agents
RT Barbiturates
BT Drugs

Anticorrosive coatings
use all Corrosion inhibition
Protective coatings

Anticorrosive paints
use all Corrosion inhibition
Paints

Anticrop agents
BT Herbicides+

Anticyclones
BT Atmospheric motion+

Antidepressive agents
use Psychoanaleptic agents

Antidisturbance devices

Antidiuretics
BT Drugs

Antidotes
RT Inhibitors
BT Drugs

Antiemetics
UF Antinauseants
Motion sickness drugs
RT Nausea
BT Drugs

Antiepileptic agents
use Anticonvulsants

Antiferroelectricity
BT Electricity

Antiferromagnetism
RT Ferromagnetism
BT Magnetic properties+

Antifoam agents
use Foaming inhibitors

Antifogging agents
BT Inhibitors

Antifogging devices
BT Safety equipment+

Antifouling
RT Cleaning

Antifouling coatings
UFC Antifouling paints
RT Tributyl tin
BT Protective coatings+

Antifouling paints
use all Antifouling coatings
Paints

Antifreezes
BT Additives

Antifriction bearings
UF Rolling contact bearings
BT Bearings
NT Ball bearings
Roller bearings+

Antifungal agents
use Fungicides

Antigen antibody reactions
UF Shwartzman phenomenon
RT Fluorescent antibody techniques
BT Immunology+
NT Agglutination
Anaphylaxis

Antigens
UF Agglutinogens
Bacterolysins
Haptens
Precipitinogens
RT Antibodies
Opsonins
Vaccines
NT Allergens
Immunogens+

Antihemophilia

Antihistaminics
UF Histamine antagonists
RT Histamine
BT Drugs

Antihypotensive drugs
RT Reserpine
BT Drugs

Antiinflammatory agents
(1-MAY-1983)
A substance such as cortisone, that counteracts inflammation.
BT Drugs

Antiintrusion devices
RT Intrusion detectors
BT Area security+

Antijamming
BT Electronic counter countermeasures+
NT Radar antijamming
Radio antijamming

Antiknock
BT Combustion+
NT Cetane number

Antileishmanial drugs
(1-SEP-1990)
Drugs/agents effective against Leishmania.
BT Antiparasitic drugs+

Antilymphocyte serum
BT Blood serum+

Antimalarials
RT Malaria
BT Antiparasitic drugs+
NT Chloroquine
Primaquine
Quinine

Antimateriel agents

Antimateriel ammunition
BT Ammunition+

Antimetabolites
Substances having a molecular structure similar to an essential metabolite but inhibiting or opposing its action.
UF Biological antagonists
Competitive antagonists
Enzyme antagonists
Folic acid antagonists
Metabolism inhibitors
BT Chemotherapeutic agents+
NT Methotrexate

Antimicrobial agents
BT Chemotherapeutic agents+

Antimissile defense systems
RT Guided missile countermeasures
Guided missile detection
BT Air defense+
NT Ballistic missile intercept systems+
Midcourse defense
Theater missile defense

Antimonates
BT Antimony compounds+

Antimonides
BT Antimony compounds+
NT Gallium antimonides
Indium antimonides

Antimony
RT Antimony alloys
Antimony compounds
BT Metals+

Antimony alloys
RT Antimony
BT Metalloid alloys+

Antimony compounds
RT Antimony
BT Group V compounds+
NT Antimonates
Antimonides+

Antinauseants
use Antiemetics

Antineoplastic agents
(1-JAN-00)
Pharmaceutical agents which inhibit the growth of neoplasms.
RT Neoplasms
BT Drugs

Antioxidants
UF Inhibitors(Oxidation)
Oxidation inhibitors
RT Corrosion inhibition
BT Additives

Antiparasitic drugs
BT Chemotherapeutic agents+
NT Anthelmintics+
Antileishmanial drugs
Antimalarials+

Antiparasympathomimetic agents
use Parasympatholytic agents

Antiparkinson agents
use Parasympatholytic agents

Antiparticles
RT Positronium
BT Elementary particles+
NT Antiprotons
Positrons

Antipersonnel agents
BT Chemical warfare agents+
NT Choking agents
Incapacitating agents+
Nerve agents+
Vesicants+

Antipersonnel ammunition
UFC Antipersonnel bombs
BT Ammunition+
Antipersonnel weapons+
NT Antipersonnel mines
Canister projectiles

Antipersonnel bombs
use all Antipersonnel ammunition
Bombs

Antipersonnel effects
BT Weapons effects+

Antipersonnel mines
BT Antipersonnel ammunition+
Land mines+

Antipersonnel weapons
BT Weapons+
NT Antipersonnel ammunition+
Booby traps

Antipest impregnants
use Pesticides

Antiplatelet drugs
RT Blood platelets
BT Drugs

Antiprotons
UF Negative protons
BT Antiparticles+
Charged particles
Nucleons+

Antipyretics
RT Fevers
BT Drugs

Antiradar coatings
Coatings or structures that absorb radar signals.
RT Aircraft finishes
Radar camouflage
BT Antireflection coatings+

Antiradiation agents
use Radioprotective agents

Antiradiation missiles
BT Guided missiles

Antirain agents
BT Weather modification+

Antireflection coatings
RT Optical retroreflection
BT Coatings
Countermeasures+
NT Antiradar coatings
Antisonar coatings
Nonreflecting coatings

Antisatellite defense systems
BT Space defense+

Antisatellite missiles
(1-DEC-1984)
Missiles whose target is an orbiting satellite.
BT Guided missiles

Antischistosomal drugs
RT Schistosomiasis
BT Anthelmintics+

Antiseize compounds
BT Lubricants

Antisense therapy
(1-JUL-00)
Antiviral therapy using snippets of genetic material designed to make disease-producing viruses ineffective by binding with their tRNA.
BT Chemotherapy+

Antiseptics
use Germicides

Antiserum
use Immune serums

Antiship ammunition
BT Ammunition+
NT Antiship missiles
Antisubmarine ammunition+
Torpedoes+

Antiship missiles
BT Antiship ammunition+
Guided missiles

Antiship warfare
BT Naval warfare+

Antisonar coatings
BT Antireflection coatings+
Camouflage+

Antispasmodic agents
Agents that produce spasmolytic action on smooth muscle.
UF Bronchodilators
Trasentine
RT Contraction
Isoproterenol
BT Muscle relaxants+

Antisubmarine aircraft
All types of aircraft, including airships, bombers, drones, and helicopters, for use against submarines.
BT Military aircraft+

Antisubmarine ammunition
UF Antisubmarine charges
UFC Antisubmarine bombs
RT Antisubmarine weapon projectors
BT Antiship ammunition+
NT Antisubmarine missiles
Depth bombs
Depth charges+

Antisubmarine bombs
use all Antisubmarine ammunition
Depth bombs

Antisubmarine charges
use Antisubmarine ammunition

Antisubmarine defense systems
UFC Antisubmarine nets
RT Harbor defense systems
BT Defense systems

Antisubmarine fire control systems
BT Fire control systems+

Antisubmarine missiles
(1-MAY-1983)
Missles whose targets are submarines.
BT Antisubmarine ammunition+
Antisubmarine weapons+
Guided missiles

Antisubmarine nets
use all Antisubmarine defense systems
Nets

Antisubmarine task forces
use all Antisubmarine warfare
Task forces

Antisubmarine warfare
UFC Antisubmarine task forces
RT Acoustic surveillance
BT Undersea warfare+
NT Hunter killer groups

Antisubmarine weapon projectors
UFC Depth charge projectors
RT Antisubmarine ammunition
BT Projectors(Ordnance)+

Antisubmarine weapons
(1-MAY-1983)
Any naval device designated to destroy submarines.
BT Weapons+
NT Antisubmarine missiles
Depth bombs
Depth charges+

Antisweep mines
BT Naval mines+

Antiswimmer defense systems
BT Defense systems

Antitank aircraft rockets
use all Aircraft rockets
Antitank ammunition

Antitank ammunition
UFC Antitank aircraft rockets
Antitank bombs
Antitank projectiles
Antitank rocket heads
Antitank rockets
AT rockets
HEAT projectiles(Antitank)
RT Antitank weapons
BT Antiarmor ammunition+

Antitank bombs
use all Antitank ammunition
Bombs

Antitank guns
UF AT guns
BT Antitank weapons+
Guns+

Antitank helicopters
use all Antitank warfare
Helicopters

Antitank mines
BT Land mines+

Antitank missiles
(1-SEP-1981)
Missiles designed to destroy or immobilize enemy tanks.
BT Antitank weapons+
Guided missiles

Antitank projectiles
use all Antitank ammunition
Projectiles

Antitank rocket heads
use all Antitank ammunition
Rocket warheads

Antitank rockets
use all Antitank ammunition
Rockets

Antitank warfare
UFC Antitank helicopters
BT Tank warfare+

Antitank weapons
RT Antitank ammunition
BT Weapons+
NT Antitank guns
Antitank missiles

Antithyroid agents
use Thyroid and antithyroid agents

Antitorpedo torpedoes
BT Torpedoes+

Antitorque rotors
BT Helicopter rotors+
NT Tail rotors+

Antitoxins
use Toxins and antitoxins

Antitubercular agents
RT Tuberculosis
BT Drugs

Antivehicle weapons
RT Vehicles
BT Weapons+

Antiviral agents
RT Viruses
BT Drugs

Antivirus software
(1-OCT-1999)
RT Computer viruses
BT Data processing security+

Anti-auxins
use Herbicides

Ants
use Formicidae

Anxiety
RT Stress(Physiology)
BT Emotions+

AO(Vessels)
use Tanker ships

Aorta
BT Arteries+

Aortic insufficiency
BT Cardiovascular diseases+
Circulatory insufficiencies+

Apertures
RT Openings
NT Antenna apertures+

Apes
BT Primates+
NT Chimpanzees

Apeu viruses
BT Group C arboviruses+

Aphasia
(1-NOV-1980)
Impairment in the use or comprehension of language caused by lesions of the cerebral cortex.
BT Mental disorders+
NT Amnesic aphasia

Aplysia
BT Gastropoda+

Apogee
BT Elliptical orbit trajectories+

Apomorphine
use Emetics

Appalachian Mountains
(1-JUN-1989)
A mountain range in E. North America, extending from S. Quebec Province to N. Alabama.
BT Mountains+

Apparent density
BT Density+

Appendages
RT Extremities
NT Flippers

Appetite
BT Perception+

Applicators
BT Small tools+
NT Paint applicators

Applied mathematics
BT Mathematics

Applied mechanics
BT Mechanics

Applied psychology
UF Psychotechnology
BT Psychology+
NT Industrial psychology
Military psychology+
Propaganda

Apprenticeship
BT Industrial training+

Approach
RT Arrival
Descent
BT Flight

Approach indicators
BT Flight instruments+
Navigational aids+

Approach lights
BT Navigational lights+

Approximate computation
use Numerical analysis

Approximation(Mathematics)
BT Mathematics
NT Chebyshev approximations
Hartree Fock approximation
Smoothing(Mathematics)
Truncation

Apricots
use Fruits

Aprons
BT Protective clothing+

Aptitude tests
UF Vocational tests
RT Aptitudes
BT Performance tests
Psychological tests+

Aptitudes
RT Aptitude tests
BT Learning+

Aqualung
use Scuba apparatus

Aquanauts
RT Scuba divers
BT Personnel

Aquatic animals
UF Marine animals
BT Animals
Aquatic organisms
NT Aquatic insects
Cetacea+
Cyclostomata
Daphnia
Echinodermata+
Fishes+
Marine borers+
Seals(Mammals)
Shellfish+
Sponges

Aquatic biology
UF Hydrobiology
BT Biology+
NT Marine biology

Aquatic insects
BT Aquatic animals+
Insects+

Aquatic organisms
NT Aquatic animals+
Aquatic plants+
Plankton+

Aquatic plants
BT Aquatic organisms
Plants(Botany)+
NT Aquatic weeds+
Kelp

Aquatic weeds
BT Aquatic plants+
Weeds+
NT Alligator weed
Water hyacinth

Aqueous solutions
(1-JUN-1997)
BT Solutions(Mixtures)+
NT Saline solution

Aquicludes
(1-NOV-1980)
Geological formations of rock or soil which, although porous and capable of absorbing water slowly, will not transmit it fast enough to furnish an appreciable supply for a spring or well.

Aquicludes (cont.)
BT Ground water+

Aquiculture
(1-DEC-1984)
Cultivation of natural faunal resources in water.
RT Hydroponics
BT Agriculture
NT Fisheries

Aquifers
RT Springs(Water)
BT Ground water+
NT Water table

Arab guerrillas
BT Guerrilla warfare+

Arabia
BT Middle East+
Southwest Asia+
NT Bahrain
Kuwait
Saudi Arabia
United Arab Emirates
Yemen

Arabian Sea
BT Indian Ocean+
NT Oman Gulf
Persian Gulf
Red Sea+

Arabic language
(1-OCT-1993)
BT Foreign languages+

Arabinose
BT Pentoses+

Arabs
BT Ethnic groups+
NT Palestinians

Arachnida
(1-DEC-1984)
UF Arachnids
BT Arthropoda+
NT Mites+
Spiders
Ticks+

Arachnids
use Arachnida

Arachnoid
use Meninges

Aragonite
BT Carbonate minerals+

Aramid fibers
use all Polyamide plastics
Synthetic fibers

Arbitration
(1-OCT-1997)
BT Negotiations

Arboviruses
UF Arthropod borne viruses
UFC Encephalitis viruses
BT Viruses+
NT Arenaviruses+
California encephalitis virus
Colorado tick virus
Group A arboviruses+
Group B arboviruses+
Group C arboviruses+
Rabies virus
Rift Valley fever virus
Tickborne viruses

Arc heaters
RT Arc heating
BT Heaters

Arc heating
RT Arc heaters
BT Heating

Arc jet engines
Engines in which thrust is provided by heating a gaseous propellant with an electric arc.
UF Electrothermal engines
RT Plasma engines
BT Electric engines+
Rocket engines+

Arc lamps
BT Discharge lamps+
NT Carbon arc lamps

Arc melting
RT Zone melting
BT Melting+
NT Consumable electrode process

Arc spraying
BT Coatings

Arc welding
BT Electric welding+
Fusion welding+
NT Gas metal arc welding+
Inert gas welding+
Plasma arc welding
Submerged arc welding

Arc welds
BT Welds

Arch dams
BT Dams

Archeologists
RT Archeology
BT Scientists+

Archeology
RT Archeologists
BT Social sciences
NT Fossils

Arches
RT Trusses
BT Structures

Archipelagoes
BT Islands+
NT Bahama Islands
Galapagos Islands
Indonesia+
Philippines

Architects
RT Architecture
BT Personnel
NT Marine architects

Architecture
RT Architects
Construction

Archives
BT Information centers

Arctic Ocean
BT Oceans+
NT Barents Sea
Beaufort Sea
Chukchi Sea
Kara Sea
White Sea

Arctic Ocean Islands
BT Islands+
NT Baffin Island
Barter Island
Franz Josef Land
Queen Elizabeth Islands+

Arctic regions
RT Permafrost
Tundra
BT Cold regions+

Area bombing
UF Pattern bombing
Scatter bombing
BT Bombing+

Area coverage
UF Footprint(Floor space)

Area defense
RT Area security
BT Defense systems

Area denial
BT Interdiction+

Area scanning
BT Scanning

Area security
RT Area defense
BT Security
NT Antiintrusion devices

Area suction
BT Boundary layer control+

Arecoline
BT Nicotinic acid+
Parasympathomimetic agents+

Arenaviruses
(1-JUN-1989)
Any of a group of viruses made up of plemorphic virions, 50-300nm in diameter, having 4 large and 1-3 small segments of single-stranded RNA and having ribosomes within the virions that give a sandy appearance.
BT Arboviruses+
NT Hantaan virus
Junin virus
Lassa fever virus
Machupo virus

Argasidae
use Ticks

Argentina
BT South America+

Argon
BT Rare gases+

Argon lasers
BT Gas lasers+

Arid land
RT Drought
BT Geographic areas
NT Deserts
Dry lakes+

Arithmetic
RT Addition
BT Mathematics
NT Arithmetic units
Division
Multiplication

Arithmetic genus
use Algebraic geometry

Arithmetic progressions
use Series(Mathematics)

Arithmetic units
BT Arithmetic+

Arizona
BT United States+

Arkansas
BT United States+

Arkansas River
(1-JUN-1989)
BT Rivers+

Armatures
RT Commutators
BT Electrical equipment

Armed Forces(United States)
use Military Forces(United States)

Armed forces medicine
use Military medicine

Armed forces police
use Military police

Armenia
(1-OCT-1994)
BT CIS+
Southwest Asia+

Arming devices
UF Arming units
Extender mechanisms
UFC Bomb arming units
Depth charge pistols
Fuze arming units
Rocket arming units
Torpedo exploder impellers
BT Firing mechanisms(Ammunition)+
Fuze functioning elements+
NT Arming sequence

Arming sequence
BT Arming devices+

Arming units
use Arming devices

Armor
BT Ordnance
NT Armor plate
Body armor
Composite armor
Radiological armor
Reactive armor
Rolled homogeneous armor
Spaced armor
Vehicular armor

Armor piercing ammunition
UFC Armor piercing bombs
Armor piercing projectiles
Armor piercing warheads
SAP bombs
BT Antiarmor ammunition+

Armor piercing bombs
use all Armor piercing ammunition
Bombs

Armor piercing projectiles
use all Armor piercing ammunition
Projectiles

Armor piercing warheads
use all Armor piercing ammunition
Warheads

Armor plate
RT Body armor
Metal plates
BT Armor+
Plates

Armored personnel carriers
BT Armored vehicles+

Armored vehicles
RT Vehicular armor
BT Military vehicles+
NT Armored personnel carriers
Tanks(Combat vehicles)

Arms(Anatomy)
RT Humerus
Ulnar nerve
BT Extremities+
NT Wrist

Arms control
BT Control
NT Disarmament

Army
UF Army department
UFC Army medicine
BT Military Forces(United States)+
NT Army Corps of Engineers
Field army+

Army aircraft
BT Military aircraft+

Army aviation
BT Aeronautics

Army budgets
BT Military budgets+

Army Corps of Engineers
BT Army+

Army department
use Army

Army depots
use all Army facilities
Supply depots

Army equipment
BT Logistics
Military equipment+

Army facilities
(1-SEP-1981)
An Army base or installation necessary for support of Army activities including security, communications, utilities, plants and systems, and real property for which the Army has operating responsibility.
UFC Army depots
BT Military facilities+

Army intelligence
(1-SEP-1981)
Includes every phase and handling of information from its evaluation collation, synthesis, interpretation and presentation, to its dissemination by the army.
BT Military intelligence+

Army medicine
use all Army
Military medicine

Army operations
BT Military operations
NT Truck convoys

Army personnel
UF Soldiers
BT Military personnel+
NT Infantry personnel

Army planning
BT Military planning+

Army procurement
BT Military procurement+

Army research
BT Military research

Army research laboratories
BT Laboratories+

Army training
BT Military training+

Aromatic compounds
BT Organic compounds
NT Aromatic hydrocarbons+
Phenols+

Aromatic hydrocarbons
BT Aromatic compounds+
Unsaturated hydrocarbons+
NT Anthracenes
Benzene+
Benzene compounds+
Biphenyl+

Aromatic hydrocarbons (cont.)
Cumenes
Fluorenes
Naphthalenes
Phenanthrenes
Styrenes
Toluenes+
Xylenes

Arrays
NT Acoustic arrays+
Antenna arrays+
Laser arrays
Linear arrays
Phased arrays
Seismic arrays
Suspended arrays
Towed arrays

Arresting(Process)
RT Arresting gear
Braking

Arresting gear
RT Arresting(Process)
Brakes
BT Landing aids

Arrhenius equation
BT Reaction kinetics+

Arrhythmia
UF Ventricular fibrillation
BT Cardiovascular diseases+

Arrival
RT Approach
NT Angle of arrival

Arrow-type projectiles
use all Fin stabilized ammunition
Projectiles

Arsenates
BT Arsenic compounds+

Arsenic
RT Arsenic alloys
Arsenic compounds
BT Metalloids+

Arsenic agents
BT Vesicants+

Arsenic alloys
RT Arsenic
BT Metalloid alloys+

Arsenic compounds
RT Arsenic
BT Group V compounds+
Nonmetallic compounds+
NT Arsenates
Arsenic sulfides
Arsenides+

Arsenic compounds (cont.)
Arsines
Arsonic acid

Arsenic sulfides
BT Arsenic compounds+
Sulfides+

Arsenides
BT Arsenic compounds+
NT Aluminum arsenides+
Gallium arsenides+
Indium arsenides

Arsines
BT Arsenic compounds+

Arsonic acid
BT Acids+
Arsenic compounds+

Arterenol
use Norepinephrine

Arteries
UFC Arteriolonecrosis
BT Blood vessels+
NT Aorta
Axillary arteries
Carotid arteries
Coronary arteries
Femoral arteries
Pulmonary arteries

Arteriolonecrosis
use all Arteries
Necrosis

Arthritis
RT Calcification
Joints(Anatomy)
BT Musculoskeletal diseases+
Rheumatic diseases+

Arthroplasty
use all Joints(Anatomy)
Prosthetics
Surgery

Arthropod borne diseases
BT Diseases
NT Mosquito borne diseases+
Tickborne diseases

Arthropod borne viruses
use Arboviruses

Arthropoda
UFC Compound eye
RT Exoskeleton
Larvae
BT Invertebrates+
NT Arachnida+
Crustacea+
Daphnia

Arthropoda (cont.)
Insects+

Artifacts
RT Museums

Artificial eyes
use all Eye
Prosthetics

Artificial heart
use all Heart
Mechanical organs

Artificial intelligence
Simulation of human thought processes by computers and other machines.
RT Automata
Self organizing systems
BT Bionics
NT Expert systems+
Hypertext

Artificial kidney
use all Kidneys
Mechanical organs

Artificial leather
BT Leather+
Synthetic materials+

Artificial limbs
RT Amputees
Extremities
BT Prosthetics+

Artificial lungs
use Respirators

Artificial precipitation
RT Cloud seeding
BT Precipitation
Weather modification+

Artificial radioactivity
BT Radioactivity

Artificial respiration
RT Cardiopulmonary resuscitation
BT Respiration+
Therapy+

Artificial satellites
UF Orbiting satellites
Satellite vehicles
Satellites(Artificial)
BT Spacecraft
NT Communication satellites
Geodetic satellites
Lunar satellites
Maneuvering satellites
Military satellites+
Navigation satellites
Reconnaissance satellites

Artificial satellites (cont.)
Satellite networks
Scientific satellites+
Solar satellites
Strategic satellites
Synchronous satellites

Artificial soils
BT Soils
Synthetic materials+

Artificial tissue
BT Prosthetics+
Tissues(Biology)

Artillery
RT Artillery units
Gunnery
BT Weapons+
NT Artillery rockets
Howitzers
Self propelled guns
Spotting rifles

Artillery ammunition
UFC Artillery shells
BT Ammunition+

Artillery fire
BT Gunfire+
Gunnery

Artillery rockets
BT Artillery+
Rockets

Artillery shells
use all Artillery ammunition
Projectiles

Artillery units
RT Artillery
BT Military organizations+

Aryl ethers
BT Ethers+
NT Anisole
Phenyl ether

Aryl radicals
BT Organic radicals+
NT Benzyl radicals
Carboranyl radicals
Phenyl radicals

Asbestos
RT Insulation
BT Fibers
Minerals

Ascaris
BT Nematoda+

Ascension Island
BT Atlantic Ocean Islands+

Ascent trajectories
Initial trajectories of vehicles from their launching points to the point of injection into orbit. Also, ascent through the earth's atmosphere.
RT Climbing
BT Trajectories+
NT Air to space
Takeoff

Ascites
BT Gastrointestinal diseases+

Ascomycetes
BT Fungi+
NT Coccidioides+
Saccharomycetes
Yeasts

Ascorbates
BT Ascorbic acid+
Esters+

Ascorbic acid
UF Vitamin C
BT Vitamins
NT Ascorbates

Aseismic areas
BT Geographic areas

Asepsis
BT Therapy+

Ashes
RT Residues
BT Combustion products

Asia
BT Eurasia+
NT Far East+
Northeast Asia+
South Asia+

Aspartic acid
BT Amino acids+

Aspect angle
BT Angles

Aspect ratio
BT Ratios

Asphalt
UF Asphaltite
RT Pavements
Petroleum products
BT Pitch(Material)+

Asphaltite
use Asphalt

Aspherical lenses
BT Camera lenses+
Curved profiles+
Lenses

Asphyxiation
BT Pathology+

Aspirators
BT Breathing apparatus+

Aspirin
use Salicylic acids

Asporogenous bacteria
BT Bacteria+

Assassination
(1-SEP-1981)
The act of assassinating, killing by treacherous violence; to murder violently, especially government officials.
BT Terrorism+

Assault
RT Attack
BT Crimes

Assault barges
use Landing craft

Assaying
BT Chemical analysis
Measurement
NT Bioassay

Assemblers
BT Industrial personnel+

Assembly
RT Assembly lines
Disassembly
Manufacturing
BT Fabrication

Assembly languages
BT Programming languages+

Assembly lines
(1-OCT-1997)
RT Assembly
BT Mass production+

Assignment
use Allocations

Assimilation

Associations
use Organizations

Associative processing
BT Data processing+

Assured destruction
(1-DEC-1984)
A highly reliable ability to inflict unacceptable damage on any opponent or combination of opponents at any time during the course of a nuclear war; even after absorbing a surprise first strike.
BT Destruction

Astatine
RT Astatine compounds
BT Halogens+
Metalloids+

Astatine compounds
RT Astatine
BT Halogen compounds+
Nonmetallic compounds+

Asteroids
BT Solar system+

Asthma
BT Allergic diseases+
Respiratory diseases+

Astigmatism
RT Visual perception
BT Eye diseases+
NT Nystagmus

Astrionics
BT Avionics+

Astro communication systems
use Space communications

Astrobiology
use Space biology

Astrocytes
BT Nerve cells+

Astrogeology
BT Geology+
NT Lunar geology

Astronautics
RT Aeronautics
BT Space sciences
NT Aerospace systems

Astronauts
UF Cosmonauts
BT Space crews+

Astronomers
BT Scientists+

Astronomical bodies
BT Astronomy+
NT Nebulae
Radio sources(Astronomy)+
Solar system+
Space objects
Stars+

Astronomical cameras
UF Schmidt cameras
BT Cameras+
NT Spectroheliographs

Astronomical geodesics
use Geodetic astronomy

Astronomical instruments
BT Instrumentation+
NT Pyranometers

Astronomical observatories
UF Observatories(Astronomical)
RT Telescopes
BT Observatories+
NT Solar observatories

Astronomy
UF Celestial observation
RT Geodetic astronomy
BT Physical sciences
NT Albedo(Astronomy)
Astronomical bodies+
Astrophysics
Radar astronomy
Radio astronomy+
Spherical astronomy
Stellar evolution
X ray astronomy

Astrophysics
BT Astronomy+
Physics+
Space sciences

Asymmetry
RT Eccentricity
Skewness
BT Symmetry

Asymptotic expansion
use Asymptotic series

Asymptotic normality
BT Normality+

Asymptotic series
UF Asymptotic expansion
BT Series(Mathematics)+

Asynchronous computers
BT Asynchronous systems
Computers+

Asynchronous systems
NT Asynchronous computers

Asynchronous transfer mode
(1-JUN-1997)
BT Electronic switching+

AT guns
use Antitank guns

AT rockets
use all Antitank ammunition
Rockets

Atabrine
use Cinchona alkaloids

Ataraxics
use Tranquilizers

Ataxia
BT Central nervous system+
Muscles+

Atelectasis
BT Respiratory diseases+

Atherosclerosis
BT Cardiovascular diseases+

Atisine
use Alkaloids

Atlantic Ocean
BT Oceans+
NT North Atlantic Ocean+
South Atlantic Ocean

Atlantic Ocean Islands
BT Islands+
NT Ascension Island
Azores
Bermuda
Block Island
Canary Islands
Falkland Islands
Faroe Islands
Greenland
Iceland
Ireland
United Kingdom
West Indies+

Atmosphere entry
UF Atmosphere reentry
Reentry aerodynamics
RT Aerodynamic heating
Descent trajectories
Entry control systems
Plasma sheaths

Atmosphere models
BT Models
NT Ionospheric models

Atmosphere reentry
use Atmosphere entry

Atmospheres
UFC Atmospheric moisture content
NT Controlled atmospheres+
Magnetosphere
Marine atmospheres
Planetary atmospheres+
Rarefied atmospheres
Stellar atmospheres+

Atmospheric absorption
use Atmospheric attenuation

Atmospheric attenuation
(1-MAY-1983)
A process in which the flux density of a parallel beam of energy decreases with increasing distance from the source as a result of absorption or scattering by the atmosphere.
UF Atmospheric absorption
BT Attenuation+

Atmospheric chemistry
RT Air pollution
BT Chemistry+
NT Ionospheric chemistry

Atmospheric condensation
BT Condensation+
Meteorological phenomena
NT Cloud cover+
Clouds+
Condensation trails
Dew+

Atmospheric contamination
use Air pollution

Atmospheric corrosion
BT Corrosion+

Atmospheric density
BT Density+

Atmospheric disturbances
RT Atmospheric physics
NT Greenhouse effect
Ionospheric disturbances+

Atmospheric electricity
BT Electricity
Meteorological phenomena
NT Lightning

Atmospheric heave
BT Atmospheric motion+
Heaving

Atmospheric impurities
use Air pollution

Atmospheric moisture content
use all Atmospheres
Humidity

Atmospheric motion
Movements of air masses in the earth's atmosphere, especially large-scale circulation patterns.
UF Atmospheric turbulence
RT Turbulence
BT Meteorological phenomena
Motion
NT Anticyclones
Atmospheric heave
Atmospheric tides
Clear air turbulence
Cyclones+
Wind+

Atmospheric physics
UF Aerophysics
RT Atmospheric disturbances
BT Physics+
NT Atmospheric scattering+
Cloud physics

Atmospheric pollution
use Air pollution

Atmospheric precipitation
Natural precipitation in the meteorological sense.
BT Meteorological phenomena
Precipitation
NT Hydrometeors+

Atmospheric pressure
use Barometric pressure

Atmospheric refraction
Refraction phenomena observed in light originating from a source outside the earth's atmosphere.
UF Rainbows
UFC Atmospheric refraction index
BT Meteorological phenomena
Refraction

Atmospheric refraction index
use all Atmospheric refraction
Refractive index

Atmospheric scattering
BT Atmospheric physics+
Scattering
NT Afterglows

Atmospheric sounding
RT Sounding rockets
BT Sounding

Atmospheric temperature
BT Meteorological phenomena
Temperature
NT Lapse rate

Atmospheric temperature (cont.)
Temperature inversion

Atmospheric tides
UF Tides(Atmospheric)
RT Microbarometric waves
BT Atmospheric motion+
Tides

Atmospheric turbulence
use Atmospheric motion

Atmospheric windows
BT Windows+

Atmospherics
Disturbances produced in electronic communications devices by atmospheric electrical phenomena.
UF Sferics
Spherics
BT Radio waves+
NT Dawn chorus
Precipitation static
Whistlers

Atolls
BT Coral reefs+
Islands+
NT Bikini Atoll
Enewetak Atoll
Kwajalein Atoll

Atom recombination
use Recombination reactions

Atomic beams
BT Particle beams+

Atomic bomb damage
use Nuclear explosion damage

Atomic bomb explosions
use Nuclear explosions

Atomic bomb tests
use Nuclear explosion testing

Atomic bombs
use Nuclear bombs

Atomic charge
BT Atomic properties

Atomic clocks
RT Chronometers
BT Clocks+
Timing devices

Atomic demolition munitions
BT Nuclear weapons+

Atomic energy
use Nuclear energy

Atomic energy engineering
use Nuclear engineering

Atomic energy levels
BT Atomic structure+
Energy levels
NT Ground state

Atomic energy plants
use Nuclear power plants

Atomic explosions
use Nuclear explosions

Atomic layer epitaxy
(1-OCT-1995)
BT Epitaxial growth+

Atomic mass unit
use Atomic properties

Atomic number
use Atomic properties

Atomic orbitals
RT Electron transitions
BT Atomic structure+

Atomic piles
use Nuclear reactors

Atomic power plants
use Nuclear power plants

Atomic properties
Properties of atoms arising from their nature as constituent parts of substances as distinct from material properties resulting from the arrangment of atoms into molecules and solids.
UF Atomic mass unit
Atomic number
Atomic weight
RT Atoms
Nuclear properties
NT Atomic charge
Atomic spectra+
Atomic structure+
Mass number
Spin states+

Atomic radii
use Atomic structure

Atomic reactors
use Nuclear reactors

Atomic spectra
BT Atomic properties
Electromagnetic spectra+
NT Rydberg constant

Atomic spectra (cont.)
Stark effect
Zeeman effect

Atomic spectroscopy
BT Spectroscopy

Atomic structure
Includes internal structures and characteristics differentiating one from another.
UF Atomic radii
BT Atomic properties
NT Atomic energy levels+
Atomic orbitals

Atomic transmutation
use Nuclear reactions

Atomic warfare
use Nuclear warfare

Atomic weight
use Atomic properties

Atomization
Conversion of a liquid or solid to a fine spray, minute particles, or light dust.
UF Nebulization
RT Aerosol generators

Atoms
RT Atomic properties
NT Adatoms
Recoil atoms
Stripped atoms

ATP
use Adenosine phosphates

Atrophy
RT Deterioration
BT Pathology+
NT Lipoatrophy

Atropine
BT Belladonna alkaloids+
Nitrogen heterocyclic compounds+

Atropine tolerance
use Toxic tolerances

Attachment
RT Adapters
BT Joining
NT Mooring
Tethering

Attack
RT Active defense
Assault
NT Angle of attack
Bombardment(Attack)

Attack (cont.)
Raids
Torpedo attack

Attack aircraft
BT Tactical aircraft+
NT Attack bombers
Attack helicopters

Attack bombers
BT Attack aircraft+
Bomber aircraft+

Attack helicopters
BT Attack aircraft+
Helicopters+

Attack submarines
BT Submarines+

Attention
UF Alertness
RT Consciousness
Vigilance
BT Behavior+

Attenuation
RT Attenuators
BT Losses
NT Acoustic attenuation
Atmospheric attenuation
Radiation attenuation
Transmission loss

Attenuators
RT Attenuation
Baffles
NT Mufflers+

Attitude(Inclination)
BT Orientation(Direction)
NT Leveling
Pitch(Inclination)
Roll+
Satellite attitude
Skewness
Tilt
Yaw

Attitude control systems
The part of the flight control system that directs and maintains the desired attitude of an aircraft or spacecraft.
BT Flight control systems+
NT Thrust vector control systems+

Attitude indicators
UF Airstream direction detectors
Turn and bank indicators
RT Turning flight
BT Flight instruments+
NT Horizon scanners
Horizontal indicators
Yawmeters

Attitudes(Psychology)
RT Adjustment(Psychology)
BT Behavior+
NT Cooperation

Attorneys
RT Litigation
BT Personnel

Attrition
BT Military tactics+

Audio amplifiers
UF Audiofrequency amplifiers
BT Amplifiers

Audio frequency
15 to 20,000 Hz.
UF Audiofrequency
UFC Audiofrequency oscillators
Audiofrequency transformers
RT Sound waves
BT Frequency

Audio tapes
BT Tapes

Audio tones
BT Sound+

Audiofrequency
use Audio frequency

Audiofrequency amplifiers
use Audio amplifiers

Audiofrequency oscillators
use all Audio frequency Oscillators

Audiofrequency transformers
use all Audio frequency Transformers

Audiologists
(1-OCT-1999)
RT Hearing
BT Medical personnel+

Audiometers
use Audiometry

Audiometry
The measurement and testing of hearing acuity for variations in sound intensity and pitch and for tonal purity.
UF Audiometers
RT Acoustic measurement

Audiovisual aids
BT Visual aids

Auditing
BT Accounting+

Auditory acuity
BT Acuity
Hearing+

Auditory afterimages
use all Afterimages
Hearing

Auditory defects
NT Deafness

Auditory illusions
use all Hearing
Illusions

Auditory nerve
RT Cochlear nerve
BT Cranial nerves+

Auditory perception
RT Perception(Psychology)
BT Perception+
NT Psychoacoustics

Auditory signals
UF Chimes
BT Acoustic signals+

Auditory thresholds
use all Hearing
Thresholds(Physiology)

Auger electron spectroscopy
BT Electron spectroscopy+
NT Auger electrons

Auger electrons
BT Auger electron spectroscopy+
Electrons+

Augers
BT Tools

Augmentation
UF Enhancement
NT Optical augmentation
Thrust augmentation

Aurorae
RT Electrical corona
BT Ionospheric disturbances+

Aus forming
use Hot working

Austenite
BT Steel+

Australia
BT Geographic areas

Austria
RT German language
BT Central Europe+
Western Europe+

Autoclaves
BT Containers

Autocorrelation
BT Correlation techniques+

Autocovariance functions
use Statistical functions

Autofrettage
BT Metalworking+

Autogyro rotor blades
use Rotor blades(Rotary wings)

Autogyro rotors
BT Rotary wings+

Autogyros
BT Rotary wing aircraft+

Autoignition
Spontaneous ignition of fuels or propellants owing to high engine temperatures, chemical impurities, etc.
UF Self-ignition
RT Spontaneous combustion
BT Ignition+

Autoimmune diseases
BT Diseases

Autoimmune reactions
BT Immunity+

Autoimmunization
BT Immunization+

Autoinjection
use Autointrusion

Autointrusion
(1-MAY-1983)
A process wherein the residual liquid of a differentiating magma is drawn into rifts formed in the crystal mesh at a late stage by deformation of unspecified origin.
UF Autoinjection

Automata
RT Artificial intelligence
Robotics
Sensor fusion
BT Information theory+

Automatic
NT Semiautomatic

Automatic frequency control
UF AFC

Automatic gain control
UF AGC(Electronics)
Automatic volume control

Automatic guns
use all Automatic weapons
Guns

Automatic pilots
Devices for maintaining a pre-determined course or flight attitude for an aircraft, missile, etc.
UF Autopilots
BT Flight control systems+

Automatic programming
BT Computer programming

Automatic rocket launchers
use all Automatic weapons
Rocket launchers

Automatic tracking
BT Tracking

Automatic transmissions
BT Transmissions(Mechanical)+

Automatic voice network
BT Communications networks+

Automatic volume control
use Automatic gain control

Automatic weapons
UFC Automatic guns
Automatic rocket launchers
BT Weapons+
NT Machine guns+

Automation
BT Adaptive control systems+

Automobile exhaust
BT Air pollution+
Exhaust gases+

Automobiles
use Passenger vehicles

Automotive components
BT Automotive vehicles+

Automotive engineering
RT Automotive engineers
BT Engineering

Automotive engineers
RT Automotive engineering
BT Engineers+

Automotive fuels
BT Fuels

Automotive industry
The manufacture of automobiles, trucks, and other self-propelled devices for the transportation of passengers and cargo on land.
BT Industries

Automotive vehicles
RT Trucks
BT Passenger vehicles+
NT Automotive components
Electric automobiles

Autonomic agents
Drugs that act peripherally, not on autonomic nerves, but directly on muscle and gland cells.
UF Ganglionic blocking agents
RT Autonomic nervous system
BT Drugs
NT Parasympatholytic agents+
Parasympathomimetic agents+
Sympatholytic agents
Sympathomimetic agents+

Autonomic nervous system
UF Adrenergic nerves
Parasympathetic nervous system
RT Autonomic agents
BT Nervous system+
NT Cholinergic nerves
Sympathetic nervous system

Autonomous navigation
BT Navigation

Autopilots
use Automatic pilots

Autopsy
RT Dissection
BT Pathology+

Autoradiography
UF Radioautography
BT Radiography+

Autorotation
UF Windmilling
BT Rotation+

Autosyns
use Synchros

Autotransformers
BT Transformers
Voltage dividers

Autumn
BT Seasons

Auxiliary

Auxiliary brakes
use Brakes

Auxiliary generators
use Standby generators

Auxiliary power plants
Systems for generating power that is not applied to the propulsion of a vehicle, but is used to operate peripheral equipment.
UF Power plants(Auxiliary)
BT Backup systems
Electric power plants

Auxins
use Growth substances

Availability
(1-SEP-1981)
The quality or condition of being available. Available is that that can be got, had or reached, handy or accessible.
RT Operational readiness
NT Isotope availability

Avalanche diodes
UF Breakdown diodes
Zener diodes
BT Semiconductor diodes+
NT Impatt diodes

Avalanche effect(Electronics)
BT Electronics

Avalanches
UF Earth slides
Rock slides
Snow slides

Aves
use Birds

Aviation accidents
UF Aircraft accidents
RT Downed aircraft
BT Accidents
NT Crash landings+

Aviation fuels
BT Fuels
NT Aviation gasoline

Aviation gasoline
BT Aviation fuels+
Gasoline+

Aviation goggles
(1-NOV-1980)
Protective eye equipment used especially by flight crews to avoid injury, splash-blindness and

Aviation goggles (cont.)
associated hazards.
BT Goggles+

Aviation injuries
BT Wounds and injuries

Aviation medicine
RT Aerospace medicine
BT Medicine+

Aviation personnel
BT Personnel
NT Aerial gunners
Air traffic controllers
Aviation technicians
Flight surgeons
Navigator bombardiers
Pilots

Aviation safety
RT Air traffic control systems
BT Safety
NT Airworthiness

Aviation technicians
BT Aviation personnel+
Technicians+

Avionics
BT Electronics
NT Astrionics

Avoidance
RT Collisions
NT Collision avoidance
Terrain avoidance

Awards
RT Benefits
BT Morale

Awareness
BT Cognition
NT Situational awareness

Axes
BT Coordinates

Axes(Coordinates)
use Coordinates

Axial flow
RT Radial flow
BT Axisymmetric flow+

Axial flow compressor blades
Rotor and stator blades for axial flow compressors.
BT Compressor blades+

Axial flow compressors
Compressors that force the fluid in a straight line parallel to the axis of the rotating impeller.

Axial flow compressors (cont.)
BT Rotary compressors+

Axial flow fans
Fans generating fluid flow parallel to the axis of rotation of the blades.
BT Fans+
NT Vaneaxial fans

Axial flow turbine rotors
BT Rotors
Turbine components+

Axial flow turbines
Turbines operated by the passage of a fluid parallel to the axis of rotation of the rotor.
BT Turbines+

Axial loads
(1-OCT-1992)
A force with its resultant passing through the centroid of a particular section and being perpendicular to the plane of the section.
UF Uniaxial loads
BT Loads(Forces)

Axial superchargers
use Superchargers

Axially symmetric flow
use Axisymmetric flow

Axial-flow pumps
use Propeller pumps

Axillary arteries
BT Arteries+

Axisymmetric
BT Symmetry

Axisymmetric flow
Flow of fluid through an axially symmetric device such that the direction of the flow is along the axis of symmetry.
UF Axially symmetric flow
BT Fluid flow+
NT Annular flow
Axial flow

Axle shafts
BT Shafts(Machine elements)
Vehicle chassis components+

Axon plasma
BT Nerve fibers+

Axons
(1-OCT-1992)
The fine tubular extensions down which impulses flow to the nerve terminal.
RT Neurotransmitters
BT Nerve cells+

Azeotropes
BT Solutions(Mixtures)+

Azerbaijan
(1-OCT-1994)
BT CIS+
Southwest Asia+

Azides
BT Nitrogen compounds+
NT Lead azides
Sodium azides

Azimuth
BT Orientation(Direction)

Azimuth gating

Azines
BT Pyridines+
NT Oxazines
Quinoxalines
Triazines

Azobenzenes
BT Benzene compounds+

Azoimide
use Hydrazoic acid

Azoles
BT Nitrogen heterocyclic compounds+
NT Benzoxazoles
Imidazoles
Oxadiazoles
Pyrazoles
Pyrroles+
Tetrazoles

Azores
BT Atlantic Ocean Islands+

Azotemia
use Uremia

Azotobacter
BT Azotobacteraceae+

Azotobacteraceae
BT Eubacteriales+
NT Azotobacter

Azulenes
BT Cycloalkenes+
Heterocyclic compounds+

B agents
BT Biological warfare agents+

B band
BT Ultrahigh frequency+

B lymphocytes
(1-JUL-1998)
BT Lymphocytes+

B type stars
BT Stars+

Babesia
BT Hemosporidia+

Babies
use Infants

Baboons
BT Monkeys+

Bacillaceae
UF Clostridium hemolyticum
Clostridium histolyticum
BT Eubacteriales+
NT Bacillus+
Clostridium+

Bacillary dysentery
BT Dysentery+

Bacillus
BT Bacillaceae+
NT Bacillus anthracis
Bacillus cereus
Bacillus subtilis
Bacillus thuringiensis
Legionella pneumophila

Bacillus anthracis
UF Anthrax bacillus
UFC Anthrax vaccine
RT Anthrax
BT Bacillus+

Bacillus botulinus
use Clostridium botulinum

Bacillus cereus
BT Bacillus+

Bacillus globigii
use Bacillus subtilis

Bacillus subtilis
UF Bacillus globigii
BT Bacillus+

Bacillus thuringiensis
BT Bacillus+

B

Back pressure
BT Pressure

Backblast
(1-SEP-1981)
A blast of gases to the rear of recoilless weapons, rocket launchers and rocket-assisted takeoff units.
BT Blast+

Backfills
RT Earth fills
BT Construction materials+

Backfire antennas
BT Directional antennas+

Backflow
(1-SEP-1981)
A flowing back or return toward a source. The entrance of water or other liquid from any but the regular source of a potable water supply system.
BT Fluid flow+

Background

Background noise
RT Squelch
BT Ambient noise+

Background radiation
BT Radiation

Backlash

Backlobes
BT Antenna lobes+

Backpacks
BT Containers
Manportable equipment+

Backscattering
RT Forward scattering
Nuclear scattering
BT Scattering

Backup systems
RT Standby equipment
NT Auxiliary power plants
Standby generators

Backward wave amplifiers
RT Backward wave tubes
BT Microwave amplifiers+

Backward wave oscillators
RT Backward wave tubes
BT Radiofrequency oscillators+

Backward wave tubes
RT Backward wave amplifiers
Backward wave oscillators
BT Traveling wave tubes+

Bacon
BT Meat+

Bacteremia
RT Hypotension
BT Blood diseases+
Signs and symptoms+

Bacteria
Note: Use specific bacteria names in combination with diseases to describe specific diseases.
RT Bacteriology
BT Microorganisms
NT Actinomycetales+
Aerobic bacteria
Anaerobic bacteria
Asporogenous bacteria
Bacteroides
Enteric bacteria
Eubacteriales+
Gram negative bacteria
Gram positive bacteria
Mycoplasmatales+
Myxobacteriales
Nitrobacter
Oral bacteria
Pseudomonadales+
Spirochaetales+

Bacterial aerosols
BT Biological aerosols+

Bacterial diseases
BT Infectious diseases+
NT Anthrax
Bacterial pneumonia
Brucellosis
Conjunctivitis
Impetigo
Leptospirosis
Melioidosis
Relapsing fever
Salmonellosis
Scarlet fever
Tetanus
Tuberculosis
Tularemia
Typhoid

Bacterial extracts
BT Biological extracts

Bacterial pneumonia
(1-OCT-1995)
BT Bacterial diseases+
Pneumonia+

Bacterial toxins
UFC Streptolysins
BT Toxins and antitoxins

Bactericides
use Germicides

Bacteriological laboratories
use Biological laboratories

Bacteriological warfare
use Biological warfare

Bacteriology
RT Bacteria
BT Microbiology+

Bacteriophages
BT Viruses+
NT Coliphage

Bacteriorhodopsin
(1-OCT-1999)
RT Optical filters
BT Organic pigments+

Bacteriostatic substances
use Chemotherapeutic agents

Bacterium tularense
use Franciscella tularensis

Bacteroides
BT Bacteria+

Bacterolysins
use Antigens

Baecklund transformations
use Transformations(Mathematics)

Baffin Bay
(1-OCT-1992)
A large inlet of the Atlantic Ocean between Greenland and Baffin Island.
BT North Atlantic Ocean+

Baffin Island
BT Arctic Ocean Islands+

Baffles
RT Attenuators
Deflectors
Panels
Shielding
BT Barriers+

Bag charges(Gun propellants)
use Powder bags

Bags
UF Bags(Containers)
Briefcases
Luggage

Bags (cont.)
BT Containers

Bags(Containers)
use Bags

Bahama Islands
BT Archipelagoes+
West Indies+

Bahrain
(1-SEP-1990)
An independent state in the W. Persian Gulf consisting of a group of islands.
BT Arabia+

Bailout
RT Ejection
Escape systems
BT Abandonment

Bainite
BT Steel+

Baja California
(1-JUN-1989)
Peninsula in N. W. Mexico separating the California Gulf from the Pacific Ocean.
BT Mexico+
Peninsulas+

Balance
RT Compensation
NT Heat balance

Balance of power

Balanced amplifiers
use Push pull amplifiers

Balances
UF Scales(Weighing)
BT Measuring instruments+
NT Microbalances

Balantidium
BT Ciliata+

Ball ammunition
BT Projectiles+

Ball bearings
BT Antifriction bearings+

Ball joints
BT Joints

Ball mills
BT Grinders

Ball powder propellants
BT Propellants

Ball valves
BT Valves

Ballast
RT Load distribution
BT Weight

Ballast tanks
BT Tanks(Containers)+

Ballistic cameras
UF Trajectory cameras
BT Cameras+

Ballistic missile intercept systems
(1-JUN-1989)
UFC Sea based ballistic missile intercept system
BT Antimissile defense systems+
NT Strategic defense initiative

Ballistic missile submarines
RT Fleet ballistic missiles
BT Nuclear powered submarines+

Ballistic missiles
use Guided missiles

Ballistic trajectories
RT Guided missile trajectories
BT Trajectories+
NT Depressed trajectories

Ballistics
The motion, behavior, or appearance of objects thrown, launched, or trajected by an applied force. For studies of the flight paths of such objects, see Trajectories.
RT Flight paths
NT Aeroballistics
Exterior ballistics+
Hydroballistics+
Interior ballistics+
Terminal ballistics+

Ballistite
BT Explosives
Smokeless propellants+

Ballistocardiography
BT Cardiography+

Balloon equipment
UFC Balloon gondolas
Balloon launchers
Balloon shrouds
Shrouds(Balloon)
RT Balloons
NT Balloonsondes

Balloon gondolas
use all Balloon equipment
Gondolas

Balloon launchers
use all Balloon equipment
Launching

Balloon shrouds
use all Balloon equipment
Cordage

Balloons
Lighter-than-air craft having no means of propulsion.
RT Airships
Balloon equipment
BT Aircraft
Inflatable structures+
NT Ballutes
Meteorological balloons
Powered balloons

Balloonsondes
BT Balloon equipment

Balloting(Interior ballistics)
BT Interior ballistics+

Ballutes
BT Balloons+
Parachutes

Balsa wood
use Wood

Baltic countries
(1-OCT-1991)
BT Eastern Europe+
NT Estonia
Latvia
Lithuania

Baltic Sea
BT Oceans+

Baluns
use all Antenna components
Coupling circuits

Banach space
RT Harmonic analysis
BT Functional analysis+
NT Hilbert space

Banana plants
BT Farm crops+

Bananas
use Fruits

Band gaps
(1-JUL-1999)
BT Energy bands
Energy gaps+

Band rejection filters
use Bandstop filters

Band saws
use Saws

Band selective amplifiers
use Bandpass amplifiers

Band spectra
BT Electromagnetic spectra+

Band structures
use Band theory of solids

Band theory of solids
UF Band structures
BT Theory

Bandpass amplifiers
UF Band selective amplifiers
BT Amplifiers

Bandpass filters
UFC Antenna filters
BT Filters
NT Crystal filters
High pass filters
Low pass filters

Bands(Projectiles)
use Rotating bands

Bands(Strips)

Bandstop filters
UF Band rejection filters
Band-rejection filters
RT Waveguide filters
BT Filters
NT Notch filters

Bandwidth
RT Frequency bands
NT Broadband
Narrowband

Band-rejection filters
use Bandstop filters

Bangladesh
(1-JUN-1989)
A republic, east of India on the Bay of Bengal. Formerly East Pakistan.
BT South Asia+

Banking
RT Savings
BT Finance

Banking flight
use Turning flight

Bankruptcy
BT Finance

Banks(Waterways)
RT Embankments
Levees
BT Landforms+

Baptifoline
use Alkaloids

Bar codes
BT Coding+

Barbados
BT Lesser Antilles+

Barbitals
use Barbiturates

Barbiturates
UF Barbitals
Pentothal sodium
Thiopental sodium
RT Anticonvulsants
Hypnotics and sedatives
Pentobarbital
BT Anesthetics+

Barbituric acids
BT Organic acids+
NT Thiobarbituric acid

Bare bases
BT Military facilities+

Barents Sea
BT Arctic Ocean+

Bargaining
BT Negotiations

Barges
Work vessels that are not ordinarily self-propelled.
BT Boats

Barium
RT Barium alloys
Barium compounds
BT Alkaline earth metals+

Barium alloys
RT Barium
BT Alloys

Barium chlorates
BT Barium compounds+
Chlorates+

Barium compounds
RT Barium
BT Alkaline earth compounds+
NT Barium chlorates
Barium ferrites
Barium halides
Barium titanates+
Yttrium barium copper oxides

Barium ferrites
BT Barium compounds+
Ferrites+

Barium halides
BT Barium compounds+
Halides+

Barium oxides
BT Alkaline earth oxides+

Barium strontium titanates
(1-APR-1999)
BT Barium titanates+
Strontium compounds+

Barium titanates
BT Barium compounds+
Titanates+
NT Barium strontium titanates

Barley
BT Cereals+
Farm crops+

Barnacles
RT Fouling organisms
BT Crustacea+

Barometers
RT Altimeters
Manometers
BT Height finding+
Meteorological instruments+
Pressure gages+

Barometric pressure
UF Atmospheric pressure
RT Pressure gradients
BT Meteorological phenomena
Pressure
NT Isobars(Pressure)
Microbarometric waves

Barracks
BT Housing(Dwellings)+
Military facilities+

Barrels
UF Casks
Kegs
BT Containers

Barrier coatings
RT Waterproofing
BT Protective coatings+

Barriers
RT Constrictions
BT Blocking
NT Baffles
Fences+

Barrow(Alaska)
BT Alaska+
Urban areas+

Bars
use Rods

Barter Island
BT Alaska+
Arctic Ocean Islands+

Bartonella
UFC Bartonella infections
BT Bartonellaceae+
NT Bartonella bacilliformis

Bartonella bacilliformis
BT Bartonella+

Bartonella infections
use all Bartonella
Infectious diseases

Bartonellaceae
BT Rickettsiales+
NT Bartonella+

Baryons
BT Elementary particles+
NT Hyperons+
Nucleons+

Basalt
UF Trap rock
BT Igneous rock+

Base closures
(1-OCT-1994)
Process of closing or greatly reducing the site of a military facility and preparing the site for other uses outside the Department of Defense.
BT Military downsizing+

Base detonating fuzes
UFC Base detonating projectile fuzes
Base detonating rocket fuzes
PIBD fuzes
BT Impact fuzes+

Base detonating projectile fuzes
use all Base detonating fuzes
Projectile fuzes

Base detonating rocket fuzes
use all Base detonating fuzes
Rocket fuzes

Base flow
Fluid flow at the base or extreme aft end of a body.
BT Fluid flow+

Base lines
BT Lines(Geometry)+

Base metal
BT Metals+

Base pressure
RT Aerodynamic drag
BT Pressure

Basements
BT Underground structures+

Bases(Chemistry)
BT Chemicals
NT Caustics
Hydroxides+

Bases(Structures)
BT Structures
NT Foundations(Structures)+
Slabs(Structural)

Bases(Transistors)
BT Transistors+

Basidiomycetes
BT Fungi+
NT Rusts(Fungi)+
Smuts(Fungi)

Basins(Geographic)
BT Geographic areas
NT Ocean basins
Stilling basins

Basophils
BT Polymorphonuclear leukocytes+

Batch processing
BT Processing

Bateman's method
use Integral equations

Baths
BT Hygiene

Bathyal zones
BT Ocean environments+

Bathymetry
RT Hydrography
BT Oceanographic data+

Bathythermograph data
BT Oceanographic data+

Bathythermograph hoists
use all Bathythermographs
Hoists

Bathythermographs
UFC Bathythermograph hoists
BT Oceanographic equipment

Bathythermographs (cont.)
Thermographs+

Bathyvessels
use Underwater vehicles

Batrachia
use Amphibians

Bats
BT Mammals+

Battalion level organizations
BT Regiment level organizations+
NT Company level organizations+
Seabees

Batteries(Electrical)
use Electric batteries

Battery chargers
RT Electric batteries
BT Electrical equipment

Battery compartments
BT Battery components+

Battery components
UF Bias batteries
BT Electric batteries
NT Battery compartments
Battery separators

Battery separators
BT Battery components+

Battle group level organizations
(1-DEC-1984)
A standing naval task force consisting of a carrier, surface combatants and submarines assigned in direct support, operating in mutual support with the task of destroying hostile forces within the assigned area of responsibility.
BT Military organizations+

Battle management
(1-OCT-1995)
RT Battles
BT Tactical warfare+

Battlefields
RT Forward areas
Rear areas
BT Combat areas

Battles
RT Battle management
Casualties
BT Warfare
NT Air land battles
Combat effectiveness
Order of battle

Battleships
UF BB(Vessels)
BT Naval vessels(Combatant)+

Bayes theorem
RT Statistical samples
BT Probability+
Theorems+

Bayonets
RT Rifles
BT Knives+

Bays
BT Geographic areas
NT Bengal Bay
Buzzards Bay
Chesapeake Bay
Delaware Bay
Fundy Bay
Hudson Bay
Massachusetts Bay
Narragansett Bay
Passamaquoddy Bay
Puget Sound
San Diego Bay
San Francisco Bay

Bays(Structural units)
BT Structural components+

Bazookas
BT Rocket launchers+

BB(Vessels)
use Battleships

Beach erosion
RT Beaches
BT Soil erosion+

Beach heads
BT Amphibious operations+

Beaches
RT Beach erosion
Dunes
Lagoons(Landforms)
Littoral drift
BT Shores+

Beacon lights
BT Beacons+
Navigational lights+

Beacons
Devices that guide or orient, usually by means of visible or electronic signals.
BT Navigational aids+
NT Beacon lights
Infrared beacons
Radar beacons
Radio beacons
Rescue beacons+

Beacons (cont.)
Sonar beacons

Beads

Beam equations
use Differential equations

Beam forming
RT Beam steering
Electron lenses
BT Optical phenomena+

Beam holes
UF Beam ports
Beam tubes(Nuclear)
BT Reactor system components

Beam lead technology
RT Beam leads

Beam leads
RT Beam lead technology
BT Circuit interconnections+
Electric terminals+

Beam ports
use Beam holes

Beam power tubes
BT Electron tubes+

Beam rider trajectories
BT Flat trajectories+

Beam splitting

Beam steering
RT Beam forming
Radiation patterns
BT Optical phenomena+
Steering

Beam tubes(Nuclear)
use Beam holes

Beams(Electromagnetic)
BT Beams(Radiation)
Electromagnetic radiation+
NT Laser beams
Radio beams+

Beams(Particle)
use Particle beams

Beams(Radiation)
RT Coherent radiation
Photon beams
NT Acoustic beams
Beams(Electromagnetic)+
Microbeams
Multiple beams(Radiation)
Narrow beams(Radiation)+
Particle beams+

Beams(Structural)
BT Structural components+
NT Box beams
Cantilever beams
Girders
Timoshenko beam
Web beams

Bean plants
BT Farm crops+

Beans
BT Vegetables+

Bearing(Direction)
UFC Bearing finding
RT Alignment
Direction finding
BT Orientation(Direction)

Bearing cages
BT Bearings

Bearing capacity
(1-OCT-1992)
Load per unit area which can be safely supported by the ground or floor.
RT Bearing strength
BT Structural properties+

Bearing finding
use all Bearing(Direction)
Direction finding

Bearing races
BT Bearings

Bearing rollers
RT Bearings
BT Rollers

Bearing strength
RT Bearing capacity
BT Compressive properties+
Shear properties+

Bearings
RT Bearing rollers
Friction
Gimbals
NT Antifriction bearings+
Bearing cages
Bearing races
Foil bearings
Gas bearings
Jewel bearings
Thrust bearings

Beat signals
BT Signals

Beaufort Sea
BT Arctic Ocean+

Bed rest
BT Rest+

Bedding
UF Hammocks
NT Blankets
Mattresses
Sleeping bags

Beds(Process engineering)
RT Fluidized bed processors
Percolation
BT Industrial engineering+

Bee venom
use all Hymenoptera
Venoms

Beef
RT Bovines
BT Meat+

Bees
use Hymenoptera

Beeswax
BT Waxes+

Beetles
use Coleoptera

Behavior
RT Behavioral sciences
Migration
BT Psychology+
NT Adjustment(Psychology)
Attention
Attitudes(Psychology)+
Emotions+
Habits
Nesting(Animals)
Performance(Human)+
Reaction(Psychology)
Roles(Behavior)
Stress(Psychology)+
Verbal behavior
Vigilance

Behavioral sciences
RT Behavior
Developmental psychology
BT Social sciences
NT Psychology+

Belarus
(1-OCT-1994)
BT CIS+
Eastern Europe+

Belgium
BT European communities+
Western Europe+

Belize
(1-JUL-1998)
BT Central America+

Bell nozzles
BT Nozzles

Belladonna alkaloids
UF Hyoscyamine
BT Tropane alkaloids+
NT Atropine

Bellman's inequality
use Inequalities

Bellman's search problem
use Game theory

Bellows
BT Air supplies+

Belts
RT Straps
NT Power transmission belts

Belts(Machinery)
use Power transmission belts

Bench tests
BT Test methods+

Bending
BT Mechanical properties+

Bending brakes
use Metal forming brakes

Bending moments
RT Bending stress
BT Moments

Bending stress
RT Bending moments
Flexural strength
BT Stresses+

Bends(Physiology)
use Decompression sickness

Beneficiation
use Purification

Benefits
RT Awards
BT Economics
NT Fringe benefits

Bengal Bay
BT Bays+

Benthonic zones
(1-MAY-1981)
BT Ocean environments+
NT Abyssal zones
Littoral zones

Bentonite
use Clay minerals

Benzaldehydes
BT Aldehydes+

Benzene
BT Aromatic hydrocarbons+
NT Hexafluorobenzene
Nitrobenzenes

Benzene compounds
BT Aromatic hydrocarbons+
NT Azobenzenes
Chlorobenzene

Benzeneboronic acid
BT Acids+

Benzimidazoles
BT Heterocyclic compounds+

Benzoates
BT Esters+
NT Salicylates

Benzoic acids
BT Carboxylic acids+
NT Anthranilic acid
Salicylic acids
Tannic acid

Benzoin
BT Organic compounds

Benzonitriles
BT Nitriles+

Benzophenones
BT Ketones+

Benzoquinones
use Quinones

Benzoxazoles
BT Azoles+

Benzyl radicals
BT Aryl radicals+

Bergman integration
use Integration

Bering Sea
RT Bering Strait
BT North Pacific Ocean+

Bering Strait
RT Bering Sea
BT Straits+

Berkelium
RT Berkelium compounds
BT Actinide series+
Transuranium elements+

Berkelium compounds
RT Berkelium
BT Transuranium compounds+

Berlin
BT Germany+
Urban areas+

Bermuda
BT Atlantic Ocean Islands+

Bernoulli distribution
BT Distribution

Bernstein's theorem
use Complex variables

Beryl
BT Rock forming minerals+

Beryllides
BT Beryllium compounds+

Beryllium
RT Beryllium alloys
Beryllium compounds
BT Alkaline earth metals+

Beryllium alloys
RT Beryllium
BT Alloys

Beryllium compounds
RT Beryllium
BT Alkaline earth compounds+
NT Beryllides

Beryllium oxides
BT Alkaline earth oxides+

Bessel functions
RT Power series
BT Special functions(Mathematics)+

Beta counters
(1-SEP-1990)
Instruments that count beta particles.
BT Particle counters+
Radiation measuring instruments+

Beta decay
RT Beta particle reactions
BT Radioactive decay+
NT Electron capture

Beta particle reactions
RT Beta decay
BT Nuclear reactions

Beta particles
BT Corpuscular radiation+
Electrons+
Ionizing radiation+
Leptons+

Beta particles (cont.)
Nuclear radiation+

Beta ray spectrometers
use Nuclear radiation spectrometers

Beta ray spectroscopy
Studies of the momentum spectra of beta rays, photoelectrons, and conversion electrons.
RT Beta ray spectrum
BT Nuclear radiation spectroscopy+

Beta ray spectrum
The distribution in energy or momentum of the beta particles (not including conversion electrons) emitted in a beta-decay process.
RT Beta ray spectroscopy
BT Particle spectra+

Betatrons
RT Synchrotrons
BT Electron accelerators+

Bevatrons
RT Synchrocyclotrons

Beverage antennas
BT Antennas

Beverage powders
use all Beverages
Dehydrated foods

Beverages
UFC Beverage powders
BT Food
NT Alcoholic beverages
Coffee
Fruit juices
Milk+
Tea

Bhangmeters
BT Measuring instruments+

Bias
BT Discrimination

Bias batteries
use Battery components

Biaxial stresses
BT Stresses+

Bibliographies
RT Literature surveys
BT Documents
NT Announcement bulletins+

Bicarbonates
BT Carbonates+

Biceps
BT Muscles+

Biconical antennas
Antennas formed by two conical conductors having a common axis and vertex, and excited at the vertex.
BT Conical antennas+

Bicyclic structure(Mathematics)
use Groups(Mathematics)

Bieberbach conjecture
use Complex variables

Bifurcation(Biology)
(1-MAY-1983)
Point at which division occurs biologically.
NT Cell division+

Bifurcation(Mathematics)
(1-MAY-1983)
Point at which division occurs mathematically.
BT Parametric analysis+

Biharmonic functions
BT Functions(Mathematics)+

Bikini Atoll
BT Atolls+
Marshall Islands+

Bile
UF Bile acids
RT Bile pigments
Gallbladder
BT Body fluids+

Bile acids
use Bile

Bile ducts
BT Biliary system+

Bile pigments
UF Biliverdin
Urobilin
Urobilinogen
RT Bile
BT Organic pigments+
NT Bilirubin

Bilge keels
RT Bilges
BT Ship keels+

Bilges
RT Bilge keels
BT Ship hulls+

Biliary calculi
use all Biliary system
Calculi

Biliary system
UF Hepatic ducts
UFC Biliary calculi
Cholelithiasis
Gallstones
BT Gastrointestinal system+
NT Bile ducts
Gallbladder

Bilineurine
use Cholines

Bilirubin
BT Bile pigments+

Biliverdin
use Bile pigments

Billets
RT Billets(Personnel)
NT Billets(Materials)

Billets(Materials)
BT Billets

Billets(Personnel)
RT Billets
Manpower utilization
BT Allocations

Bimetals
(1-DEC-1984)
Laminates of two dissimilar metals with different coefficients of thermal expansion, bonded together.
RT Composite materials

Binary alloys
BT Alloys

Binary arithmetic
BT Number theory+

Binary chemical agents
BT Chemical agents

Binary compounds
BT Chemical compounds

Binary notation
BT Numbers+

Binary processors
BT Central processing units+

Binary stars
BT Stars+

Binders
Substances that produce cohesion or consistency in materials, thereby imparting desirable chemical or mechanical properties, especially as used in paints, propellants, or rubber. For substances used to join materials by adhering to their surfaces, see Adhesives.
RT Adhesives
NT Solid rocket propellant binders

Binding sites(Physiology)
use Receptor sites(Physiology)

Binet tests
use Intelligence tests

Binoculars
BT Optical equipment
NT Infrared binoculars

Binomials
BT Polynomials+

Bioacoustics
BT Acoustics

Bioassay
RT Biochemistry
BT Assaying+

Bioastronautics
use Space biology

Biochemical effects
use Biochemistry

Biochemical oxygen demand
UF Biological oxygen demand
RT Water pollution

Biochemical reactivation
BT Biochemistry+

Biochemical tests
use Biochemistry

Biochemistry
UF Biochemical effects
Biochemical tests
Physiological chemistry
RT Bioassay
Biophysics
BT Chemistry+
NT Biochemical reactivation
Blood chemistry+
Calcification
Cytochemistry
Enzyme chemistry
Histochemistry+
Hormones+
Immunochemistry+
In vitro analysis
Biochemistry (cont.)
In vivo analysis
Neurochemistry+
Pheromones
Urea+

Biocides
BT Toxins and antitoxins
NT Germicides
Pesticides+

Biodegradation
(1-OCT-1993)
The act of being broken down, especially into innocuous products, by the action of living things (such as microorganisms).
RT Biodeterioration
BT Degradation

Biodeterioration
RT Biodegradation
BT Deterioration+
NT Fungus deterioration

Biodynamics
RT Biomechanics
BT Biophysics+

Bioelectricity
BT Electricity
NT Nerve impulses

Bioengineering
RT Biophysics
BT Engineering
NT Biomimetics

Biofeedback
RT Human factors engineering
BT Feedback

Bioflavonoids
use Anthoxanthin pigments

Biofouling
use all Fouling
Fouling organisms

Biogeography
BT Geography+
NT Zoogeography

Biographies
BT Documents

Bioinstrumentation
BT Instrumentation+

Biological absorption
BT Absorption+
NT Hydrophilia
Transdermal absorption

Biological aerosols
RT Aerobiology
BT Aerosols+
NT Bacterial aerosols

Biological agent detectors
(1-SEP-1981)
Detectors to determine presence of any of the viruses, microorganisms and toxic substances derived from living organisms, and used as offensive weapons to produce death or disease in humans, animals, or growing plants.
RT Biological agents
BT Detectors

Biological agents
RT Biological agent detectors
NT Biological warfare agents+

Biological antagonists
use Antimetabolites

Biological bombs
BT Bombs+

Biological cells
use Cells(Biology)

Biological clocks
use Biological rhythms

Biological contamination
BT Contamination

Biological detection
BT Detection

Biological extracts
RT Biological products
NT Allergenic extracts
Bacterial extracts
Tissue extracts

Biological inactivation
BT Inactivation

Biological insect control
BT Insect control+

Biological laboratories
UF Bacteriological laboratories
BT Laboratories+

Biological oceanography
use Marine biology

Biological oxygen demand
use Biochemical oxygen demand

Biological pest control
BT Pest control+

Biological products
Medicinal preparations made from living organisms and their products for diagnostic and prophylactic use such as antibacterial and antiviral serums, toxoids, etc.
RT Biological extracts
NT Vaccines+

Biological rhythms
UF Biological clocks
Breeding cycles
Rhythm(Biology)
BT Chronobiology+
NT Circadian rhythms
Jet lag

Biological stains

Biological tissue preservation
(1-APR-00)
BT Preservation
NT Blood preservation

Biological tissue storage
use Tissue banks

Biological warfare
UF Bacteriological warfare
RT Biological warfare casualties
BT Warfare
NT Biological warfare agents+

Biological warfare agents
UFC Biological warheads
BT Biological agents
Biological warfare+
NT B agents

Biological warfare casualties
RT Biological warfare
BT Casualties

Biological warheads
use all Biological warfare agents
Warheads

Biological weed control
RT Herbicides
BT Weed control+

Biologists
BT Scientists+

Biology
BT Life sciences
NT Aerobiology
Anatomy+
Aquatic biology+
Biophysics+
Botany+
Chronobiology+
Cryobiology
Cultures(Biology)+

Biology (cont.)
Cytology+
Embryology
Genetics+
Hematology+
Histology+
Microbiology+
Molecular biology+
Mycology
Neurobiology
Parasitology+
Radiobiology+
Space biology
Taxonomy
Zoology+

Bioluminescence
RT Phosphorescence
BT Luminescence+

Biomagnetism
BT Magnetic properties+

Biomass conversion
(1-NOV-1980)
Conversion of organic matter, trees, plants, crops, farm and forest residues, microscopic algae, seaweed and garbage, into heat electricity, alcohol for automotive fuel or processed into methane or oil.
BT Energy conversion+

Biomechanics
RT Biodynamics
BT Bionics

Biomedical information systems
BT Information systems

Biomedicine
BT Medicine+

Biometrics
use Biometry

Biometry
UF Biometrics
RT Biostatistics

Biomimetics
(1-JUL-1998)
Synthetic materials whose structure mimics biological materials.
BT Bioengineering+
Synthesis(Chemistry)+
Synthetic materials+

Biomolecules
BT Molecules

Bionics
Simulation of biological process by electronic equipment.
RT Man machine systems
Neuristors
NT Artificial intelligence+
Biomechanics
Virtual reality

Bionomics
use Ecology

Biophysics
The application of physical methods and principles to biological problems.
RT Biochemistry
Bioengineering
BT Biology+
Physics+
NT Biodynamics
Biosonar
Health physics

Biopigments
use Organic pigments

Biopsy
RT Cultures(Biology)
BT Diagnosis(Medicine)+
Excision+

Biosonar
(1-OCT-1998)
Study of sonar in living creatures.
BT Biophysics+
Sonar

Biostatistics
RT Biometry
BT Statistics+

Biosynthesis
The production of chemical compounds by living organisms.
BT Synthesis
NT Photosynthesis

Biotechnology
(1-DEC-1984)
The application of engineering and technological principles to the life sciences, both medical and nonmedical. (selection and development of superior crops and livestock through cross-breeding techniques using code of genes to design systems on an industrial scale to reproduce life processes and products found in nature).
RT Clones
Medical equipment

Biotin
use Vitamin B complex

Biphenyl
BT Aromatic hydrocarbons+
NT Polychlorinated biphenyls
Rubrenes

Bipolar systems

Bipolar transistors
BT Transistors+

Bipropellants
Rocket propellants consisting of two components that are fed to the combustion chamber separately.
BT Liquid propellants+

Bird strikes
BT Collisions+

Birds
UF Aves
Fowl
BT Vertebrates+
NT Pigeons
Poultry+
Shorebirds+
Waterfowl+

Birefringence
UF Pockels effect
RT Moire effects
Pockels cells
BT Electromagnetic properties+
Nonlinear optics+

Birth
UF Childbirth
Parturition
BT Fertility+
NT Stillbirths

Biscyclopentadienones
BT Ketones+
Pentadienes+

Bismuth
RT Bismuth alloys
Bismuth compounds
BT Metals+

Bismuth alloys
UF Bismuthides
RT Bismuth
BT Alloys

Bismuth compounds
RT Bismuth
BT Group V compounds+
NT Bismuth oxides
Bismuth tellurides
Bismuth titanate

Bismuth oxides
BT Bismuth compounds+
Oxides+

Bismuth tellurides
BT Bismuth compounds+
Tellurides+

Bismuth titanate
BT Bismuth compounds+
Titanates+

Bismuthides
use Bismuth alloys

Bistable devices
RT Flip flop circuits

Bistatic detection
RT Bistatic radar
Bistatic sonar
BT Detection

Bistatic radar
RT Bistatic detection
BT Radar

Bistatic sonar
RT Bistatic detection
BT Sonar

Bites and stings
UFC Insect bites
Snake bites
BT Wounds and injuries

Bitumens
RT Bituminous coal
BT Organic materials+
NT Bituminous coatings

Bituminous coal
(1-MAY-1983)
A dark brown to black coal that is high in carbonaceous matter and has 15-50% volatile matter.
RT Bitumens
BT Coal+

Bituminous coatings
Coatings of tar, asphalt, or similar materials.
RT Pavements
BT Bitumens+
Organic coatings+

Bivariate analysis
BT Analysis of variance+

Bivariate density functions
BT Probability density functions+

Black(Color)
BT Colors+

Black and white photographic film
BT Photographic film+

Black and white photography
BT Photography

Black holes
(1-OCT-1994)
BT Neutron stars+

Black powder
BT Explosives

Black Sea
BT Oceans+

Blackbody radiation
Radiation from a surface or body that is a complete radiator. For radiation that causes heating of materials it contacts, see Thermal radiation. For radiation in the range 0.75 to 1,000 microns, see Infrared radiation.
BT Electromagnetic radiation+

Blackout(Physiology)
Temporary loss of vision or consciousness owing to cessation of blood flow to the cranial cavity, caused by linear or centrifugal acceleration. For fainting from other causes, see Syncope.
RT Acceleration tolerance
BT Pathology+

Blackout(Propagation)
BT Electromagnetic interference+

Blacks(Racial group)
(1-OCT-1995)
UF Negroes
BT Race(Anthropology)+
NT African Americans

Bladder(Urinary)
RT Urethritis
Vesicular viruses
BT Organs(Anatomy)+
Urinary system+

Bladders
BT Containers
NT Expulsion bladders
Swim bladders

Blade airfoils
BT Airfoils
NT Rotor blades(Rotary wings)

Blade tips
(1-JUN-1989)
The pointed or rounded ends or extremities of blades.
BT Blades

Blades
NT Blade tips
Fan blades
Propeller blades
Rotor blades+
Saw blades

Blaess method
use Numerical methods and procedures

Blankets
RT Protective coverings
BT Bedding

Blanking(Electronics)
BT Electronics

Blanks(Forms)
use Forms(Paper)

Blast
UF Blast effects
BT Explosion effects+
NT Backblast
Blast waves

Blast effects
use Blast

Blast furnaces
BT Furnaces+

Blast loads
RT Dynamic pressure
Explosions
Impact loads
BT Dynamic loads+

Blast resistant shelters
(1-DEC-1984)
Any structure, natural or manmade, that provides substantial protection against overpressures caused by nuclear explosions. Effectiveness is determined by the yield of the weapon, proximity to ground zero, and durability of the structure.
BT Shelters+

Blast tubes
BT Test equipment
Tubes
NT Shock tubes+

Blast waves
BT Blast+

Blasting caps
use Detonators

Blastomyces
BT Deuteromycetes(Imperfect fungi)+

Blattidae
UF Cockroaches
BT Orthoptera+

Bleaching agents
RT Cleaning
Cleaning compounds
BT Chemical agents

Bleed systems
Systems which permit leakage from any hydraulic or pneumatic equipment, including combustion chambers, fuel tanks, turbines, etc.
BT Hydraulic equipment
Pneumatic equipment

Bleeding
use Hemorrhage

Blending
BT Mixing

Blends
use Mixtures

Blimps
use Airships

Blind bombing
BT Bombing+

Blind flying
use Instrument flight

Blindness
RT Eye
Vision
BT Eye diseases+
Pathology+
NT Flashblindness

Bloch equation
use Partial differential equations

Block copolymers
RT Block polymers
BT Copolymers+

Block Island
RT Block Island Sound
BT Atlantic Ocean Islands+
Rhode Island+

Block Island Sound
RT Block Island
Narragansett Bay
BT Sounds(Waterways)+

Block oriented random access memories
BT Random access computer storage+

Block polymers
RT Block copolymers
BT Polymers+

Blocking
UF Obstructing
RT Constrictions
Obstruction(Physiology)
Plugs
NT Barriers+

Blood
UF Hemolymph
RT Blood chemistry
Blood storage
Blood vessels
BT Body fluids+
Cardiovascular system+
Hematology+
NT Blood gases
Blood plasma+
Blood proteins+

Blood agents
BT Chemical warfare agents+

Blood analysis
BT Hematology+
NT Blood counts
Blood groups
Blood volume
Hematocrit
Hemograms

Blood banks
BT Genetic tissue identification+
Hematology+

Blood brain barrier
(1-OCT-1991)
Characteristic of capillaries of the brain that inhibit the crossing of all but the most simple of molecules.
BT Blood circulation+

Blood cells
BT Hematology+
NT Blood platelets
Erythrocytes+
Hematopoietic cells
Leukocytes+

Blood chemistry
RT Acidosis
Blood
BT Biochemistry+
Hematology+
NT Blood coagulation
Fibrinolysis
Hemolysis
Hypercalcemia
Hypocapnia

Blood circulation
UFC Coronary circulation
BT Circulation
Physiology
NT Blood brain barrier
Ischemia
Pulmonary blood circulation

Blood clots
use Blood coagulation

Blood coagulation
UF Blood clots
Plasma clots
RT Fibrin
Fibrinogen
Fibrinolysis
Heparin
Intravascular clots
BT Blood chemistry+
Coagulation

Blood counts
RT Counting methods
BT Blood analysis+

Blood diseases
UF Hemic diseases
Polycythemia
BT Diseases
NT Anemias+
Bacteremia
Blood group disorders+
Endotoxemia
Hemophilia
Hyperkalemia
Leukemia
Leukopenia
Septicemia
Thrombocytopenia
Thrombosis+
Toxemia+

Blood donors
BT Donors(Medicine)+

Blood forming organs
use Hematopoietic system

Blood gases
BT Blood+
Gases+

Blood group disorders
BT Blood diseases+
NT ABO incompatibility
Rh incompatibility

Blood groups
UF Blood types
Blood typing
Rh blood factors
BT Blood analysis+

Blood plasma
UF Plasma(Blood)
RT Electrolytes(Physiology)
BT Blood+
NT Blood serum+

Blood plasma substitutes
UF Plasma expanders
Plasma substitutes
BT Substitutes

Blood platelets
UF Platelets(Blood)
Thrombocytes
RT Antiplatelet drugs
Thrombocytopenia
BT Blood cells+

Blood preservation
BT Biological tissue preservation+

Blood preservatives
BT Preservatives

Blood pressure
BT Physiology
Pressure

Blood proteins
Proteins made in the blood from amino acids and tissue proteins.
UF Plasma proteins
BT Blood+
Proteins
NT Fibrin
Fibrinogen
Globulins+
Hemoglobin+
Interferon
Properdin
Serum albumin
Thrombin+
Thromboplastin

Blood serum
Blood plasma from which the fibrinogen has been removed.
BT Blood plasma+
NT Antilymphocyte serum
Complement(Biology)

Blood storage
RT Blood
BT Storage+

Blood substitutes
BT Substitutes

Blood sucking insects
BT Insects+

Blood transfusion
UF Plasma transfusions
Transfusions
BT Therapy+

Blood types
use Blood groups

Blood typing
use Blood groups

Blood vessels
UFC Cerebrovascular disease
RT Blood
Endothelium
BT Cardiovascular system+
NT Arteries+
Capillaries(Anatomy)
Vasoconstricting
Vasodilation
Veins+

Blood volume
UF Plasma volume
BT Blood analysis+
Volume+

Blooming
NT Thermal blooming

Blowby
(1-MAY-1983)
Leaking of a fluid between a cylinder and its piston during operation.

Blowdown
BT Advection

Blowers
RT Exhaust systems
BT Cooling and ventilating equipment+
NT Fans+

Blowflies
use Diptera

Blowoff

Blowouts
RT Tires
BT Motor vehicle accidents+

Blue
use Blue(Color)

Blue(Color)
(1-NOV-1980)
UF Blue
BT Colors+

Bluffs(Landforms)
use Cliffs

Blunt bodies
BT Bodies
Geometric forms

Boat and ship accidents
(1-SEP-1981)
Accidents at sea or in other bodies of water involving boats or ships.
RT Boat and ship safety
BT Accidents

Boat and ship safety
(1-SEP-1981)
Of or relating to safety on the seas or waterways.
RT Boat and ship accidents
BT Safety

Boats
Craft that can be hoisted aboard larger vessels.
RT Oars
Ships
NT Barges
Catamarans+
Crash rescue boats
Ferries(Water craft)
Fireboats
Gun boats
Hydrofoil craft
Lifeboats
Lighters(Boats)
Motor torpedo boats
Plastic boats
Rubber boats
Sampans
Swimmer vehicles
Tugboats

Boattail afterbodies
RT Tail assemblies
BT Afterbodies+

Bodies
NT Afterbodies+
Blunt bodies
Bodies of revolution+
Ceramic bodies
Concave bodies
Convex bodies+
Ducted bodies
Falling bodies
Floating bodies+
Prismatic bodies
Rectangular bodies
Sharp bodies
Slender bodies+
Solid bodies

Bodies of revolution
BT Bodies
Geometric forms
NT Conical bodies+
Cylindrical bodies+
Hemispheres
Hemispherical shells
Ogives
Parabolic bodies
Spheres+

Body armor
RT Armor plate
BT Armor+
Protective clothing+

Body attitude
use Posture(Physiology)

Body fats
use Lipids

Body fluids
RT Diuresis
Edema
Secretion
BT Anatomy+
Fluids
NT Bile
Blood+
Cerebrospinal fluid
Gastric juice
Lymph
Mucus+
Perspiration
Saliva
Tissue fluids
Urine+

Body temperature
RT Fevers
BT Physiology
Temperature
NT Heat production(Biology)
Hyperthermia
Hypothermia

Body weight
RT Obesity
BT Weight

Boehmite
(1-MAY-1983)
Gray, brown, or red orthorhombic mineral that is a major constituent of some bauxites.
BT Minerals

Bogie wheels
use Roadwheels

Bogs
use Swamps

Boiler compounds
RT Boilers
BT Water treatment+

Boiler tubes
RT Boilers
BT Tubes

Boiler water
use Feed water

Boilers
RT Boiler compounds
Boiler tubes
BT Heaters

Boiling
RT Boiling point
BT Phase transformations+
NT Film boiling
Nucleate boiling

Boiling point
RT Boiling
BT Physical properties
Temperature
Thermodynamic properties+

Boiling water reactors
BT Nuclear reactors

Boiloff
BT Evaporation+

Bolivia
BT South America+

Bolivian hemorrhagic fever
BT Hemorrhagic fevers+

Bolivian hemorrhagic fever virus
use Machupo virus

Bolometers
BT Measuring instruments+

Bolted joints
RT Bolts
BT Joints

Bolts
RT Bolted joints
BT Fastenings
NT Explosive bolts

Boltzman h-functions
use Special functions(Mathematics)

Boltzmann equation
UF Transport equation
RT Transport properties
BT Equations+

Bomb arming units
use all Arming devices
Bomb fuzes

Bomb auxiliary equipment
Equipment used in transporting, handling, storing, and launching bombs.
BT Bombs+
NT Bomb bays
Bomb carriers
Bomb ejectors
Bomb handling vehicles+

Bomb auxiliary equipment (cont.)
Bomb hoists
Bomb racks+
Bomb skids

Bomb bay doors
BT Aircraft doors+

Bomb bays
BT Bomb auxiliary equipment+

Bomb carriers
BT Bomb auxiliary equipment+

Bomb cases
BT Bomb components+

Bomb clusters
Clusters of conventional bombs used to increase the number of bombs in a launching configuration.
UFC Cluster adapters
BT Bombs+

Bomb components
Parts of bombs when considered as separate entities. For bomb handling and storing devices, see Bomb auxiliary equipment.
BT Bombs+
NT Bomb cases
Bomb fins
Bomb fuzes+

Bomb damage
BT Damage

Bomb directors
Devices used to adjust components of bomb launching equipment to provide corrections in the early part of bomb trajectories.
BT Fire control system components+

Bomb disposal tools
use all Bombs
Ordnance disposal tools

Bomb ejector cartridges
use all Bomb ejectors
Cartridges(Pad)

Bomb ejectors
UFC Bomb ejector cartridges
RT Aircraft fire control systems
BT Bomb auxiliary equipment+
Ejectors(Ordnance)+
Fire control system components+

Bomb fins
BT Aerodynamic control surfaces+
Bomb components+
Fins+

Bomb fragments
use all Ammunition fragments
Bombs

Bomb fuzes
UFC Bomb arming units
Bomb nose fuzes
Bomb tail fuzes
Bomb tail hydrostatic fuzes
BT Bomb components+
Fuzes(Ordnance)+
NT Tail fuzes

Bomb handling vehicles
BT Bomb auxiliary equipment+
Military vehicles+
NT Bomb trucks

Bomb hoists
BT Bomb auxiliary equipment+
Hoists+

Bomb nose fuzes
use all Bomb fuzes
Nose fuzes

Bomb racks
UF Bomb shackles
UFC Bomb shackle releases
BT Bomb auxiliary equipment+
NT Triple ejection racks

Bomb shackle releases
use all Bomb racks
Release mechanisms

Bomb shackles
use Bomb racks

Bomb skids
BT Bomb auxiliary equipment+
Skids

Bomb tail fuzes
use all Bomb fuzes
Tail fuzes

Bomb tail hydrostatic fuzes
use all Bomb fuzes
Hydrostatic fuzes
Tail fuzes

Bomb tossing
use Toss bombing

Bomb trajectories
BT Trajectories+

Bomb trucks
Ground transportation devices for bombs and aircraft rockets.
BT Bomb handling vehicles+
Trucks+

Bombardment(Attack)
BT Attack

Bombardment satellites
BT Military satellites+

Bomber aircraft
UFC Scout bombers
BT Military aircraft+
NT Attack bombers
Fighter bombers
Jet bombers+

Bombing
UFC Firebombing
Incendiary bombing
BT Weapon delivery+
NT Area bombing
Blind bombing
Dive bombing
High altitude bombing
High speed bombing
Low altitude bombing
Night bombing
Offset bombing
Precision bombing
Radar bombing
Skip bombing
Strategic bombing
Tactical bombing
Toss bombing

Bombing computers
BT Fire control computers+

Bomblets
Preformed bombs carried within a cluster warhead and dispersed by a bursting charge.
RT Cluster warheads
BT Bombs+

Bombs
UFC Antipersonnel bombs
Antitank bombs
Armor piercing bombs
Bomb disposal tools
Bomb fragments
Fragmentation bombs
HE bombs
High explosive bombs
SAP bombs
BT Ordnance
NT Biological bombs
Bomb auxiliary equipment+
Bomb clusters
Bomb components+
Bomblets
Chemical bombs
Depth bombs
General purpose bombs
Glide bombs
Guided bombs
Incendiary bombs+
Leaflet bombs

Bombs (cont.)
Nuclear bombs
Photoflash bombs
Practice bombs
Smoke bombs

Bombsights
BT Sights+

Bombycidae
use Lepidoptera

Bonded joints
BT Joints

Bonding
The holding together of parts, as with adhesives or cements. Also, the forces that hold parts together. For studies of the bonding forces in molecules, see Chemical bonds.
RT Adhesion
Cohesion
Pastes
Welding
BT Joining
NT Adhesive bonding
Case bonding
Diffusion bonding
Roll bonding

Bone fractures
RT Bones
BT Wounds and injuries

Bone marrow
UFC Bone marrow extract
RT Myeloma
BT Bones+
Hematopoietic system+
NT Erythropoiesis

Bone marrow extract
use all Bone marrow
Tissue extracts

Bones
UF Osteology
UFC Femur
RT Bone fractures
Osteoporosis
BT Connective tissue+
Skeleton+
NT Alveolar bone
Bone marrow+
Fibula
Humerus
Mandible
Maxilla
Panosteitis
Phalanges
Ribs
Skull
Tibia

Booby traps
RT Guerrilla warfare
Trip wires
BT Antipersonnel weapons+
Traps

Books
RT Libraries
BT Documents
NT Almanacs
Handbooks
Textbooks

Boolean algebra
UF Boolean lattice
Boolean sums
RT Set theory
BT Mathematical logic+

Boolean functions
use Special functions(Mathematics)

Boolean lattice
use Boolean algebra

Boolean sums
use Boolean algebra

Booms(Equipment)
RT Cranes
Winches
BT Positioning devices(Machinery)+
NT Aeronautical booms

Boost glide vehicles
Rocket-boosted winged vehicles capable of leaving the atmosphere and re-entering under aerodynamic control in an unpowered or gliding mode.
UF Skip-glide vehicles
RT Maneuverable reentry vehicles
BT Aerospace craft+

Boost phase
BT Climbing+

Booster motors
use Booster rocket engines

Booster rocket cases
use all Booster rocket engines
Rocket engine cases

Booster rocket engines
Rocket motors that assist the normal propulsion systems of guided missiles, aerospace vehicles, etc., at some time during flight.
UF Booster motors
Booster rockets
First-stage motors
Rocket boosters
UFC Booster rocket cases

Booster rocket engines (cont.)
BT Rocket engines+
NT Recoverable booster engines

Booster rockets
use Booster rocket engines

Booster vehicles
use Launch vehicles

Boosters(Explosives)
Assemblies of metal parts and explosive charges provided to augment the explosive components of fuzes, to cause detonation of the main explosive charge of munitions.
UFC Depth charge boosters
BT Explosive trains+
NT Mine boosters

Boots
BT Footwear+

Boranes
Compounds formed from the distillation of B2H6 or B4H10. For the compound BH3, use Boron compounds and hydrides.
BT Boron hydrides+
NT Carboranes
Decaboranes
Diboranes
Organoboranes
Pentaboranes

Borates
UFC Borax
BT Boron compounds+
Inorganic compounds+
NT Fluoborates

Borax
use all Borates
Sodium compounds

Bordetella
BT Brucellaceae+
NT Bordetella pertussis

Bordetella pertussis
BT Bordetella+

Boredom
RT Reaction(Psychology)
BT Stress(Psychology)+

Boreholes
RT Drilling
BT Cavities+
Holes(Openings)+

Borel functions
use Special functions(Mathematics)

Borel measure
use Measure theory

Bores
BT Holes(Openings)+

Borescopes
RT Boresighting
BT Optical instruments+

Boresighting
The process by which the axis of a gun bore and the line of sight are made parallel or are made to converse on a point.
UF Boresights
RT Borescopes
BT Sights+

Boresights
use Boresighting

Boric acid
BT Inorganic acids+

Borides
BT Boron compounds+
Inorganic compounds+
NT Titanium boride

Borines
BT Boron compounds+
NT Phosphinoborines

Boring tools
use Drills

Born approximations
(1-OCT-1993)
Approximations used in scattering problems where the energy of the interaction is small compared to the energy of the initial system.
BT Scattering cross sections+

Borna diasease
use Equine encephalomyelitis virus

Borneo
BT Pacific Ocean Islands+
Southeast Asia+

Borohydrides
Compounds containing the univalent inorganic borohydride anion (BH4).
BT Hydrides+
NT Sodium borohydrides

Boron
RT Boron alloys
Boron compounds
BT Metalloids+

Boron alloys
UFC Boron steel
RT Boron
BT Metalloid alloys+

Boron carbides
BT Boron compounds+
Carbides+

Boron compounds
RT Boron
BT Group III compounds+
Nonmetallic compounds+
NT Borates+
Borides+
Borines+
Boron carbides
Boron hydrides+
Boron nitrides
Boron oxides

Boron hydrides
BT Boron compounds+
Hydrides+
NT Boranes+

Boron nitrides
BT Boron compounds+
Nitrides+

Boron oxides
BT Boron compounds+
Oxides+

Boron steel
use all Boron alloys
Steel

Borrelia
BT Treponemataceae+
NT Borrelia recurrentis

Borrelia recurrentis
BT Borrelia+

Bose Einstein condensates
(1-APR-00)
RT Quantum theory
BT Molecular states+

Bosnia Herzegovina
(1-OCT-1994)
BT Yugoslavia+

Bosons
BT Elementary particles+
NT Heavy bosons+
Mesons+
Photons

Botany
BT Biology+
NT Palynology+
Plants(Botany)+

Bottles
RT Flasks
BT Containers
NT Intravenous bottles

Bottom
BT Position(Location)
NT Ocean bottom+
Underbottom

Bottom bounce
RT Underwater sound
BT Acoustic reflection+

Bottom loss
BT Losses

Bottom waters
(1-MAY-1983)
Water lying beneath oil or gas in productive formations. The water mass at the deepest part of a water column in the ocean.
RT Abyssal zones
Ocean bottom
BT Water+

Botulism
(1-MAY-1983)
Poisoning of man and animals by a group of immunologically distinct types of clostridium botulinum acquired by man generally from the ingestion of improperly canned or preserved food.
UFC Botulism toxoid
RT Clostridium botulinum
BT Food poisoning+
Toxic diseases+

Botulism toxoid
use all Botulism
Vaccines

Bouguer gravity anomalies
BT Gravity anomalies+

Boulders
BT Rock+

Boundaries
UF Peripheries
RT Limitations

Boundary layer
RT Flow fields
BT Layers
NT Boundary layer transition
Laminar boundary layer
Thermal boundary layer
Turbulent boundary layer

Boundary layer control
RT Drag reduction
BT Control
NT Area suction
Jet flaps
Spoilers
Vortex generators

Boundary layer flow
BT Viscous flow+

Boundary layer transition
The transition from laminar to turbulent flow in a boundary layer.
RT Turbulence
BT Boundary layer+

Boundary layer trips
(1-DEC-1984)
Boundary layer control device.

Boundary value problems
RT Variational principles
BT Differential equations+
NT Cauchy problem

Bounded functions
use Functions(Mathematics)

Boussinesq-Papkovich stress function
use Special functions(Mathematics)

Bovines
UF Cattle
RT Beef
Foot and mouth disease virus
Milk
BT Livestock+
Mammals+

Bow shock
BT Shock

Box beams
BT Beams(Structural)+

Boxcars
BT Railroad cars+

Boxes
BT Containers
NT Cardboard boxes

Brackish water
BT Salt water+

Bradycardia
RT Heart rate
BT Cardiovascular diseases+
Pathology+

Bragg angle
RT Bragg scattering
BT Angles

Bragg scattering
(1-DEC-1984)
Scattering of x-rays or neutrons by the regularly spaced atoms in a crystal, for which constructive interference occurs only at definite angles called bragg angles.
RT Bragg angle

Braids
BT Fabrics+

Brain
UFC Brain tumors
Cerebrovascular disease
BT Central nervous system+
NT Cerebellum
Cerebrum+
Choroid plexus
Dura mater
Hypothalamus
Thalamus

Brain damage
BT Wounds and injuries

Brain tumors
use all Brain
Neoplasms

Brainwashing
BT Military psychology+

Brake fluids
RT Brakes
BT Hydraulic fluids+

Brakes
UF Auxiliary brakes
UFC Mechanical brakes
RT Arresting gear
Brake fluids
Braking
NT Chocks
Disk brakes
Electric brakes+
Hydraulic brakes
Pneumatic brakes
Vehicle brakes+
Water brakes

Brakes(Metalworking)
use Metal forming brakes

Braking
RT Arresting(Process)
Brakes
Deceleration
BT Stopping

Braking radiation
use Bremsstrahlung

Brass
BT Copper alloys+

Brassboard models
BT Models

Brayton cycle
BT Thermodynamic cycles+

Brazed joints
RT Brazing
BT Joints

Brazil
BT South America+

Brazing
The forming of heat-resistant metal joints by allowing melted alloys of copper, zinc, and silver to bind the members. The process is usually carried out on a hearth and the joints so formed may resist temperatures over 1,000C. For the similar joining process using tin-lead alloys to form joints much less resistant to heat, see Soldering.
RT Brazed joints
Brazing alloys
BT Thermal joining+

Brazing alloys
RT Brazing
BT Alloys

Bread
BT Food

Breadboard models
RT Prototypes
BT Models

Breakdown(Electronic threshold)
BT Electric discharges+

Breakdown diodes
use Avalanche diodes

Breakpoint temperature
BT Reaction kinetics+

Breakwaters
UF Jetties
Sea walls

Breast
use Mammary glands

Breast cancer
(1-OCT-1995)
RT Mammary glands

Breast cancer (cont.)
BT Cancer+

Breast reconstruction
(1-OCT-1997)
RT Mastectomy
BT Plastic surgery+

Breathing
use Respiration

Breathing apparatus
Apparatus that provides an oxygen supply or purifies available oxygen to permit breathing and usually to allow some freedom of movement in extreme environments, such as contaminated areas, high altitude, or underwater. For devices that maintain respiration in individuals physically unable to breathe normally, see Respirators.
RT Oxygen equipment
BT Life support systems
NT Aspirators
Breathing masks+
Respirators
Scuba apparatus
Snorkels

Breathing gases
BT Gases+

Breathing masks
The part of the breathing apparatus that fits over the head and face, with special mechanisms to allow inhalation and exhalation.
BT Breathing apparatus+
NT Oxygen masks
Protective masks+

Breech mechanisms
BT Gun components+

Breeder reactors
BT Production reactors+

Breeding
BT Reproduction(Physiology)+

Breeding cycles
use Biological rhythms

Bremsstrahlung
Electromagnetic radiation from the acceleration of a fast charged particle (usually an electron) that is deflected by another charged particle (usually a nucleus).
UF Braking radiation
RT Continuous spectra
BT Electromagnetic radiation+

Bribery
BT Crimes

Brick
BT Ceramic materials
Masonry+

Bridges
RT Crossings
NT Causeways
Girder bridges
Military bridges
Trestles

Briefcases
use Bags

Brigade level organizations
BT Division level organizations+
NT Regiment level organizations+

Brightness
RT Glare
Illumination
BT Optical properties+
NT Sky brightness

Brillouin zones
BT Crystal structure+

Brines
BT Salt water+

British Columbia
BT Canada+

British Guyana
use Guyana

Brittleness
RT Ductile brittle transition
Embrittlement
BT Mechanical properties+
NT Frangible
Hydrogen embrittlement

Broach powders
use Abrasives

Broaches
BT Small tools+

Broadband
BT Bandwidth
Frequency

Broadband antennas
UF Wideband antennas
RT Whip antennas
BT Antennas
NT Conical antennas+
Log periodic antennas
Spiral antennas

Broadband probes
use Electromagnetic probes

Broadband transducers
BT Transducers

Bromides
BT Halides+
NT Oxybromides

Bromination
BT Halogenation+

Bromine
RT Bromine compounds
BT Halogens+

Bromine compounds
RT Bromine
BT Halogen compounds+
NT Bromphenol blue

Bromphenol blue
(1-NOV-1980)
BT Bromine compounds+
Chemical indicators+
Phenols+

Bronchi
BT Respiratory system+

Bronchitis
BT Respiratory diseases+

Bronchodilators
use Antispasmodic agents

Bronchography
BT Radiography+

Bronchopneumonia
(1-NOV-1980)
Acute inflammation of the walls of the smaller bronchial tubes.
BT Pneumonia+

Bronze
BT Copper alloys+

Brownian motion
BT Motion

Browning reaction
use all Discoloration
Food

Brownouts(Electric power)
BT Electric power+

Brucella
RT Brucellosis
BT Brucellaceae+
NT Brucella abortus
Brucella bronchiseptica
Brucella melitensis
Brucella (cont.)
Brucella suis

Brucella abortus
BT Brucella+

Brucella bronchiseptica
BT Brucella+

Brucella melitensis
BT Brucella+

Brucella suis
BT Brucella+

Brucellaceae
UF Haemophilus influenzae
Hemophilus influenzae
BT Eubacteriales+
NT Actinobacillus+
Bordetella+
Brucella+
Pasteurella+

Brucellosis
UFC Brucellosis vaccine
RT Brucella
BT Bacterial diseases+

Brucellosis vaccine
use all Brucellosis
Vaccines

Brucine
use Strychnos alkaloids

Brushes

Brushless electrical equipment
BT Electrical equipment

Bubble chambers
BT Ionization chambers+

Bubble memories
BT Memory devices+

Bubbles
RT Foam
NT Cavitation
Explosion bubbles

Bucca
(1-MAY-1983)
Cheek.
BT Face(Anatomy)+

Buckling
BT Failure(Mechanics)+

Buckling(Neutron density)
BT Reactor lattice parameters+

Budget estimates
(1-OCT-1997)
BT Budgets+

Budgets
RT Fiscal policies
Income
BT Economic analysis+
NT Budget estimates
Federal budgets
Military budgets+

Buffer storage
RT Core storage
BT Data storage systems+
Memory devices+

Buffers

Buffers(Chemistry)
BT Solutions(Mixtures)+

Buffeting
BT Aerodynamic loading+

Buildings
BT Structures
NT Churches
Dining halls
Hangars
Museums
Office buildings
Prefabricated buildings
Roofs
Warehouses

Bulgaria
BT Eastern Europe+

Bulgarian language
(1-OCT-1996)
BT Foreign languages+

Bulging
BT Metalworking+

Bulk cargo
BT Cargo

Bulk filtering

Bulk materials
BT Materials

Bulk modulus
BT Mechanical properties+

Bulk semiconductors
BT Semiconductors+

Bulkheads
RT Hulls(Marine)
BT Walls+

Bulldozers
RT Construction equipment
BT Tractors+

Bullet jackets
use Projectile cases

Bullet wounds
BT Trauma+

Bulletproof glass
BT Glass+

Bullets
use Small arms ammunition

Bundles
RT Packets
BT Manportable equipment+
Packaging

Buoy lights
use all Buoys
Marker lights

Buoyancy
UFC Buoyancy recorders
BT Fluid mechanics+
Physical properties

Buoyancy recorders
use all Buoyancy
Recording systems

Buoys
UFC Buoy lights
RT Floats
BT Oceanographic equipment
NT Communication buoys
Mooring buoys
Sonobuoys
Spar buoys

Burglary
BT Crimes

Buried objects

Burma
BT Southeast Asia+

Burnable poisons
BT Poisons+

Burners
NT Annular burners
Oil burners
Ramburners

Burning
use Combustion

Burning process
use Combustion

Burning rate
RT Fuel consumption
BT Combustion+
Rates

Burnout
BT Stress(Psychology)+

Burns(Injuries)
Injuries caused by exposure to heat or to the sun. For burns caused by other radiations, as from reactor accidents or nuclear explosion, see Radiation injuries. For burns caused by chemical warfare agents, see Chemical warfare injuries.
UFC Sunburn
RT Laser damage
Radiation injuries
BT Wounds and injuries
NT Chorioretinal burns

Burnthrough
BT Combustion+

Burros
use Equines

Burst
use Rupture

Burst transmission
NT Meteor burst communications

Bursting charges
BT Ammunition components+
Explosive charges+

Bursting strength
BT Mechanical properties+

Burundi
(1-OCT-1997)
BT Subsaharan Africa+

Bus conductors
BT Transmission lines

Buses
use Passenger vehicles

Bushings
BT Spacers

Business
use Commerce

Business process reengineering
(1-OCT-1997)
A management discipline applied to redesign an organization's structure, processes, or culture, either continuously, or by large scale innovation.

Business process reengineering (cont.)
BT Management engineering+
NT Organizational realignment
Privatization+

Butadienes
BT Dienes+
NT Isoprene
Polybutadiene+

Butanes
BT Alkanes+

Butanols
BT Alcohols+

Butanones
BT Ketones+

Butenes
UF Butylene
Isobutylene
BT Alkenes+

Butt welding
BT Welding+

Butter
use Milk fat

Butterflies
use Lepidoptera

Butterfly valves
BT Valves

Buttocks
BT Hip+

Butyl radicals
BT Alkyl radicals+
Chemical radicals+

Butyl rubber
RT Latex
BT Rubber+

Butylene
use Butenes

Butyrates
BT Esters+

Butyric acids
BT Organic acids+

Buzzards Bay
(1-NOV-1980)
An inlet from the Atlantic Ocean in Massachusetts.
BT Bays+

Bypass valves
BT Valves

Byte functional modules
BT Digital systems
Modules(Electronics)+

BZ agents
BT Incapacitating agents+

C

C agents
BT Chemical warfare agents+

C band
5,000 to 6,000 megacycles.
BT Superhigh frequency+

C programming language
(1-OCT-1995)
BT High level languages+

Cable assemblies
BT Cables

Cable cutting devices
RT Cables
BT Cutting tools+

Cable fairings
RT Cables
BT Fairings

Cable grips
RT Electric cables
BT Holders

Cable reels
RT Cables
Field wire
BT Reels

Cable television
BT Television systems+

Cables
RT Cable cutting devices
Cable fairings
Cable reels
Strands
NT Cable assemblies
Electric cables+
Mechanical cables+
Multiconductor cables
Underwater cables

Cables(Electrical)
use Electric cables

Cacao
BT Trees+
NT Chocolate

Cadavers
RT Human body

Cadets
BT Military personnel+
Students+

Cadmium
RT Cadmium alloys
Cadmium compounds
BT Transition metals+

Cadmium alloys
RT Cadmium
BT Alloys

Cadmium compounds
RT Cadmium
BT Group II compounds+
NT Cadmium selenides
Cadmium sulfides
Cadmium tellurides+

Cadmium nickel batteries
use Nickel cadmium batteries

Cadmium selenides
BT Cadmium compounds+
Selenides+

Cadmium sulfides
BT Cadmium compounds+
Sulfides+

Cadmium tellurides
BT Cadmium compounds+
Tellurides+
NT Cadmium zinc tellurides
Mercury cadmium tellurides

Cadmium zinc tellurides
(1-JAN-1999)
BT Cadmium tellurides+
Zinc tellurides+

Caffeine
RT Coffee
BT Heterocyclic compounds+
Purine alkaloids+

Calcification
RT Arthritis
BT Biochemistry+

Calcination
(1-JUL-1998)
Heating a material below its melting point to effect a chemical or physical change.
BT Pyrolysis+

Calcite
BT Carbonate minerals+
Rock forming minerals+

Calcitonin
BT Hormones+

Calcium
RT Calcium alloys
Calcium compounds
BT Alkaline earth metals+

Calcium alloys
RT Calcium
BT Alloys

Calcium carbonates
(1-JUL-1999)
BT Calcium compounds+
Carbonates+

Calcium compounds
RT Calcium
BT Alkaline earth compounds+
NT Calcium carbonates
Calcium oxides
Gypsum

Calcium fluorides
BT Fluorides+

Calcium hydrides
BT Hydrides+

Calcium oxides
UF Lime
BT Alkaline earth oxides+
Calcium compounds+

Calculators
RT Computations
Computers
BT Office equipment and supplies

Calculi
Solid concretions composed chiefly of mineral substance and salt that may be formed in ducts, passages, hollow organs, or cysts.
UF Renal calculi
UFC Biliary calculi
Cholelithiasis
Dental calculi
Gallstones
Kidney stones
Nephrolithiasis

Calculus
BT Mathematics
NT Calculus of variations+
Monotone functions

Calculus of variations
UFC Matrix calculus
BT Calculus+
NT Variational methods
Variational principles+

Calendering(Sheet forming)
BT Material forming+

Calibration
BT Laboratory procedures+

California
BT United States+
NT Los Angeles(California)
San Diego Bay
San Francisco Bay
Santa Barbara Islands

California encephalitis virus
BT Arboviruses+

California Gulf
(1-JUN-1989)
Arm of the Pacific in N. W. Mexico between the Baja California Peninsula and Sonora and Sinaloa.
BT Gulfs+

Californium
RT Californium compounds
BT Actinide series+
Transuranium elements+

Californium compounds
RT Californium
BT Transuranium compounds+

Calligraphic displays
BT Display systems

Calorific value
(1-DEC-1984)
Quantity of heat liberated on the complete combustion of a unit weight or unit volume of fuel.
RT Calorimetry
BT Chemical properties+
Heat of reaction+

Calorimeters
RT Calorimetry
BT Measuring instruments+

Calorimetry
RT Calorific value
Calorimeters
BT Measurement
NT Differential scanning calorimetry
Microcalorimetry

Calutron
use Magnetic separation

Camber
RT Deflection
BT Alignment

Cambodia
BT Southeast Asia+

Camera components
BT Cameras+
NT Camera controls+
Camera lenses+
Camera magazines+
Camera shutters
Camera viewfinders
Exposure meters
Photographic lighting systems+
Photographic windows
Viewfinders

Camera controls
BT Camera components+
Control systems
NT Image motion compensation

Camera lenses
UF Photographic lenses
BT Camera components+
Optical lenses+
NT Afocal optical lenses
Aspherical lenses
Folded optical lenses+
Telephoto lenses+

Camera magazines
BT Camera components+
NT Film transport systems

Camera mounts
BT Mounts+

Camera shutters
UF Shutters(Camera)
BT Camera components+
Shutters(Optics)+

Camera tubes
BT Image tubes+
NT Iconoscopes
Image orthicons
Plumbicons
Vidicons+

Camera viewfinders
BT Camera components+

Cameras
RT Photographs
Photography
BT Photographic equipment+
NT Aerial cameras+
All sky cameras
Astronomical cameras+
Ballistic cameras
Camera components+
Copying cameras
Digital cameras
Gun sight cameras
High speed cameras+
Infrared cameras

Cameras (cont.)
Medical cameras
Motion picture cameras
Panoramic cameras
Photofluorographic cameras
Radar recording cameras
Reconnaissance cameras
Sonic cameras
Spacecraft cameras
Spectrographic cameras
Stereoscopic cameras
Television cameras
Tracking cameras
Underwater cameras
Wide field cameras
X ray diffraction cameras

Camouflage
The disguising of installations, vehicles, ships, personnel, etc. to reduce their visibility or conceal their actual location from the enemy.
BT Deception+
NT Antisonar coatings
Radar camouflage

Cams
RT Actuators
BT Positioning devices(Machinery)+

Can openers
use Kitchen equipment and supplies

Canada
BT North America+
NT Alberta
British Columbia
Manitoba
New Brunswick
Newfoundland(Province)
Northwest Territories+
Nova Scotia
Ontario
Quebec
Saskatchewan
Yukon Territory

Canadian equipment

Canal Zone
use Panama

Canals
BT Inland waterways+
NT Panama Canal
Suez Canal

Canard aircraft
use all Aircraft
Canard configurations

Canard configurations
UFC Canard aircraft
Canard missiles

Canard configurations (cont.)
Tail first planes
BT Aerodynamic configurations+

Canard missiles
use all Canard configurations
Guided missiles

Canary Islands
BT Atlantic Ocean Islands+

Cancellation
RT Elimination
Removal
Stopping

Cancer
Malignant neoplasms.
UF Carcinomas
UFC Cancer research
RT Carcinogenesis
Carcinogens
Oncogenic viruses
Oncologists
BT Neoplasms+
NT Breast cancer
Colon cancer
Hodgkins disease
Lung cancer
Metastasis
Ovarian cancer
Prostate cancer

Cancer research
use all Cancer
Medical research

Candida
RT Fungus diseases
BT Deuteromycetes(Imperfect fungi)+

Candles
RT Light
BT Light sources

Canister projectiles
BT Antipersonnel ammunition+
Fragmentation ammunition+
Projectiles+

Canisters
BT Containers

Canisters(Protective mask)
use Protective mask canisters

Cannabinols
RT Cannabis
BT Phenols+

Cannabis
UF Marihuana
RT Cannabinols
BT Plants(Botany)+

Canned foods
RT Canning
BT Food

Cannibalization
(1-JUN-1989)
Removal of serviceable parts from one item of equipment in order to install them on another item of equipment.
BT Logistics management+

Canning
RT Canned foods
BT Food processing

Cannon tubes
use Gun barrels

Cannulation
UF Catheterization
UFC Heart catheterization
RT Catheters
Intubation

Canopies
RT Windshields
NT Aircraft canopies
Parachute canopies
Tree canopy

Canted nozzles
Rocket motor nozzles having a thrust axis that is angular with the axis of symmetry of the vehicles on which they are mounted.
BT Nozzles

Cantilever beams
BT Beams(Structural)+

Canton Island
BT Polynesia+

Canyons
UF Gorges
BT Landforms+
Valleys+
NT Submarine canyons

Capacitance
UF Electrical capacity
RT Capacitors
BT Electrical impedance+

Capacitance bridges
BT Impedance bridges+

Capacities of sets
use Potential theory

Capacitors
RT Capacitance
NT Ceramic capacitors+
Electrolytic capacitors+

Capacitors (cont.)
Fixed capacitors+
Quartz capacitors
Variable capacitors

Capacity(Quantity)
NT Volume+

Cape Hatteras
BT North Carolina+

Capillaries(Anatomy)
BT Blood vessels+

Capillarity
RT Capillary tubes
BT Surface tension+
NT Capillary waves

Capillary tubes
RT Capillarity
BT Tubes

Capillary waves
BT Capillarity+

Capital
use Money

Capital investments
(1-OCT-1997)
BT Investments+

Capping
RT Coverings

Caprolactones
BT Cyclohexanones+

Caps(Explosives)
(1-SEP-1981)
A paper or metal container holding an explosive charge; such as a device used to detonate another charge.
BT Igniters+

Caps(Headgear)
use Headgear

Capsules(Pharmacy)
RT Tablets(Chemical)
BT Drugs

Capsules(Spacecraft)
use Space capsules

Captive airspace craft
BT Ground effect machines+

Captive flight
BT Flight

Captive tests
Operation of a missile or propulsion system on a test stand to determine or check performance.
UFC Firing tests(Rocket)
RT Test stands
BT Static tests+

Captor mines
BT Mines(Ordnance)+

Caratheodory's theorem
use Complex variables

Carbachol
UF Carbamylcholine chloride
BT Parasympathomimetic agents+

Carbamates
RT Carbamic acid
BT Esters+
NT Urethanes

Carbamic acid
RT Carbamates
BT Acids+

Carbamides
use Ureides

Carbamylcholine chloride
use Carbachol

Carbenes
BT Organic compounds

Carbide tools
RT Carbides
BT Cutting tools+

Carbides
RT Carbide tools
BT Carbon compounds+
Group IV compounds+
NT Boron carbides
Silicon carbides
Tantalum carbides
Tungsten carbides

Carbinols
BT Alcohols+

Carbohydrate metabolism
RT Diabetes
BT Metabolism+

Carbohydrates
UF Saccharides
BT Food
Organic compounds
NT Glycosides+
Polysaccharides+
Sugars+
Trisaccharides

Carbon
RT Carbon alloys
Carbon compounds
Coal
Soot
BT Nonmetals+
NT Activated carbon+
Carbon black
Coke
Diamonds+
Fullerenes
Glassy carbon
Graphite+

Carbon alloys
RT Carbon
BT Alloys

Carbon arc lamps
BT Arc lamps+

Carbon black
UF Lampblack
BT Carbon+

Carbon brushes
BT Electrical brushes+

Carbon carbon composites
BT Composite materials+

Carbon carbon lyases
UF Desmolases
BT Lyases+

Carbon compounds
RT Carbon
BT Chemical compounds
NT Carbides+
Carbon dioxide
Carbon disulfide
Carbon monosulfide
Carbon monoxide
Carbonates+
Carbonyl compounds+

Carbon dioxide
BT Carbon compounds+
Dioxides+

Carbon dioxide lasers
BT Gas lasers+
Infrared lasers+

Carbon disulfide
BT Carbon compounds+
Sulfides+

Carbon fibers
BT Fibers

Carbon monosulfide
BT Carbon compounds+
Sulfides+

Carbon monoxide
RT Carbon monoxide poisoning
BT Carbon compounds+
Monoxides+

Carbon monoxide indicators
BT Gas detectors+

Carbon monoxide lasers
BT Gas lasers+

Carbon monoxide poisoning
RT Carbon monoxide
BT Poisoning+
Toxic diseases+

Carbon nanotubes
(1-APR-1998)
BT Filaments

Carbon oxygen lyases
BT Lyases+
NT Carboxy lyases
Hyaluronate lyase
Hydro lyases+

Carbon phenolic materials
BT Composite materials+
Phenolic plastics+

Carbon reinforced composites
BT Composite materials+

Carbon removing compounds
BT Solvents+

Carbon resistors
BT Resistors+

Carbon steels
BT Steel+

Carbon tetrabromide
BT Halogenated hydrocarbons+

Carbon tetrachloride
BT Halogenated hydrocarbons+

Carbon tetrafluoride
BT Halogenated hydrocarbons+

Carbon yarn
BT Yarns+

Carbonate dehydratase
use Carbonic anhydrase

Carbonate hydro-lyase
use Carbonic anhydrase

Carbonate minerals
BT Minerals
NT Aragonite
Calcite
Dolomite

Carbonates
BT Carbon compounds+
NT Bicarbonates
Calcium carbonates
Polycarbonates
Sodium carbonates

Carbonic anhydrase
UF Carbonate dehydratase
Carbonate hydro-lyase
BT Hydro lyases+

Carbonitriding
use Case hardening

Carbonyl chloride
use Phosgene

Carbonyl compounds
BT Carbon compounds+
NT Metal carbonyls

Carboranes
BT Boranes+

Carboranyl radicals
BT Aryl radicals+

Carboxy lyases
BT Carbon oxygen lyases+

Carboxyl groups
use Carboxyl radicals

Carboxyl radicals
UF Carboxyl groups
BT Chemical radicals+

Carboxylic acids
BT Organic acids+
NT Benzoic acids+
Citric acid
Fatty acids+
Folic acid
Formic acid
Glyoxylic acid
Hygric acid
Lactic acid
Levulinic acids
Malic acid
Malonic acid
Neuraminic acid
Oxalic acid
Phthalic acids
Sebacic acid

Carboxylic ester hydrolases
UF Cholesterol esterase
Sterol ester hydrolase
BT Esterases+
NT Cholinesterase+

Carboxymethylcellulose
BT Polysaccharides+

Carbromal
use Ureides

Carburetor air scoops
RT Carburetors
BT Air intakes+

Carburetors
UFC Injection carburetors
RT Carburetor air scoops
Internal combustion engines
BT Engine fuel systems components+
NT Aircraft carburetors

Carburizing
BT Heat treatment

Carcinogenesis
RT Cancer
BT Pathology+

Carcinogens
RT Cancer
BT Drugs
NT Polychlorinated biphenyls

Carcinomas
use Cancer

Carcinotrons
BT Traveling wave tubes+

Cardboard boxes
BT Boxes+
Containers

Cardiac arrest
(1-MAY-1983)
Cessation of the heartbeat.
UF Heart arrest
RT Defibrillation
Heart
BT Cardiovascular diseases+

Cardiac care units
(1-APR-1998)
RT Cardiac patients
BT Intensive care units+

Cardiac glycosides
BT Drugs
NT Digitalis
Digitoxin

Cardiac muscle
use Heart

Cardiac patients
RT Cardiac care units
BT Patients+

Cardiographs
use Cardiography

Cardiography
UF Cardiographs
RT Heart
BT Medical examination+
NT Ballistocardiography
Echocardiography
Electrocardiography+
Phonocardiography

Cardiologists
RT Cardiology
BT Medical personnel+

Cardiology
RT Cardiologists
BT Internal medicine+

Cardiopulmonary resuscitation
(1-OCT-1998)
RT Artificial respiration
BT Resuscitation+

Cardiotachometry

Cardiovascular agents
UF Vasoactive agents
Vasopressors
BT Drugs
NT Hexamethonium compounds

Cardiovascular diseases
BT Vascular diseases+
NT Aortic insufficiency
Arrhythmia
Atherosclerosis
Bradycardia
Cardiac arrest
Circulatory insufficiencies+
Congestive heart failure
Coronary disease
Embolism+
Hematomas
Infarction+
Pulmonary edema
Rheumatic diseases+
Tachycardia
Thrombosis+

Cardiovascular system
UF Circulatory system
BT Anatomy+
NT Anastomosis
Blood+
Blood vessels+
Heart+
Hematopoietic system+
Lymphatic system+

Cards
RT Media
NT Punched cards

Careers
RT Jobs
Journeyman level

Careers (cont.)
BT Personnel development+
NT Journalism
Military occupational specialties+

Cargo
UF Freight
Lading
RT Cargo handling
Cargo nets
Cargo vehicles
NT Bulk cargo
Perishable cargo

Cargo handling
RT Cargo
BT Handling

Cargo nets
RT Cargo
BT Nets+

Cargo parachutes
BT Parachutes

Cargo ships
UF AF(Vessels)
BT Ships
NT Containerships

Cargo vehicles
UF Transport vehicles
RT Cargo
BT Vehicles
NT Gondolas
Trucks+

Caribbean Sea
BT Oceans+

Caribbean Sea Islands
use West Indies

Carnitine
use Vitamin B complex

Carnivora
BT Mammals+
NT Cats
Dogs+
Seals(Mammals)
Weasels
Wolverines

Carotenes
use Carotenoids

Carotenoids
UF Carotenes
Carotenols
Lycopene
Xanthophylls
RT Pigments
BT Organic pigments+

Carotenols
use Carotenoids

Carotid arteries
UF Carotid sinus
BT Arteries+

Carotid sinus
use Carotid arteries

Carpaine
use Alkaloids

Carpets
UF Rugs
RT Vacuum cleaners
BT Floor coverings+

Carriages
RT Dollies

Carrier based aircraft
RT Aircraft carriers
BT Naval aircraft+

Carrier controlled approach radar
Aircraft carrier radar systems that ascertain the positions of incoming planes by radar, and relay to the planes by radio information for making approaches.
RT Carrier landings
Radar navigation
BT Radar landing control+

Carrier frequencies
BT Frequency

Carrier landings
RT Carrier controlled approach radar
BT Aircraft landings+

Carrier mobility
BT Electrical properties+
Mobility
Transport properties+

Carrier onboard delivery
BT Delivery

Carrier waves
UF Subcarrier waves
BT Electromagnetic radiation+

Carriers(Disease)
use Disease vectors

Carriers(Naval vessels)
use Aircraft carriers

Carriers(Vehicles)
use Vehicles

Carrots
BT Vegetables+

Cars
use Passenger vehicles

Cartesian coordinates
UF Rectangular coordinates
BT Coordinates

Cartilage
UF Intervertebral disks
BT Connective tissue+
Musculoskeletal system+

Cartography
use Mapping

Cartridge case extractors
RT Cartridge cases
BT Gun components+

Cartridge cases
RT Cartridge case extractors
BT Ammunition components+
NT Combustible cartridge cases

Cartridges
BT Ammunition+
NT Cartridges(Pad)
Photoflash cartridges

Cartridges(Pad)
UFC Bomb ejector cartridges
BT Cartridges+
Propellant actuated devices+

Cascade structures
BT Structures

Cascades(Fluid dynamics)
BT Fluid dynamics+

Case bonding
BT Bonding+

Case hardening
UF Carbonitriding
BT Hardening
Heat treatment

Case studies

Casein
UF Caseinates
BT Phosphoproteins+

Caseinates
use Casein

Caseless ammunition
BT Ammunition+

Casks
use Barrels

Caspian Sea
(1-SEP-1981)
The world's largest inland sea lying between Europe and Asia.
BT Lakes+

Cassegrain antennas
BT Microwave antennas+

Cassegrain telescopes
BT Cassegrainian optical systems+

Cassegrainian optical systems
BT Folded optical lenses+
NT Cassegrain telescopes

Cassettes
BT Recording systems

Casting
RT Castings
BT Material forming+
NT Centrifugal casting
Die casting
Drop casting
Investment casting
Near net shape forming
Sand casting
Slip casting

Casting alloys
BT Alloys

Castings
Embodiments of alloys produced by any casting process.
UFC Molybdenum castings
RT Casting
BT Metallurgy+

Castor oil
use Vegetable oils

Castration
use all Excision
Testes

Casualties
UFC Tank casualties
RT Accidents
Battles
Casualty centers
Death
Destruction
NT Amputees
Biological warfare casualties
Chemical warfare casualties
Nuclear warfare casualties

Casualty centers
RT Casualties
BT Hospitals+

Casualty centers (cont.)
NT Shock trauma centers

Catabolism
BT Metabolism+

Catalase
BT Oxidoreductases+

Catalogs
BT Documents

Catalysis
RT Activation
Catalysts
BT Chemical reactions+
NT Catalytic cracking
Catalytic oxidation

Catalysts
UFC Lead catalysts
RT Catalysis
NT Electrocatalysts

Catalytic conflict(Warfare)
(1-DEC-1984)
War between two countries or coalitions that is deliberately instigated by a third party.
BT Warfare

Catalytic converters
(1-MAY-1983)
A cracker utilizing catalysts.
RT Catalytic cracking

Catalytic cracking
RT Catalytic converters
BT Catalysis+

Catalytic oxidation
(1-JUL-1999)
BT Catalysis+
Oxidation+

Catamarans
BT Boats
NT Swath ships

Cataphoresis
use Electrophoresis

Catapults
BT Launchers

Cataracts
BT Eye diseases+

Catarrhal rhinitis
use Adenoviruses

Catastrophic conditions
BT Adverse conditions

Catecholamines
BT Amines+
Phenols+
NT Dopamine
Epinephrine+

Catenaries
BT Curves(Geometry)+

Cathartics
UF Emodin
Laxatives
Purgatives
BT Drugs

Catheterization
use Cannulation

Catheters
RT Cannulation
BT Medical supplies+

Cathode followers
BT Amplifiers
Circuits+

Cathode ray tube screens
UFC Oscilloscope screens
RT Display systems
BT Electron tube targets+
Fluorescent screens+

Cathode ray tubes
RT Electron guns
BT Electron tubes+
NT Color television tubes
Dark trace tubes
Kinescopes
Polartrons

Cathodes
BT Electrodes
NT Cathodes(Electrolytic cell)
Cathodes(Electron tubes)+
Oxide cathodes

Cathodes(Electrolytic cell)
BT Cathodes+

Cathodes(Electron tubes)
BT Cathodes+
Electron tube components+
Emitters
NT Photocathodes

Cathodic protection
Prevention of electrolytic corrosion in an underground or underwater metal structure by making the structure act as the cathode of an electrolytic cell.
BT Corrosion inhibition+

Cathodoluminescence
BT Luminescence+

Cations
BT Ions+
NT Deuterium ion concentration

Cats
BT Carnivora+

Cattle
use Bovines

Caucasians
BT Race(Anthropology)+

Cauchy kernals
use Integral equations

Cauchy points
use Series(Mathematics)

Cauchy problem
UF Riemann problem
BT Boundary value problems+

Cauchy product
use Series(Mathematics)

Caulking compounds
use Sealing compounds

Causeways
BT Bridges
Roads

Caustic embrittlement
use Embrittlement

Caustics
BT Bases(Chemistry)+

Cavalry
BT Field army+

Caves
BT Landforms+

Cavitation
BT Bubbles

Cavitation corrosion
BT Corrosion+

Cavitation noise
BT Noise(Sound)+

Cavities
RT Openings
Perforation
BT Holes(Openings)+
Voids
NT Boreholes

Cavity charge containers
use Shaped charges

Cavity charges
use Shaped charges

Cavity liners
UFC Shaped charge liners
BT Linings

Cavity resonators
UF Resonant cavities
BT Resonators
NT Laser cavities

CCD
use Charge coupled devices

Cecum
BT Intestines+

Ceiling
The height of the lowest clouds or obscuring phenomena at an airport, weather station, etc.
BT Cloud cover+

Ceilometers
use Cloud height indicators

Celery
BT Vegetables+

Celestial dynamics
use Celestial mechanics

Celestial guidance
Automatic direction of missiles, spacecraft, etc., by instruments within the vehicle that sense the positions of stars and other celestial bodies. For position-finding techniques in which navigators determine geographic locations by celestial observations, see Celestial navigation.
UF Stellar guidance
RT Celestial navigation
BT Guidance
NT Star trackers
Stellar map matching

Celestial mechanics
UF Celestial dynamics
RT N body problem
BT Mechanics
NT Eclipses+
Occultation

Celestial navigation
RT Celestial guidance
BT Navigation

Celestial observation
use Astronomy

Cell division
BT Bifurcation(Biology)
Cytology+
NT Meiosis
Mitosis
Schizogony+
Synapsis

Cell structure
BT Cytology+
NT Cell wall
Cytoplasm+
Nuclei(Biology)+

Cell wall
BT Cell structure+

Cellophane
BT Flexible materials+
Plastics+

Cellotriose
use Trisaccharides

Cells
RT Cells(Biology)
Compartments
NT Electrolytic cells+
Fuel cells+
Gas cells
Kerr cells
Lithium chlorine cells
Load cells
Photoelectric cells(Semiconductor)+
Pockels cells
Solar cells

Cells(Biology)
UF Biological cells
RT Cells
BT Cytology+
NT Diploid cells
Fat cells
Fibroblasts
Germ cells
Hybridomas
Mast cells
Nerve cells+
Phagocytes+
Pneumocytes
Stem cells
Thymocytes
Tissue culture cells

Cells(Electric storage)
use Storage batteries

Cells(Electrolytic)
use Electrolytic cells

Cellular communications
(1-JUN-1997)
Apply this term to all technology involving cell telephones and paging systems.
BT Radiotelephones+

Cellular plastics
use Expanded plastics

Cellulase
BT Glycoside hydrolases+

Cellulose
UF Cotton cellulose
RT Lignin
BT Polysaccharides+

Cellulose acetates
BT Acetates
Cellulose esters+
Cellulosic resins+

Cellulose esters
BT Esters+
NT Cellulose acetates
Nitrocellulose

Cellulose ethers
BT Cellulosic resins+
Ethers+
NT Ethyl cellulose
Methyl cellulose

Cellulose nitrate
use Nitrocellulose

Cellulosic plastics
use Cellulosic resins

Cellulosic polymers
use Cellulosic resins

Cellulosic resins
UF Cellulosic plastics
Cellulosic polymers
BT Thermoplastic resins+
NT Cellulose acetates
Cellulose ethers+

Cements
RT Portland cement
BT Ceramic materials

Cements(Adhesives)
use Adhesives

Censorship
(1-SEP-1981)
The process of excluding from consciousness those ideals and feelings that would be intolerable in other than symbolic form.
BT Control

Census
RT Demography
BT Counting methods

Center of gravity
UF Neutral point
RT Load distribution
BT Gravity

Central America
BT Latin America+
North America+
NT Belize
Costa Rica
El Salvador
Guatemala
Honduras
Mexico+
Nicaragua
Panama

Central Europe
BT Europe+
NT Austria
Germany+

Central nervous system
BT Nervous system+
NT Ataxia
Brain+
Hippocampus
Spinal cord

Central nervous system depressants
use CNS depressants

Central nervous system stimulants
use CNS stimulants

Central processing units
BT Computers+
NT Binary processors
Parallel processors
Serial processors

Centralized
BT Position(Location)

Centrifugal casting
BT Casting+

Centrifugal compressors
Compressors producing discharge flows perpendicular to the axis of rotation of the fans or impellers.
BT Rotary compressors+
NT Aerothermopressors

Centrifugal fields
BT Gravitational fields+
NT Centrifugal force

Centrifugal force
RT Angular acceleration
BT Centrifugal fields+

Centrifugal pumps
Pumps producing discharge flows perpendicular to the axis of rotation of the rotors.
BT Rotary pumps+

Centrifuge separation
BT Isotope separation+

Centrifuges
BT Laboratory equipment
NT Ultracentrifuges

CEP
use Circular error probable

Cephalometry
BT Anthropometry+

Cephalopoda
UF Squids
BT Mollusca+
NT Decapoda+

Cepstrum technique
BT Spectrum analysis

Ceramals
use Cermets

Ceramic bodies
BT Bodies

Ceramic capacitors
BT Capacitors
NT Glass capacitors

Ceramic coatings
RT Ceramic materials
Firing(Ceramics)
BT Coatings
NT Glazes

Ceramic fibers
BT Fibers

Ceramic materials
Materials made essentially from nonmetallic minerals by firing at high temperatures.
RT Abrasives
Ceramic coatings
Cermets
NT Brick
Cements
Frit
Glass+
Tiles

Ceramic matrix composites
(1-OCT-1991)
BT Composite materials+

Cercariae
BT Larvae+

Cereal products
BT Cereals+
NT Flour

Cereals
Plants yielding seeds suitable for food; also, foodstuffs prepared from such seeds.
BT Food
NT Barley
Cereal products+
Corn
Wheat

Cerebellum
BT Brain+

Cerebral cortex
BT Cerebrum+
NT Visual cortex

Cerebrospinal fluid
BT Body fluids+

Cerebrospinal meningitis
BT Meningitis+

Cerebrovascular disease
use all Blood vessels
Brain
Diseases

Cerebrovascular system
BT Anatomy+

Cerebrum
BT Brain+
NT Cerebral cortex+

Cerenkov radiation
BT Electromagnetic radiation+
Light+

Cerium
RT Cerium alloys
Cerium compounds
BT Rare earth elements+

Cerium alloys
RT Cerium
BT Rare earth alloys+

Cerium compounds
RT Cerium
BT Rare earth compounds+

Cermets
UF Ceramals
RT Ceramic materials
BT Refractory materials+

Cerumen
use all Ear
Secretion

Cesaro transform
use Series(Mathematics)

Cesium
RT Cesium alloys
Cesium compounds
BT Alkali metals+

Cesium alloys
RT Cesium
BT Alkali metal alloys+

Cesium compounds
RT Cesium
BT Alkali metal compounds+

Cesium electron tubes
BT Phototubes+

Cetacea
BT Aquatic animals+
Mammals+
NT Dolphins(Mammals)
Porpoises
Whales

Cetane number
RT Diesel fuels
BT Antiknock+

CF grammars
use Context free grammars

CG
use Phosgene

Chaff
RT Chaff cutters
Chaff dispensers
Straw
BT Radar confusion reflectors+

Chaff cutters
RT Chaff
BT Cutters+

Chaff dispensers
RT Chaff
BT Dispensers

Chagas disease
RT Trypanosoma
BT Trypanosomiasis+

Chain reactions
RT Fission
BT Nuclear reactions

Chains
RT Mechanical cables
NT Anchor chains
Tire chains

Chairs
RT Seats
BT Furniture

Chalcogens
BT Group VI compounds+

Chalcopyrites
use Pyrite

Chalking properties

Chalones
BT Endocrinology+

Chambers
NT Altitude chambers
Anechoic chambers
Combustion chambers+
Hyperbaric chambers+
Hypobaric chambers
Ionization chambers+
Plenum chambers
Space simulation chambers
Vacuum chambers

CHAMPUS
(1-OCT-1993)
Civilian Health and Medical Program of the uniformed services.
BT Health care management+
Military medicine+

Chancroid
BT Ulcers

Change detection
RT Pattern recognition
BT Detection

Channel flow
BT Flow
NT Pipe flow+

Channel selectors
UF Selectors(Channels)
UFC Radio channel selectors
BT Electric switches+
Tuning devices

Channels

Channels(Waterways)
BT Waterways+
NT Dredging

Chaos
(1-OCT-1991)
A system mathematically well defined but so sensitive to initial conditions that its final state appears random.

Chaplains
RT Religion
BT Officer personnel+

Char oil
BT Coal+

Character generators
BT Generators

Character recognition
RT Legibility
Resolution
BT Pattern recognition+
NT Optical character recognition

Charcoal
BT Activated carbon+

Charge carriers
BT Semiconductors+
NT Free electrons
Holes(Electron deficiencies)

Charge coupled devices
UF CCD
BT Semiconductor devices+

Charge density
BT Electric charge+

Charge transfer
BT Electric charge+
Transfer

Charged particles
UF Ions(Subatomic)
NT Alpha particles
Antiprotons
Deuterons
Electrons+
Ions+
Muons
Positrons
Protons
Recoil particles
Trapping(Charged particles)
Tritons

Charges(Explosives)
use Explosive charges

Charpy impact tests
BT Impact tests+

Charring
RT Pyrolysis
BT Combustion+

Charts
RT Diagrams
NT Flow charting
Meteorological charts

Chassis
BT Frames
NT Vehicle chassis components+

Chebyshev approximations
RT Minimax technique
BT Approximation(Mathematics)+

Chebyshev functions
BT Functions(Mathematics)+

Chebyshev polynomials
BT Polynomials+

Check valves
BT Valves

Checkout equipment
RT Checkout procedures
Ground support equipment
BT Test equipment

Checkout procedures
UF Countdown procedures
Pre-launch procedures
RT Checkout equipment
Test methods

Cheeses
BT Dairy products+

Chelate compounds
UF Polydentate groups
BT Complex compounds+

Chelating agents
BT Chemical agents

Chelation
BT Chemical reactions+

Chelonia
use Reptiles

Chemical agent detectors
BT Detectors
NT Crayon detectors

Chemical agent simulants
BT Chemical warfare agents+

Chemical agents
RT Chemical compounds
NT Binary chemical agents
Bleaching agents
Chelating agents
Chemical warfare agents+
Cryoprotective agents
Defoliants+
Dithizone

Chemical agents (cont.)
Grignard reagents
Lethal agents
Toxic agents

Chemical analogs
BT Chemicals

Chemical analysis
UF Chemical determination
Determination(Chemical)
RT Analytical chemistry
NT Assaying+
Chromatography+
Colorimetric analysis
Gas analysis
Gravimetric analysis+
Microanalysis
Polarographic analysis
Qualitative analysis+
Quantitative analysis
Radioactivation analysis
Volumetric analysis+
Water analysis+

Chemical attack(Degradation)
BT Degradation
NT Corrosion+
Rust(Oxidation)

Chemical bombs
Bombs charged with chemical warfare agents.
BT Bombs+

Chemical bonds
Linkages between atoms in molecules or ions.
BT Chemical properties+
NT Covalent bonds+
Crosslinking(Chemistry)+
Hydrogen bonds
Ligands
Metal metal bonds
Rotation(Chemical bonds)

Chemical cleaning
BT Cleaning
NT Pickling

Chemical composition
BT Composition(Property)

Chemical compounds
RT Chemical agents
Chemical elements
Chemical radicals
Chemistry
NT Alkaline earth compounds+
Binary compounds
Carbon compounds+
Chemical derivatives
Complex compounds+
Group I compounds+
Group II compounds+

Chemical compounds (cont.)
Group III compounds+
Group II-VI compounds
Group IV compounds+
Group V compounds+
Group VI compounds+
Group VII compounds+
Group VIII compounds+
Heavy element compounds+
Hydrides+
Hydrogen compounds+
Inorganic compounds+
Malodorous compounds
Mesomorphic compounds
Metal compounds+
Monomers
Nonmetallic compounds+
Oxygen compounds+
Polymers+
Rare earth compounds+
Salts+
Sulfur compounds+
Ternary compounds
Transition metal compounds

Chemical contamination
BT Contamination

Chemical derivatives
UFC Colchicine derivatives
BT Chemical compounds

Chemical detection
(1-DEC-1984)
Detection of objects or personnel by observation of their chemical composition.
BT Detection

Chemical determination
use Chemical analysis

Chemical dissociation
BT Chemical reactions+

Chemical elements
RT Chemical compounds
Chemistry
NT Metals+
Nonmetals+
Trace elements

Chemical engineering
RT Chemistry
BT Engineering

Chemical equilibrium
BT Chemical reactions+
NT Acid base equilibrium

Chemical indicators
UF Adsorption indicators
Indicator papers
BT Chemistry+
NT Bromphenol blue

Chemical industry
BT Industries
NT Petroleum industry+
Plastics industry

Chemical information systems
BT Information systems

Chemical laboratories
BT Laboratories+

Chemical lasers
BT Lasers+

Chemical milling
BT Material forming+

Chemical oceanography
BT Oceanography+

Chemical ordnance
BT Ordnance

Chemical precipitation
UF Precipitation(Chemical)
BT Chemical reactions+
Precipitation
Separation
NT Precipitates

Chemical projectiles
UFC Chemical warheads
BT Projectiles+

Chemical properties
BT Chemistry+
NT Alkalinity
Calorific value
Chemical bonds+
Heat of activation
Heat of combustion
Heat of formation
Heat of reaction+
Heat of solution
Latent heat+
Ph factor
Photochromism
Physicochemical properties+
Salinity

Chemical radicals
RT Chemical compounds
BT Chemistry+
NT Butyl radicals
Carboxyl radicals
Chromyl radicals
Free radicals
Hexyl radicals
Hydroxyl radicals
Nitro radicals
Octyl radicals
Organic radicals+
Perchloryl radicals
Sulfonyl radicals
Uranyl radicals

Chemical radicals (cont.)
Zirconyl radicals

Chemical reactions
RT Heat of reaction
BT Chemistry+
NT Acylation+
Addition reactions
Alkylation+
Catalysis+
Chelation
Chemical dissociation
Chemical equilibrium+
Chemical precipitation+
Combustion+
Condensation reactions+
Curing+
Dehydrogenation+
Desulfurization
Dissociation+
Elimination reactions
Endothermic reactions
Exchange reactions
Exothermic reactions+
Friedel Crafts reactions
Glycerolization
Halogenation+
Hydrogenation
Iodination
Ionization+
Isomerization
Metalation
Neutralization
Nitration
Nitrification
Nitrofluorination
Oxidation+
Oxidation reduction reactions+
Photochemical reactions
Polymerization+
Reaction kinetics+
Recombination reactions
Reduction(Chemistry)+
Schoenemann reactions
Side reactions
Solvation+
Solvolysis+
Substitution reactions+
Sulfation
Sulfuration
Surface reactions
Synthesis(Chemistry)+

Chemical reactors
BT Laboratory equipment

Chemical shifts

Chemical vapor deposition
(1-OCT-1993)
The growth of thin solid films on a crystalline substrate as a result of thermochemical vapor phase reactions.
BT Vapor deposition+

Chemical warfare
BT Warfare
NT Chemical warfare agents+

Chemical warfare agents
BT Chemical agents
Chemical warfare+
NT Antipersonnel agents+
Blood agents
C agents
Chemical agent simulants
Nonlethal agents+
Poisonous gases+

Chemical warfare casualties
UF Gas casualties
BT Casualties

Chemical warfare injuries
UF Lewisite injuries
UFC Mustard gas injuries
BT Wounds and injuries

Chemical warfare laboratories
BT Laboratories+

Chemical warheads
use all Chemical projectiles
Warheads

Chemicals
NT Acids+
Bases(Chemistry)+
Chemical analogs
Photographic chemicals+
Reactants(Chemistry)+

Chemiluminescence
RT Airglow
Phosphorescence
BT Luminescence+

Chemisorption
BT Adsorption+

Chemistry
RT Chemical compounds
Chemical elements
Chemical engineering
BT Physical sciences
NT Analytical chemistry+
Atmospheric chemistry+
Biochemistry+
Chemical indicators+
Chemical properties+
Chemical radicals+
Chemical reactions+
Chemurgy
Crystal chemistry+
Electrochemistry+
Geochemistry+
Inorganic chemistry
Organic chemistry
Petrochemistry
Physical chemistry+

Chemistry (cont.)
Radiation chemistry
Radiochemistry
Solid state chemistry
Stereochemistry+
Surface chemistry
Thermochemistry
Water chemistry+

Chemists
BT Scientists+

Chemoreceptors
RT Smell
Taste
BT End organs+

Chemotaxis

Chemotherapeutic agents
Chemical agents used in the treatment of infectious diseases. Such agents kill invading parasites or minimize their effects without harming the host.
UF Bacteriostatic substances
Viricides
RT Chemotherapy
BT Drugs
NT Antibiotics+
Antimetabolites+
Antimicrobial agents
Antiparasitic drugs+
Sulfadiazine
Trypanocides

Chemotherapy
RT Chemotherapeutic agents
BT Therapy+
NT Antisense therapy

Chemurgy
(1-DEC-1984)
A branch of chemistry concerned with the profitable utilization of organic raw materials, especially agricultural products, for nonfood purposes such as paints and varnishes.
RT Agricultural chemistry
BT Chemistry+

Cherries
BT Fruits+

Chesapeake Bay
BT Bays+
Estuaries+

Chest
use Thorax

Chewing
use Mastication

Chi square test
BT Statistical tests+

Chick embryo technique
use Embryonated egg technique

Chickens
BT Poultry+

Chiggers
use Trombiculid mites

Chikungunya virus
BT Group A arboviruses+

Child abuse
use Domestic violence

Childbirth
use Birth

Children
RT Pediatrics
BT Youth+
NT Infants

Chile
BT South America+

Chilling
use Cooling

Chimes
use Auditory signals

Chimneys
BT Smoke stacks

Chimpanzees
BT Apes+

China
BT Communist countries+
Far East+
NT Manchuria

Chinese language
BT Foreign languages+

Chipping hammers
use Hammers

Chips(Electronics)
BT Modules(Electronics)+
NT Flip chips
Multichip modules

Chirp filters
BT Filters

Chirp radar
BT Sweep frequency radar+

Chirp sonar
(1-JAN-1999)
BT Sonar

Chitin
UF N-acetyl-d-glucosamine
BT Polysaccharides+

Chlamydia
BT Chlamydiaceae+
NT Chlamydia trachomatis

Chlamydia trachomatis
RT Trachoma
BT Chlamydia+

Chlamydiaceae
BT Rickettsiales+
NT Chlamydia+
Miyagawanella+

Chloralose
BT Anesthetics+

Chloramphenicol
BT Antibiotics+

Chlorates
BT Chlorine compounds+
NT Barium chlorates

Chlordane
BT Halogenated hydrocarbons+
Insecticides+

Chlorella
BT Algae+

Chlorides
BT Halides+
NT Acetyl chloride
Fluorochlorides
Hydrogen chloride
Lithium chloride
Oxychlorides
Phosphonitrile chlorides
Polyvinyl chloride
Potassium chloride
Silver chloride
Sodium chloride
Thionyl chloride

Chlorinated hydrocarbons
BT Halogenated hydrocarbons+
NT Chloroethanes+
Polychlorinated biphenyls

Chlorination
RT Water treatment
BT Halogenation+

Chlorination equipment

Chlorine
RT Chlorine compounds
BT Halogens+

Chlorine compounds
RT Chlorine
BT Halogen compounds+
NT Chlorates+
Chlorine trifluoride
Chlorites
Hypochlorites
Perchlorates+

Chlorine trifluoride
BT Chlorine compounds+
Fluorides+

Chlorites
BT Chlorine compounds+

Chlorobenzene
BT Benzene compounds+
Halogenated hydrocarbons+

Chloroethanes
BT Chlorinated hydrocarbons+
Ethanes+
NT Trichloroethanes

Chloroform
BT Anesthetics+
Halogenated hydrocarbons+

Chloromethanes
BT Halogenated hydrocarbons+

Chlorophylls
UF Pheophytins
RT Photosynthesis
BT Organic pigments+
Porphyrins+

Chlorophyta
use Algae

Chloroplasts
RT Photosynthesis
BT Plant tissue+

Chloroprenes
BT Halogenated hydrocarbons+
NT Neoprene

Chloroquine
BT Antimalarials+

Chlorosilanes
BT Silanes+
NT Trichlorosilane

Chlorpromazine
BT Phenothiazines+

Chlortetracycline
BT Tetracyclines+

Chocks
BT Brakes

Chocolate
BT Cacao+
Food

Choice
use Selection

Choking agents
BT Antipersonnel agents+
Nonlethal agents+

Cholelithiasis
use all Biliary system
Calculi

Cholelytic agents
use Parasympatholytic agents

Cholera
RT Hog cholera virus
Vibrio cholerae
BT Gastrointestinal diseases+
Tropical diseases+

Cholestenone
use Steroids

Cholesterol
RT Hypercholesterolemia
BT Lipids
Steroids+

Cholesterol esterase
use Carboxylic ester hydrolases

Cholesteryl esters
BT Esters+

Choline acetyltransferase
BT Transferases+

Cholinergic blocking agents
use Parasympatholytic agents

Cholinergic drugs
use Parasympathomimetic agents

Cholinergic nerve stimulants
use Parasympathomimetic agents

Cholinergic nerves
BT Autonomic nervous system+

Cholines
UF Bilineurine
RT Serine
BT Vitamin B complex+
NT Acetylcholine
Lecithin

Cholinesterase
RT Neuromuscular transmission
BT Carboxylic ester hydrolases+
NT Acetylcholinesterase

Cholinesterase inhibitors
UF Anticholinesterases
BT Enzyme inhibitors+
Parasympathomimetic agents+
NT Pyridostigmine bromide

Chondrichthyes
BT Fishes+
NT Sharks

Chondrin
use Collagen

Chondroitin
BT Mucopolysaccharides+

Chorioretinal burns
RT Retina
BT Burns(Injuries)+
Radiation injuries+

Choroid
use all Choroid plexus
Eye

Choroid plexus
UFC Choroid
BT Brain+

Chorus(Dawn phenomenon)
use Dawn chorus

Christmas Island
BT Polynesia+

Chromates
BT Chromium compounds+

Chromaticity
BT Electromagnetic properties+
Optical properties+

Chromatin
BT Nuclei(Biology)+
NT Chromosomes+

Chromatographic analysis
The analysis of mixtures of solutions by using adsorbents to separate the substances in solution by selective adsorption.
BT Chromatography+

Chromatographs
BT Chromatography+
Laboratory equipment

Chromatography
BT Chemical analysis
NT Chromatographic analysis

Chromatography (cont.)
Chromatographs
Column chromatography
Gas chromatography
Gel permeation chromatography
Liquid chromatography
Plasma chromatography
Thin layer chromatography

Chrome
use Chromium

Chromic acid
BT Inorganic acids+

Chromium
UF Chrome
RT Chromium alloys
Chromium compounds
Chromizing
BT Transition metals+

Chromium alloys
RT Chromium
BT Alloys
NT Stainless steel

Chromium compounds
RT Chromium
BT Group VI compounds+
NT Chromates

Chromizing
RT Chromium
BT Diffusion coating+
Protective treatments+

Chromophores
RT Pigments
BT Dyes+

Chromoproteins
UF Hemocyanin
BT Proteins(Conjugated)+
NT Hemoglobin+

Chromosome aberrations
use all Chromosomes
Mutations

Chromosomes
UFC Chromosome aberrations
BT Chromatin+
NT Genes

Chromosphere
BT Solar atmosphere+

Chromyl radicals
BT Chemical radicals+

Chronobiology
BT Biology+
NT Biological rhythms+

Chronographs
use Chronometers

Chronometers
UF Chronographs
RT Atomic clocks
BT Clocks+
Timing devices
NT Radio doppler chronographs
Time interval counters

Chrysophyta
use Algae

Chukchi Sea
BT Arctic Ocean+

Churches
RT Religion
BT Buildings+

Chutes
use Conveyors

Chymosinogen
use Enzyme precursors

Chymotrypsin
BT Peptide hydrolases+

Cicala functions
use Special functions(Mathematics)

Cilia
RT Hair
BT Tissues(Biology)

Ciliata
BT Protozoa+
NT Balantidium
Paramecium

Cinchona alkaloids
UF Atabrine
Cinchonine
RT Primaquine
BT Quinoline alkaloids+
NT Quinine

Cinchonine
use Cinchona alkaloids

Cinefluorographic cameras
use Photofluorographic cameras

Cinematography
BT Motion picture photography+
NT Motion pictures+

Cinephotomacrography
BT Motion picture photography+

Cinephotomicrography
BT Motion picture photography+

Cinetheodolites
use Phototheodolites

Cinnabar
BT Minerals
Ores(Metal sources)

Cinnamic acid
BT Acrylic acid+

Circadian rhythms
BT Biological rhythms+
Diurnal variations+

Circles
BT Analytic geometry+
Curves(Geometry)+

Circuit analysis
BT Circuits+

Circuit boards
RT Printed circuits
BT Circuits+
NT Panel boards(Electricity)
Printed circuit boards

Circuit breakers
RT Fuses(Electrical)
Sequence switches
Surges
BT Electric switches+

Circuit interconnections
BT Electric connectors+
NT Beam leads
Optical interconnections

Circuit testers
RT Circuits
BT Test equipment

Circuits
RT Circuit testers
Wiring diagrams
BT Networks
NT Cathode followers
Circuit analysis
Circuit boards+
Coupling circuits
Delay circuits
Differentiating circuits
Equivalent circuits
Flat pack circuits
Gates(Circuits)+
Hybrid circuits
Ignition circuits
Inverter circuits
Limiter circuits+
Magnetic circuits
Microcircuits+
Micropower circuits
Multivibrators
Negative resistance circuits
Optical circuits+

Circuits (cont.)
Packaged circuits
Phase shift circuits+
Printed circuits+
Registers(Circuits)+
Scalers
Short circuits
Slow wave circuits
Switching circuits+
Telecommunication circuits
Timing circuits
Trigger circuits
Tuned circuits+

Circular
BT Shape+

Circular antennas
BT Antennas

Circular error probable
UF CEP
RT Miss distance
BT Interception probabilities+

Circular orbits
BT Orbits+

Circular wings
BT Wings+

Circulating fuel reactors
BT Nuclear reactors

Circulation
NT Blood circulation+
Recirculation

Circulators(Waveguide)
use Waveguide circulators

Circulatory insufficiencies
(1-JUL-00)
Any condition creating physicological stress because of a limit to blood flow.
BT Cardiovascular diseases+
NT Aortic insufficiency
Pulmonary insufficiency

Circulatory system
use Cardiovascular system

Circumlunar trajectories
BT Trajectories+

Cirrhosis
(1-JUL-1998)
RT Alcoholism
BT Liver diseases+

Cirrus clouds
BT Clouds+

CIS
(1-OCT-1994)
UF Commonwealth of Independent States
RT USSR
BT Eurasia+
NT Armenia
Azerbaijan
Belarus
Kazakhstan
Kirgyzia
Moldova
Russia+
Tajikistan
Turkmenistan
Ukraine
Uzbekistan

Cities
use Urban areas

Citrates
RT Citric acid
BT Esters+
NT Acid citrate dextrose

Citric acid
RT Citrates
BT Carboxylic acids+

Citrus fruit
BT Fruits+

Civic action
BT Political science+

Civil affairs
BT Political science+

Civil aviation
BT Aeronautics
NT Commercial aviation

Civil defense
RT Disasters
Riot control
BT Defense systems

Civil disturbances
RT Riot control
Urban warfare

Civil engineering
BT Engineering
NT Coastal engineering
Geotechnical engineering+
Tunneling

Civil service employees
use Government employees

Civilian personnel
BT Personnel
NT Government employees+

Civilian population
BT Population+

Cladding
RT Coatings
Finishes
Roll bonding
NT Reactor fuel cladding

Cladocera
use Crustacea

Clamps
BT Small tools+
NT Tool chucks

Clams
BT Pelecypoda+

Clarification
(1-NOV-1980)
RT Clarifiers
BT Separation

Clarifiers
RT Clarification
BT Separators

Classification
RT Ratings
Taxonomy
NT Hierarchies
Soil classification
Target classification

Classified materials
RT Secure communications
Security classification guides
BT Documents
Security

Clathrate compounds
BT Complex compounds+

Clay
RT Clayey soils
BT Cohesive soils+
Sedimentary rock+
NT Clay minerals+

Clay minerals
UF Bentonite
Illite
BT Clay+
Minerals
NT Fullers earth
Kaolinite
Montmorillonite
Talc

Clayey soils
(1-OCT-1992)
Soils consisting of or characterized by clay.
RT Clay

Clayey soils (cont.)
BT Soils

Clean rooms
BT Controlled atmospheres+
Laboratories+

Cleaning
RT Antifouling
Bleaching agents
Cleaning compounds
Scrubbers
NT Chemical cleaning+
Dry cleaning
Flushing
Laundry operations
Steam cleaning
Ultrasonic cleaning

Cleaning compounds
UF Cleaning fluids
RT Bleaching agents
Cleaning
Solvents
NT Detergents
Dishwashing compounds
Paint removers
Pickling compositions
Soaps+

Cleaning fluids
use Cleaning compounds

Clear air turbulence
BT Atmospheric motion+
Turbulence+

Clear weather
BT Weather+

Clearances
RT Alignment
BT Tolerances(Mechanics)+

Cleavage

Client server systems
(1-OCT-1997)
RT Internet browsers
BT Computer networks+

Cliffs
UF Bluffs(Landforms)
BT Topography

Climate
UF Macroclimate
RT Weather
BT Climatology+
NT Marine climatology
Microclimatology

Climatology
(1-DEC-1984)
Branch of meteorology concerned with the mean physical state of the atmosphere together with its statistical variations in both space and time as reflected in the weather behavior over a period of many years.
BT Meteorology+
NT Climate+
Paleoclimatology

Climbing
RT Ascent trajectories
BT Flight
NT Boost phase

Clinical laboratories
BT Medical laboratories+

Clinical medicine
RT Medical equipment
BT Medicine+
NT Dermatology
Diagnosis(Medicine)+
Etiology+
Geriatrics
Infectious disease transmission
Internal medicine+
Pediatrics
Preventive medicine+

Clinical psychology
(1-DEC-1984)
That branch of psychology which specializes in the evaluation and treatment of mental, behavioral and neurological disorders, as well as research into psychological aspects of such disorders.
BT Psychology+
NT Counseling

Clipper circuits
BT Limiter circuits+

Clock delay mechanisms
Safety devices that delay the arming of underwater mines to enable the planting craft to withdraw from the minefield.
BT Fuze functioning elements+

Clocks
UF Stop watches
Watches
Wrist watches
RT Pendulums
Time
BT Measuring instruments+
Timing devices
NT Atomic clocks
Chronometers+

Clones
(1-DEC-1984)
All individuals, considered collectively, produced asexually or by parthenogenesis from a single individual.
RT Biotechnology
Replicas

Close air support
use Tactical air support

Close support
RT Fire support
BT Combat support+
Ground support
NT Tactical air support

Closed bomb tests
BT Test methods+

Closed circuit refueling
BT Refueling+

Closed circuit television
BT Television systems+

Closed cycle systems
BT Cycles

Closed ecological systems
Closed systems that support life in extreme environments by providing food and oxygen and disposing of waste products without aid from outside sources.
RT Space simulation chambers
BT Ecosystems+
Life support systems

Closed loop systems
RT Feedback
Open loop systems

Clostridiopeptidase A
BT Peptide hydrolases+

Clostridium
UFC Gas gangrene
BT Bacillaceae+
NT Clostridium botulinum
Clostridium perfringens
Clostridium sporogenes
Clostridium tetani
Clostridium welchii

Clostridium botulinum
UF Bacillus botulinus
RT Botulism
BT Clostridium+

Clostridium hemolyticum
use Bacillaceae

Clostridium histolyticum
use Bacillaceae

Clostridium perfringens
BT Clostridium+

Clostridium sporogenes
BT Clostridium+

Clostridium tetani
UF Tetanus bacillus
UFC Tetanus toxoid
RT Tetanus
BT Clostridium+

Clostridium welchii
BT Clostridium+

Closures
RT Openings
NT Nozzle closures+

Cloth
use Fabrics

Clothing
UFC Electrically heated clothing
RT Fabrics
NT Flight clothing+
Footwear+
Goggles+
Hoods
Jackets
Overcoats
Protective clothing+
Shirts
Underwear
Uniforms
Vests

Cloud chambers
UF Fog cabinets
BT Ionization chambers+

Cloud cover
The amount of sky covered by clouds.
UF Overcast
BT Atmospheric condensation+
Clouds+
NT Ceiling

Cloud height indicators
UF Ceilometers
BT Meteorological instruments+

Cloud physics
RT Clouds
BT Atmospheric physics+

Cloud seeding
RT Artificial precipitation
BT Nucleation
Seeding
Weather modification+

Clouds
RT Cloud physics
BT Atmospheric condensation+
NT Cirrus clouds
Cloud cover+
Cumulonimbus clouds
Cumulus clouds
Fog+
Nimbostratus clouds
Noctilucent clouds
Stratus clouds

Cluster adapters
use all Adapters
Bomb clusters

Cluster warheads
RT Bomblets
Cluster weapons
BT Warheads+

Cluster weapons
RT Cluster warheads
BT Weapons+

Clustering

Clutches
BT Vehicle chassis components+

Clutter
RT Jamming
BT Electromagnetic radiation+
NT Radar clutter+
Sea clutter

CNS depressants
UF Central nervous system depressants
BT Drugs

CNS stimulants
UF Analeptics
Central nervous system stimulants
Stimulants(CNS)
RT Thebaine
BT Drugs
NT Pentylenetetrazol

CNWDI
(1-JUN-1989)
Acronym for Critical Nuclear Weapon Design Information.

Coagulases
use Peptide hydrolases

Coagulated proteins
use Proteins(Derived)

Coagulation
RT Gelation
Photocoagulators
NT Blood coagulation
Flocculation

Coal
RT Carbon
Coal gas
Coal mines
Coal tar
Coke
BT Fossil fuels+
Ores(Nonmetallic)
Organic materials+
Sedimentary rock+
NT Anthracite
Bituminous coal
Char oil

Coal gas
RT Coal
BT Fuels
Gases+

Coal mines
RT Coal
BT Mines(Excavations)+

Coal tar
RT Coal
BT Tar+

Coalescence
RT Agglomerates

Coanda effect
BT Fluid flow+

Coast Guard
BT Military Forces(United States)+

Coast Guard Academy
use United States Coast Guard Academy

Coast Guard aircraft
(1-SEP-1981)
Aircraft used/operated by the U.S. Coast Guard.

Coast Guard equipment
(1-SEP-1981)
Equipment used in support of the U.S. Coast Guard mission.
BT Naval equipment+

Coast Guard operations
(1-MAY-1983)
Operations concerned with guarding the coast line and ensuring the order, safety, and effective operation of traffic on the coastal waters.
BT Military operations

Coast Guard personnel
(1-JUN-1989)
BT Military personnel+

Coast Guard research
BT Military research

Coast Guard ships
BT Ships
NT Cutters(Vessels)

Coastal engineering
(1-JUN-1989)
A branch of civil engineering pertaining to the study of the action of the seas on shorelines and to the design of structures to protect against this action.
BT Civil engineering+

Coastal regions
RT Fjords
BT Landforms+
Regions
NT Estuaries+
Peninsulas+
Shores+

Coatings
UFC Corrosion-resistant coatings
Magnetic coatings
RT Cladding
Deposition
Substrates
Waxes
NT Acoustic coatings
Anodic coatings
Antireflection coatings+
Arc spraying
Ceramic coatings+
Diffusion coating+
Diffusion coatings
Dip coating
Electrophoretic coatings
Enamels
Epoxy coatings+
Metal coatings+
Optical coatings
Organic coatings+
Paints+
Phosphate coatings
Photoresist coatings
Plating+
Protective coatings+
Silicon coatings
Slurry coating
Spin coatings
Strip coatings

Coaxial cables
RT Waveguides
BT Electric cables+
NT Liquid filled coaxial cables

Coaxial configurations
BT Configurations

Coaxial filters
BT Electric filters+

Cobalt
RT Cobalt alloys
Cobalt compounds
BT Transition metals+

Cobalt alloys
RT Cobalt
BT Alloys

Cobalt compounds
RT Cobalt
BT Group VIII compounds+
NT Cobalt oxides

Cobalt oxides
BT Cobalt compounds+
Oxides+

COBOL
use High level languages

Cobras
BT Snakes+

Cocaine
BT Tropane alkaloids+

Coccidioides
RT Fungus diseases
BT Ascomycetes+
NT Coccidioides immitis

Coccidioides immitis
BT Coccidioides+

Coccidioidin

Coccidiosis
BT Parasitic diseases+

Coccidium
BT Eucoccidia+

Cochlea
BT Ear+

Cochlear nerve
RT Auditory nerve
BT Nerves+

Cockpits
RT Aircraft cabins
BT Fuselages+
NT Jettisonable cockpits

Cockroaches
use Blattidae

Cockroft Walton accelerators
BT Electrostatic accelerators+

Cod
use Fishes

Cod liver oil
use Fish oils

Code division multiple access
(1-JAN-00)
BT Multiple access+

Codeine
use Narcotics

Codeinone
use Narcotics

Coders
UF Encoders
RT Coding
Decoders
BT Data processing equipment+

Coding
Converting information into symbols to enable mechanical transmission. For the prepatation of messages in a form to prevent interpretation by those not having knowledge of the form, see Cryptography.
UF Encoding
RT Abbreviations
Coders
Cryptography
Symbols
BT Cybernetics
NT Bar codes
Color coding
Decoding
Error correction codes
Error detection codes
Hydrodynamic codes
Machine coding
Morse code
Neurochemical coding
Octal coding
Schalkwijk coding

Coding(Computers)
use Computer programming

Coefficient determination
use Differential equations

Coefficient of rigidity
use Shear modulus

Coefficients
RT Constants
NT Absorption coefficients+
Diffusion coefficient
Heat transfer coefficients
Power coefficient of reactivity
Temperature coefficients+

Coelenterata
UF Jellyfish
BT Invertebrates+
NT Coral+

Coelostats
BT Mirrors+

Coenzymes
BT Enzymes
NT Cytochrome oxidase
Glutathione

Coercive force
BT Magnetic properties+

Coffee
UFC Coffee makers
RT Caffeine
BT Beverages+

Coffee makers
use all Coffee
Cooking devices

Cognition
(1-MAY-1983)
The conscious faculty or process of knowing, or becoming or being aware of thoughts or perceptions, including understanding and reasoning.
NT Awareness+
Consciousness

Coherence
NT Incoherence

Coherent electromagnetic radiation
BT Coherent radiation+
Electromagnetic radiation+
NT Coherent optical radiation
Optical pumping+

Coherent optical radiation
BT Coherent electromagnetic radiation+

Coherent radar
BT Radar

Coherent radiation
RT Beams(Radiation)
BT Radiation
NT Coherent electromagnetic radiation+

Coherent scattering
Scattering of particles or photons in which there are definite phase relationships between the incoming and the scattered waves.
BT Nuclear scattering+

Cohesion
RT Adhesion
Agglutination
Bonding
BT Mechanical properties+

Cohesionless soils
(1-OCT-1992)
Soils having low shear strength when dry and low cohesion when wet.
BT Soils

Cohesive soils
(1-JUN-1989)
Sticky soils, such as clay or silt; their shear strength equals about half their unconfined compressive strength.
BT Soils
NT Clay+

Cohomology
use Algebraic topology

Coil guns
use Electromagnetic guns

Coils
Compact windings of conductors to form inductors. For coils producing magnetic fields for the conversion of electrical into mechanical energy, see Solenoids.
NT Electric coils+

Coincidence counting
BT Counting methods

Coincidence range finding
BT Range finding

Coins
use Money

Coke
(1-APR-1999)
RT Coal
BT Carbon+

Colchicine
BT Alkaloids

Colchicine derivatives
use all Alkaloids
Chemical derivatives

Cold cathode diodes
use all Cold cathode tubes
Diodes(Electron tubes)

Cold cathode triodes
use all Cold cathode tubes
Triodes

Cold cathode tubes
UFC Cold cathode diodes
Cold cathode triodes
BT Electron tubes+
NT Neon tubes
Phototubes+

Cold drawing
BT Drawing(Forming)+

Cold flow
RT Creep
BT Flow

Cold fog
BT Fog+

Cold forming
use Cold working

Cold fronts
BT Fronts(Meteorology)+

Cold gases
BT Gases+

Cold regions
RT Cold weather
BT Geographic areas
Regions
NT Antarctic regions+
Arctic regions
Marginal ice zones
Polar regions+
Subarctic regions

Cold rolled process
BT Rolling(Metallurgy)+

Cold storage
RT Refrigeration systems
BT Storage+

Cold tolerance
(1-SEP-1990)
The physiological capacity to endure cold temperatures/environments.
BT Tolerances(Physiology)+

Cold viruses
use Adenoviruses

Cold War
BT East West relations+

Cold water
(1-SEP-1990)
BT Water+

Cold weather
RT Cold regions
Winter
BT Weather+

Cold weather operations

Cold weather tests
BT Environmental tests+

Cold welding
BT Pressure welding+

Cold working
Deforming metals plastically at such a temperature and rate that strain hardening occurs.
UF Cold forming
RT Shot peening
BT Mechanical working+
NT Metal spinning
Stretch forming
Swaging

Colds
use Adenoviruses

Coleoptera
UF Beetles
BT Insects+

Coliform bacteria
BT Enterobacteriaceae+
NT Aerobacter aerogenes
Escherichia coli

Coliphage
BT Bacteriophages+

Colitis
RT Colon
BT Gastrointestinal diseases+

Collaborative techniques
(1-JUL-1998)
Techniques and technologies whose goal is to enable people, or groups of people, to work more efficiently as a team.
BT Management engineering+
NT Collaborative virtual prototyping

Collaborative virtual prototyping
(1-JUL-1998)
Application of advanced information technology in complete life cycle development of a system in a geographically distributed electronic environment.
BT Collaborative techniques+
Distributed interactive simulation+

Collagen
UF Chondrin
Ossein
RT Gelatins
BT Albuminoids+
NT Tropocollagen

Collagenase
BT Enzymes

Collapse
BT Failure(Mechanics)+

Collapsible structures
BT Structures

Collars
BT Fittings+

Collateral damage
(1-JAN-00)
BT Weapons effects+

Collecting methods
BT Methodology
NT Sampling+

Collection
UF Gathering
RT Accumulation
Stockpiles
NT Waste collection

Collective NBC defense
use Collective protection

Collective protection
(1-JUN-1989)
Protection provided to a group of individuals in a Nuclear, Biological and/or Chemical (NBC) environment which permits relaxation of individual NBC protection.
UF Collective NBC defense
NBC collective protection
Nuclear biological chemical collective defense
BT Protection

Collectors
use Accumulators

College students
use all Students
Universities

Colleges
use Universities

Collider accelerators
(1-APR-1999)
BT Particle accelerators

Collimators
Device for producing beams of light, molecules or atoms.
BT Optical equipment

Collision avoidance
UFC Collision warning devices
RT Safety

Collision avoidance (cont.)
BT Avoidance
Navigation

Collision broadening
BT Spectral lines+

Collision warning devices
use all Collision avoidance
Warning systems

Collisions
RT Accidents
Avoidance
Intercept trajectories
BT Interactions
NT Bird strikes
Particle collisions

Colloid core reactors

Colloidal propellants
use Smokeless propellants

Colloids
A state of matter characterized by particles of either a solid, liquid, or gas dispersed in a second medium that may be solid, liquid, or gaseous. Specific examples of colloids, e.g., blood, clouds,. milk, paints, and photographic emulsions, are represented as separate descriptors and are not considered to be encompassed by this meaning.
UFC Radiocolloids
BT Dispersions
NT Aerosols+
Foam
Supernatant liquors

Colombia
BT South America+
NT Guajira Peninsula

Colon
RT Colitis
Colon cancer
BT Intestines+

Colon cancer
(1-JUN-1997)
RT Colon
BT Cancer+

Colonies(Biology)

Color centers
UF F centers
BT Point defects+

Color coding
(1-JUN-1989)
Any system of colors used for purposes of identification.
BT Coding+

Color displays
(1-JUN-1989)
BT Display systems
NT Color television+

Color film
RT Color photography
BT Photographic film+

Color photography
RT Color film
BT Photography

Color separation
BT Separation

Color television
UFC Color television receivers
BT Color displays+
Television systems+
NT Color television tubes

Color television receivers
use all Color television
Television receivers

Color television tubes
RT Shadow mask tubes
BT Cathode ray tubes+
Color television+

Color temperature
BT Temperature

Color vision
BT Vision+

Colorado
BT United States+

Colorado River
BT Rivers+

Colorado tick virus
BT Arboviruses+

Colorants
RT Coloring
NT Dyes+
Inks
Pigments+

Colored flares
BT Flares+

Colored smokes
BT Smoke+

Colorimeters
(1-NOV-1980)
A device to measure the intensity and shade of colored solutions or to compare standard color solutions in quantitative analysis.
RT Colorimetric analysis
Colorimetry
BT Measuring instruments+
Optical equipment

Colorimetric analysis
Chemical analysis through measurement, change or detection of color. For other applications of color measurement, see Colorimetry.
RT Colorimeters
Colorimetry
BT Chemical analysis

Colorimetry
RT Colorimeters
Colorimetric analysis
BT Laboratory procedures+

Coloring
RT Colorants
Colors
NT Electrocoloration

Colors
RT Coloring
BT Optical properties+
NT Black(Color)
Blue(Color)
Gray(Color)
Green(Color)
Orange(Color)
Red(Color)
White(Color)
Yellow(Color)

Colpotomy
use all Reproductive system
Surgery

Columbia River
(1-JUN-1989)
BT Rivers+

Columbium
use Niobium

Column chromatography
BT Chromatography+

Columns(Supports)
BT Structural components+
Supports+

Coma(Physiology)
(1-MAY-1983)
A state in which the patient is incapable of sensing or responding, either to external stimuli or to inner needs.

Comb filters
(1-JUL-1999)
BT Electric filters+

Combat
use Warfare

Combat areas
RT Warfare
NT Battlefields

Combat effectiveness
BT Battles+

Combat fatigue
use Neuroses

Combat films
BT Motion pictures+

Combat forces
(1-MAY-1983)
Military forces trained, equipped and employed for actual fighting.
BT Military personnel+

Combat information centers
RT Communications centrals
BT Information centers

Combat models
use Combat simulation

Combat noise
BT Noise(Sound)+

Combat patrols
BT Military operations

Combat readiness
RT War potential
BT Preparation

Combat simulation
(1-JAN-1999)
UF Combat models
BT Computerized simulation+

Combat support
BT Tactical warfare+
NT Close support+
Fire support

Combat surveillance
RT Military intelligence
Surveillance drones
Tactical intelligence
BT Surveillance

Combat vehicles
BT Military vehicles+
NT Self propelled guns
Tanks(Combat vehicles)
Weapons carriers

Combatant ships
use Naval vessels(Combatant)

Combinatorial analysis
UF Designs(Mathematics)
Enumeration theory
Factorial experiments
Latin squares
Macmahon's theory
Rotable designs
BT Mathematical analysis+
NT Factorial design

Combustibility
use Flammability

Combustible cartridge cases
BT Cartridge cases+

Combustion
UF Burning
Burning process
RT Combustion products
Combustors
Fires
Pyrolysis
BT Chemical reactions+
NT Afterburning
Antiknock+
Burning rate
Burnthrough
Charring
Cook off
Deflagration
Erosive burning
External burning
Flames+
Heat of combustion
Ignition+
Incendiary effects
Knocking
Propellant burn out
Screaming combustion
Spontaneous combustion
Subsonic combustion
Supersonic combustion

Combustion chamber gases
The gases in a combustion chamber before or after ignition. For studies of gases ejected from the combustion chamber, see Exhaust gases.
BT Gases+

Combustion chamber liners
BT Engine components+
Linings

Combustion chambers
BT Chambers
NT Combustors
Flame holders
Thrust chambers

Combustion deposits
BT Deposits
NT Fly ash

Combustion heat
use Heat of combustion

Combustion products
RT Air pollution
Combustion
NT Ashes
Exhaust gases+
Soot

Combustion resistant materials
use Fire resistant materials

Combustion stability
BT Stability
NT Flameout

Combustors
RT Combustion
BT Combustion chambers+

Comets
BT Solar system+

Comint
use Communications intelligence

Comma bacillus
use Vibrio

Command and control systems
RT Remote control
BT Control systems
NT Command control communications
Control centers

Command control communications
(1-SEP-1990)
To be used for C3 (Command, Control, Communications) and C3I (Command, Control, Communications and Intelligence) information only.
BT Command and control systems+
Communication and radio systems

Command guidance
Control or direction by an external source. As of an aircraft or missile by electronic signals.
BT Guidance
NT Wire guidance

Commerce
UF Business
Trade
RT Economic development
Marketing
Retail

Commerce (cont.)
NT Electronic commerce
International trade+

Commercial aircraft
UF Airliners
RT Air transportation
Passenger aircraft
BT Aircraft

Commercial aviation
BT Civil aviation+

Commercial communications
BT Communication and radio systems

Commercial equipment
NT Off the shelf equipment

Commercial fishing

Commercial law
(1-APR-1998)
BT Legislation

Comminution
RT Fragmentation
NT Crushing
Grinding
Shredding

Commodities

Commonality
(1-SEP-1990)
Having similar characteristics or similar operating and maintenance requirements.
RT Interoperability
Specifications

Commonwealth of Independent States
use CIS

Communicable diseases
Nonspecific diseases, or diseases for which the causative organism is not known. For specific communicable diseases use Diseases and the descriptor representing the causative organism.
RT Quarantine
BT Infectious diseases+
NT Zoonoses

Communication and radio systems
UF Radio communication systems
NT Acoustic communications
Command control communications
Commercial communications
Communications traffic+
Computer communications+

Communication and radio systems (cont.)
Conferencing(Communications)
Facsimile communications+
Field wire communications
Intercommunication systems+
Message processing
Paging
Public address systems
Radio broadcasting
Radio stations+
Single sideband communications
Space diversity communications
Strategic communications
Tactical communications
Telecommunications+
Weather communications

Communication buoys
BT Buoys+

Communication equipment
NT Facsimile equipment+
Frequency shift keyers
Loudspeakers
Microphones
Phase shift keyers
Radio equipment+
Telecommunication circuits
Telegraph equipment
Telephone equipment+
Television equipment+
Trunks(Communications)
Vocoders

Communication satellite terminals
BT Communication terminals+

Communication satellites
BT Artificial satellites+
Space communications+

Communication switching centers
BT Telecommunications+
NT Communications centrals

Communication terminals
RT Remote terminals
BT Terminals
NT Communication satellite terminals
Communications centrals

Communication theory
use Information theory

Communications centrals
RT Combat information centers
BT Communication switching centers+
Communication terminals+

Communications countermeasures
(1-SEP-1981)
Any electronic countermeasures against communications.
BT Electronic countermeasures+

Communications intelligence
Technical and intelligence information derived from foreign communications by other than the intended recipients.
UF Comint
BT Military intelligence+

Communications networks
RT Data links
BT Networks
NT Automatic voice network
Local area networks+
Wide area networks+

Communications protocols
(1-APR-1999)
BT Computer communications+
Computer logic+

Communications traffic
BT Communication and radio systems
NT Downlinks
Radio links+
Uplinks

Communism
RT Communist countries
Communists
BT Political science+

Communist countries
RT Communism
Communists
BT Geographic areas
NT China+
Cuba
Ethiopia
Franz Josef Land
North Korea
North Vietnam
USSR+

Communists
RT Communism
Communist countries
BT Personnel

Communities
RT Community relations
BT Urban areas+
NT Inhabitants
Municipalities

Community relations
RT Communities

Commutators
RT Armatures
NT Electronic commutators

Compact disks
(1-OCT-1994)
BT Optical storage+

Compacting
RT Compactors
Powder metallurgy
NT Soil compaction+

Compactors
RT Compacting
BT Waste management+

Company level organizations
BT Battalion level organizations+
NT Platoon level organizations+

Comparators
RT Comparison
BT Measuring instruments+
NT Nephelometers

Comparison
RT Comparators

Compartments
RT Cells
NT Air locks

Compasses
BT Navigational aids+
NT Gyro compasses
Peloruses
Radio compasses

Compatibility
RT Acceptability
NT Acoustic compatibility
Electromagnetic compatibility

Compensation
RT Balance

Compensators

Competition
(1-JUN-1989)

Competitive antagonists
use Antimetabolites

Compilers
Program-making routines for digital computers which enable the computer to construct programs by using other programs stored in its library of routines.
RT Subroutines
BT Computer programs

Complement(Biology)
BT Blood serum+

Complement fixation tests
use Serodiagnosis

Complementary metal oxide semiconductors
BT Metal oxide semiconductors+

Complex compounds
BT Chemical compounds
NT Chelate compounds
Clathrate compounds
Metal complexes+

Complex ions
BT Ions+

Complex numbers
BT Numbers+

Complex variables
UF Bernstein's theorem
Bieberbach conjecture
Caratheodory's theorem
Elliptic mapping
Extremal problems
Kahler manifolds
Lacunarity(Order of)
Lusin points
Lusin theorem
Muskhelishvili's theorem
Phragmen-Lindelof theorem
Polylogarithms
Riemann surfaces
Teichmuller's theorem
UFC Laurent series
Picard's theorem
BT Mathematical analysis+
NT Analytic functions
Conformal mapping
Meromorphic functions+
Special functions(Mathematics)+

Compliant walls
BT Walls+

Composite aircraft
BT Aircraft

Composite armor
BT Armor+

Composite images
BT Images

Composite materials
Bonded combinations of plastics, metals, cermets, or other dissimilar materials.
RT Bimetals
BT Materials
NT Agglomerates
Carbon carbon composites
Carbon phenolic materials
Carbon reinforced composites
Ceramic matrix composites
Epoxy composites+
Eutectic composites
Fiber reinforced composites
Graphited materials
Laminates+
Matrix materials+
Quartz phenolic materials

Composite materials (cont.)
Reinforced plastics+
Syntactic foams
Thermoplastic composites
Whisker composites

Composite propellants
RT Double base propellants
BT Solid propellants+

Composite structures
BT Structures

Composite wings
BT Wings+

Composition(Property)
RT Solutions(Mixtures)
NT Chemical composition
Concentration(Composition)+

Composition board
UF Particle board

Composts
RT Shredding
BT Waste management+

Compound engines
Reciprocating engines utilizing exhaust gas to rotate turbines.
BT Internal combustion engines+

Compound eye
use all Arthropoda
Eye

Comprehension
RT Intelligibility

Compressed air
RT Air compressors
BT Air
Gases+

Compressed foods
BT Concentrated foods+

Compressed gas containers
use Gas cylinders

Compressibility
use Compressive properties

Compressible flow
RT Incompressible flow
BT Fluid flow+

Compression
RT Compressors
Decompression
NT Data compression+
Incompressibility
Pulse compression
Speech compression

Compression (cont.)
Thermocompression
Time compression

Compression ignition
RT Compression ignition engines
BT Ignition+

Compression ignition engines
RT Compression ignition
BT Internal combustion engines+
NT Diesel engines

Compression molding
BT Molding techniques+

Compression ratio
BT Ratios

Compression shock
use Shock waves

Compression waves
(1-OCT-1995)
Mechanical waves in which the direction of displacement is parallel to the direction of propagation.
BT Mechanical waves+

Compressive properties
Response to compression loads.
UF Compressibility
BT Mechanical properties+
NT Bearing strength

Compressive strength
(1-OCT-1992)
The maximum compressive stress a material can stand without failure.
RT Resilience
BT Strength(Mechanics)+

Compressor blades
BT Rotor blades(Turbomachinery)+
NT Axial flow compressor blades

Compressor components
(1-DEC-1984)
UF Compressor parts
BT Compressors+

Compressor noise
BT Machinery noise+

Compressor parts
use Compressor components

Compressor rotors
BT Rotors

Compressor stators
BT Stators+

Compressors
RT Compression
BT Pneumatic equipment
NT Air compressors
Compressor components
Gas compressors
High pressure compressors
Mixed flow compressors
Oil free compressors
Refrigerant compressors
Rotary compressors+
Superchargers+

Compton scattering
BT Gamma ray scattering+

Comptrollers
BT Finance

Computational chemistry
(1-APR-1998)
BT Analytical chemistry+

Computational fluid dynamics
(1-OCT-1992)
BT Fluid dynamics+
Numerical methods and procedures+
NT Euler equations

Computational linguistics
RT Machine aided indexing
BT Linguistics+
NT Machine translation

Computations
RT Calculators
BT Mathematical analysis+

Computer access control
(1-OCT-1999)
BT Access
Data processing security+

Computer aided design
UF Computer aided engineering
RT Computer graphics
BT Computer applications

Computer aided diagnosis
BT Diagnosis(General)

Computer aided engineering
use Computer aided design

Computer aided instruction
RT Learning machines
Teaching machines
BT Computer applications
Teaching methods+
NT Distance learning

Computer aided manufacturing
(1-DEC-1984)
The use of computers to communicate work instructions to automate machinery for the handling and processing needed to produce a workpiece.
BT Computer applications
Manufacturing

Computer applications
NT Computer aided design
Computer aided instruction+
Computer aided manufacturing
Computer vision
Computerized simulation+
Medical computer applications

Computer architecture
RT Relational data bases
BT Computers+
NT High level architecture
Open system architecture

Computer benchmarking
(1-OCT-1994)
The evaluation process of hardware or software to a reference point so that an evaluation of performance may be made.
BT Software engineering+

Computer communications
RT Computer networks
Electronic mail
BT Communication and radio systems
NT Communications protocols
Computer gateways

Computer files
BT Files(Records)+
NT Data bases+

Computer gateways
(1-OCT-1991)
Nodes common to two or more computer networks through which data flows from network to network.
BT Computer communications+
Computer networks+

Computer graphics
RT Computer aided design
Interactive graphics
BT Display systems
Graphics

Computer logic
RT Mathematical logic
BT Logic
NT Communications protocols
Fuzzy logic

Computer networks
(1-JUN-1989)
A configuration of two or more computers linked to share information and resources.
RT Computer communications
Data links
BT Computers+
Networks
NT Client server systems
Computer gateways
Local area networks+
Network architecture
Network topology
Wide area networks+

Computer operators
BT Computer personnel+
Operators(Personnel)+

Computer personnel
BT Personnel
NT Computer operators
Programmers

Computer printouts
BT Output+

Computer program documentation
BT Computer programs
Documents

Computer program reliability
BT Computer programs

Computer program verification
BT Computer programs
Verification+

Computer programming
UF Coding(Computers)
Programming(Computers)
RT Computer programs
Computers
Flow charting
Programmers
Programming languages
NT Automatic programming
Control sequences
Debugging(Computers)
Floating point operation
Machine coding
Macroprogramming
Microprogramming
Multiprogramming
Object oriented programming
Spreadsheet software
Structured programming
Symbolic programming

Computer programs
UF Software(Computers)
RT Computer programming
Computers
NT Compilers
Computer program documentation
Computer program reliability
Computer program verification
Executive routines
Expert systems+
Fields(Computer programs)
Firmware
Operating systems(Computers)
Programming languages+
Software engineering+
Subroutines

Computer viruses
(1-OCT-1991)
Parasitic computer programs which replicate themselves. Normally spread through computer networks, these may cause harm by their active action, or by using up excessive computer memory.
RT Antivirus software
BT Data processing security+

Computer vision
(1-SEP-1990)
Capability of computers to analyze and act on visual input.
BT Computer applications

Computerized simulation
BT Computer applications
Mathematical models+
NT Analog simulation
Combat simulation
Digital simulation
Distributed interactive simulation+
Hybrid simulation

Computerized tomography
BT Tomography+

Computers
RT Calculators
Computer programming
Computer programs
Control simulators
BT Data processing equipment+
NT Analog computers+
Asynchronous computers
Central processing units+
Computer architecture+
Computer networks+
Data storage systems+
Digital computers+
Fire control computers+
Guidance computers
Guided missile computers
Host computers
Hybrid computers
Microcomputers+
Minicomputers
Navigation computers
Supercomputers

Concave bodies
BT Bodies

Concealment
BT Deception+

Concentrated foods
BT Food
NT Compressed foods
Dehydrated foods+

Concentration(Chemistry)
BT Concentration(Composition)+

Concentration(Composition)
BT Composition(Property)
NT Concentration(Chemistry)
Deuterium ion concentration
Dilution

Concrete
RT Masonry
BT Construction materials+
NT High performance concrete
Precast concrete
Reinforced concrete+
Shotcrete

Concurrent engineering
(1-OCT-1991)
Simultaneous design of the product and its manufacturing and life cycle support processes.
BT Production engineering+
Systems engineering+

Concussion
RT Traumatic shock
BT Trauma+

Condensation
Change of state from gas or vapor to liquid or solid; also meteorological phenomenon. Excludes chemical reaction.
RT Condensers(Liquefiers)
BT Phase transformations+
NT Atmospheric condensation+
Condensation nuclei

Condensation nuclei
BT Condensation+

Condensation reactions
UF Reformatsky reactions
BT Chemical reactions+
NT Friedel Crafts reactions
Grignard reactions

Condensation trails
UF Contrails
Exhaust trails

Condensation trails (cont.)
Vapor trails
BT Atmospheric condensation+

Condenser tubes
BT Condensers(Liquefiers)
Tubes

Condensers(Liquefiers)
RT Condensation
Liquefaction
NT Condenser tubes
Refrigerant condensers
Steam condensers

Condiments
UF Pepper
Seasonings
Spices
BT Food

Conditioned response
RT Conditioning(Learning)
BT Response(Biology)+

Conditioning(Learning)
RT Conditioned response
BT Learning+

Conduction(Heat transfer)
RT Thermal conductivity
BT Heat transfer

Conduction bands
BT Energy bands

Conductive liquids
BT Liquids+

Conductivity
BT Physical properties
NT Electrical conductivity+
Thermal conductivity

Conduit pliers
BT Pliers+

Conduits
RT Pipes
NT Electric conduits

Cone penetration tests
(1-OCT-1995)
BT Soil tests+

Conferencing(Communications)
BT Communication and radio systems

Confidence level

Confidence limits
BT Statistical analysis+

Configuration management
BT Management

Configurations
NT Aerodynamic configurations+
Antenna configurations
Coaxial configurations
Convolution
Cruciform configurations
Overlap
Shape+
Stub configurations

Confined environments
Restricted or isolated environments involving any number of people, such as in spacecraft, submarines, or bomb shelters.
RT Isolation
BT Environments

Confinement(General)
NT Confinement(Nuclear reactors)
Isolation

Confinement(Nuclear reactors)
Systems or equipment that provide total isolation of hazardous materials in case of reactor accidents.
BT Confinement(General)
Nuclear reactors

Confinement(Psychology)
BT Stress(Psychology)+

Conflict

Confluence
RT Convergence

Conformal mapping
BT Complex variables+
Mapping

Conformal structures
BT Structures

Conformity
RT Accuracy

Confrontation

Congenital abnormalities
RT Genetics
BT Abnormalities

Congestion

Congestive heart failure
(1-JAN-1998)
BT Cardiovascular diseases+

Congo River
BT Rivers+

Congress
(1-SEP-1981)
Legislature of the United States consisting of the Senate and the House of Representatives.
RT Legislation
BT United States government+
NT House of Representatives
Senate

Conical antennas
BT Broadband antennas+
NT Biconical antennas
Discone antennas

Conical bodies
BT Bodies of revolution+
NT Frustums

Conical nozzles
BT Nozzles

Conical scanning
RT Nutating antennas
BT Scanning

Conical wings
BT Delta wings+

Conjugated polymers
(1-OCT-1998)
BT Polymers+

Conjugated proteins
use Proteins(Conjugated)

Conjunctivitis
BT Bacterial diseases+
Eye diseases+

Connecticut
BT New England+

Connecticut River
BT Rivers+

Connecting rods
BT Engine components+
Rods+

Connective tissue
RT Membranes(Biology)
BT Tissues(Biology)
NT Adipose tissue
Bones+
Cartilage
Fascia
Ligaments
Mast cells

Connectors
RT Couplings
Fittings
Terminals
NT Electric connectors+

Connectors(Electric)
use Electric connectors

Consciousness
RT Attention
BT Cognition

Conservation
NT Soil conservation
Water conservation+

Conservation laws(Mathematics)
use Differential geometry

Consistency
RT Accuracy
BT Methodology

Consoles
RT Display systems
BT Control panels+
NT Keyboards

Consolidation tests(Soils)
(1-OCT-1992)
A test where a soil sample is confined laterally in a ring and is compressed between porous plates which are saturated in water.
BT Soil tests+

Consortiums
BT Schools+

Constant speed drives
use all Drives
Speed regulators

Constants
RT Coefficients
Physical properties
Variables
NT Gruneisen constant

Constellations
BT Stars+
NT Galaxies

Constitutive properties
(1-OCT-1998)
Nonlinear properties of some materials in which an effect occurs other than in line with its generating force.
BT Physical properties

Constrictions
RT Barriers
Blocking
Constrictions (cont.)
Stenosis
NT Vasoconstricting

Construction
RT Architecture
Demolition
Excavation
Fabrication
Structural engineering
NT Construction equipment+
Construction materials+
Filament wound construction
Modular construction+
Tape wound construction
Underwater construction

Construction equipment
RT Bulldozers
BT Construction
NT Earth handling equipment
Pile drivers
Road building equipment

Construction materials
BT Construction
Materials
NT Aggregates(Materials)
Backfills
Concrete+
Earth fills
Masonite
Masonry+
Mortars(Material)+

Consulting services
(1-OCT-1997)

Consumable electrode process
BT Arc melting+

Consumer problems
BT Consumers+

Consumers
RT Consumption
Retail
BT Personnel
NT Consumer problems

Consumption
RT Consumers
Demand(Economics)
Utilization
NT Alcohol consumption
Energy consumption
Food consumption
Fuel consumption+
Oil consumption
Oxygen consumption

Contact fuzes
use Impact fuzes

Contact lenses
(1-DEC-1984)
A thin lens fitted over the cornea to correct defects of vision.
BT Optical lenses+

Contact mines
BT Mines(Ordnance)+

Contact printers
RT Microcontact printing
BT Photographic printers+

Containerized shipping
RT Containerships
Shipping containers
BT Shipping+

Containerizing
RT Containers
BT Packaging

Containers
RT Containerizing
NT Ammunition containers+
Ampules
Autoclaves
Backpacks
Bags
Barrels
Bladders+
Bottles+
Boxes+
Canisters
Cardboard boxes
Crucibles
Flasks+
Housings
Humidity cabinets
Shipping containers
Tanks(Containers)+
Trays

Containerships
RT Containerized shipping
BT Cargo ships+

Containment(General)
NT Containment(Nuclear reactors)
Oil pollution containment

Containment(Nuclear reactors)
BT Containment(General)
Nuclear reactors

Contaminants
RT Impurities
BT Contamination

Contamination
RT Decontamination
NT Biological contamination
Chemical contamination
Contaminants
Fuel contamination

Contamination (cont.)
Pollution+
Radioactive contamination+

Context free grammars
UF CF grammars
BT Grammars+

Context sensitive grammars
UF CS grammars
BT Grammars+

Continental drift
BT Plate tectonics+

Continental shelves
BT Topography

Continental slopes
BT Topography

Continuity
RT Discontinuities

Continuous media
use Continuum mechanics

Continuous processing
BT Processing

Continuous rod warheads
BT Warheads+

Continuous spectra
RT Bremsstrahlung
BT Spectra+

Continuous strip cameras
UF Strip cameras
BT Aerial cameras+

Continuous wave lasers
BT Lasers+

Continuous wave radar
UF CW radar
BT Radar

Continuous waves

Continuum mechanics
UF Continuous media
BT Mechanics

Contour integrals
(1-OCT-1996)
BT Integrals+

Contours
BT Shape+

Contraception
(1-OCT-1997)
Includes methods and agents.
BT Reproduction(Physiology)+

Contract administration
BT Management
NT Contract proposals
Contracted services
Contracts+

Contract proposals
BT Contract administration+

Contracted services
(1-OCT-1997)
BT Contract administration+

Contraction
UFC Spasm
RT Antispasmodic agents
Shrinkage

Contractors
(1-DEC-1984)
One that performs work or provides supplies (on a larger scale) according to a contractual agreement.
UF Subcontractors
RT Contracts
BT Personnel
NT Vendors

Contracts
RT Contractors
Leasing
Procurement
BT Contract administration+
NT Incentive contracts
Waiver

Contrails
use Condensation trails

Contrast
BT Perception+
NT Legibility
Photographic contrast+

Contrast media(Medicine)
UF Iodochlorol
Iodopyracet
Lipiodol
Radiopaque agents
BT Diagnostic agents+

Control
RT Manipulators
NT Arms control+
Boundary layer control+
Censorship
Control reversal
Control theory
Damage control+
Depth control
Dust control
Emission control
Flood control+
Fluid control

Control (cont.)
Fluidic control
Load control
Override control
Pest control+
Phase control
Plasma control+
Quality control+
Reactor control+
Remote control
Temperature control
Throttling+
Weapon control

Control amplifiers
use Servoamplifiers

Control boxes
use Control panels

Control centers
BT Command and control systems+

Control jets
BT Thrust control+

Control knobs
UF Knobs

Control panels
UF Control boxes
UFC Firing panels
Radar panels
Radio panels
RT Firing circuits
BT Control systems
NT Consoles+
Instrument panels
Panel boards(Electricity)

Control reversal
BT Control

Control rods
Rods that control the reaction rate in reactors. Includes fuel rods and neutron absorbers.
BT Reactor system components

Control sequences
The normal sequence of selection of digital computer instructions for execution.
BT Computer programming

Control simulators
RT Computers
BT Simulators+

Control sticks
BT Control systems
Manual operation+

Control surfaces
Surfaces that provide predictable influences over the trajectories of bodies moving through gases or liquids.
BT Control systems
Surfaces
NT Aerodynamic control surfaces+
Fins+
Guide vanes+
Hydrodynamic control surfaces
Rudders+

Control systems
NT Adaptive control systems+
Airborne warning and control system
Camera controls+
Command and control systems+
Control panels+
Control sticks
Control surfaces+
Depth control
Flight control systems+
Reaction control systems
Regulators+

Control test vehicles
BT Test vehicles

Control theory
BT Control
Theory

Controllable pitch propellers
(1-NOV-1980)
An aircraft or ship propeller in which the angular pitch of the blades can be changed while the propeller is in motion.
BT Propellers

Controllable thrust rocket engines
Rocket motors whose thrust magnitude can be varied or controlled, and/or can be shut off and restarted.
UF Variable thrust rocket motors
BT Rocket engines+

Controlled atmospheres
UF Inert atmospheres
RT Air conditioning equipment
BT Atmospheres
NT Clean rooms
Germ free atmospheres
Submarine atmospheres

Controlled configured vehicles

Controlled mines
BT Mines(Ordnance)+

Controlled nuclear fusion
RT Stellarators
BT Nuclear fusion+
NT Laser induced fusion
Tokamaks

Convalescence
BT Hospitalizations+

Convection
RT Advection
Motion
NT Convection(Atmospheric)
Convection(Heat transfer)
Upwelling

Convection(Atmospheric)
BT Convection

Convection(Heat transfer)
BT Convection
Heat transfer

Convenience foods
BT Food

Conventional warfare
BT Warfare
NT First World War
Korean War
Persian Gulf War
Second World War
Vietnam War

Convergence
RT Confluence
NT Weak convergence

Convergence zones
(1-MAY-1981)

Convergent divergent nozzles
BT Nozzles

Conversion
RT Converters
NT Energy conversion+
Frequency conversion

Conversion electrons
use all Electrons
Internal conversion

Conversion ratio
BT Ratios
Reactor lattice parameters+

Converters
RT Conversion
Inverters
NT Analog to digital converters
DC to DC converters
Digital to analog converters
Down converters
Electromechanical converters
Converters (cont.)
Frequency shift converters
Image converters
Torque converters
Video converters

Convertible planes
BT Vertical takeoff aircraft+

Convex bodies
BT Bodies
NT Cylindrical bodies+
Disks
Ellipsoids
Hemispheres
Hemispherical shells
Monocoques
Ogives
Parabolic bodies
Spheres+

Convex cones
use Convex sets

Convex functions
use Functions(Mathematics)

Convex polyhedral cones
use Convex sets

Convex sets
UF Convex cones
Convex polyhedral cones
Convexity theroem
BT Algebra+
Set theory+

Convexity theroem
use Convex sets

Conveyors
UF Chutes
Tramways
Transfer trays
UFC Powder transfer trays
Projectile transfer trays
BT Materials handling equipment

Convolution
BT Configurations

Convolution integrals
RT Integral transforms
BT Integrals+

Convulsive disorders
UF Eclampsia
Myoclonus
Tetany
BT Nervous system diseases+
NT Epilepsy

Cook off
BT Combustion+

Cooking devices
UF French fryers
Waffle irons
UFC Coffee makers
Electrical cooking devices
Electronic cooking devices
RT Heating elements
BT Kitchen equipment and supplies
NT Ovens+
Stoves
Toasters

Cool flames
BT Flames+

Coolant pumps
BT Cooling and ventilating equipment+
Pumps

Coolants
BT Cooling
NT Liquid metal coolants
Reactor coolants
Refrigerants

Cooling
UF Chilling
RT Ablation
Freezing
Heat loss
Thermodynamics
NT Air cooled+
Coolants+
Cooling and ventilating equipment+
Film cooling
Liquid cooling+
Radiant cooling
Regenerative cooling
Supercooling
Sweat cooling
Thermoelectric cooling

Cooling and ventilating equipment
BT Cooling
NT Air conditioning equipment+
Blowers+
Coolant pumps
Cooling fans
Cooling towers
Oil coolers
Refrigerant compressors
Refrigerant condensers
Refrigeration systems+
Ventilation ducts
Ventilators
Water coolers

Cooling fans
BT Cooling and ventilating equipment+
Fans+

Cooling towers
BT Cooling and ventilating equipment+

Cooperation
BT Attitudes(Psychology)+
Group dynamics+

Coordinates
UF Axes(Coordinates)
RT Grids
NT Axes
Cartesian coordinates
Degrees of freedom
Grids(Coordinates)+
Variable coordinates

Copolymerization
BT Polymerization+

Copolymers
BT Polymers+
NT Block copolymers
Olefin polymers+

Copper
RT Copper alloys
Copper compounds
BT Transition metals+

Copper alloys
RT Copper
BT Alloys
NT Brass
Bronze
Copper nickel alloys+
Manganin

Copper coatings
BT Metal coatings+

Copper compounds
RT Copper
BT Group I compounds+
NT Copper oxides+
Copper sulfides

Copper nickel alloys
BT Copper alloys+
Nickel alloys+
NT Monel metal

Copper oxides
(1-OCT-1993)
BT Copper compounds+
NT Yttrium barium copper oxides

Copper sulfides
BT Copper compounds+
Sulfides+

Coproporphyrins
use Porphyrins

Copying cameras
BT Cameras+

Copyrights
(1-SEP-1981)
The exclusive legally secured right to reproduce, publish and sell the matter and form of a literary, musical or artistic work for a period of 28 years with a right to renewal for another 28 years.
RT Patents

Coral
BT Coelenterata+
NT Coral reefs+

Coral reefs
BT Coral+
Reefs+
NT Atolls+

Cordage
UFC Balloon shrouds
Shrouds(Balloon)
RT Mechanical cables
NT Rope+

Cordierite
use Minerals

Cordite
use Smokeless propellants

Cordtex
use Detonating cord

Core sampling
BT Sampling+

Core storage
RT Buffer storage
BT Data storage systems+
Memory devices+

Cores
NT Honeycomb cores
Magnetic cores
Reactor cores

Coriolis effect
BT Meteorological phenomena

Cork
BT Organic materials+

Corn
UF Maize
BT Cereals+
Farm crops+

Cornea
BT Eye+

Corner reflectors
BT Reflectors
NT Radar corner reflectors

Coronary arteries
RT Coronary disease
BT Arteries+

Coronary circulation
use all Blood circulation
Heart

Coronary disease
RT Coronary arteries
BT Cardiovascular diseases+

Coronas
NT Electrical corona
Solar corona

Corporate downsizing
(1-OCT-1994)
RT Personnel management
BT Corporations+

Corporate information management
(1-OCT-1992)
The creation, use, sharing, and disposition of data or information by function proponents as corporate resources critical to the effective and efficient operation of functional activities which includes the structuring of functional management improvement processes to produce and control the use of data and information in functional activities, information resource management, supporting information technology and information services.
BT Information processing+
Systems management+

Corporations
UF Firms
BT Organizations
NT Corporate downsizing

Corps level organizations
(1-SEP-1981)
A tactical unit usually consisting of two or more divisions and auxiliary army and services.
BT Military organizations+
NT Division level organizations+

Corpuscular radiation
BT Radiation
NT Alpha particles
Beta particles
Electron beams
Neutrinos

Corpuscular radiation (cont.)
Neutron beams
Proton beams
Solar cosmic rays

Corrections
RT Editing
Errors
NT Error correction codes

Correlation
(1-MAY-1983)
To put in relationship to each other; to establish a systematic relationship; the act or process of correlating.
RT Correlation techniques
Correlators
Least squares method
Optimization

Correlation guidance
BT Guidance

Correlation techniques
Mathematical procedures for examining the significance of relationships among variables which may be used in optimization of physical systems and equipment, as well as in purely theoretical investigations.
RT Correlation
BT Statistical analysis+
NT Autocorrelation
Cross correlation

Correlators
RT Correlation
NT Optical correlators

Corrosion
UF Corrosion research
Corrosive effects
BT Chemical attack(Degradation)+
Degradation
NT Atmospheric corrosion
Cavitation corrosion
Galvanic corrosion
Sea water corrosion
Stress corrosion

Corrosion inhibition
UF Corrosion prevention
UFC Anticorrosive coatings
Anticorrosive paints
Corrosion-resistant coatings
RT Antioxidants
Corrosion resistance
BT Inhibition
NT Cathodic protection
Passivation(Metallurgy)

Corrosion prevention
use Corrosion inhibition

Corrosion research
use Corrosion

Corrosion resistance
RT Corrosion inhibition
Corrosion resistant alloys
BT Resistance
NT Oxidation resistance

Corrosion resistant alloys
RT Corrosion resistance
BT Alloys

Corrosion-resistant coatings
use all Coatings
Corrosion inhibition

Corrosive effects
use Corrosion

Corrosive gases
BT Gases+

Corrosive liquids
BT Liquids+

Corrugating
RT Grooving

Corticosteroid agents
UF Corticosterone
Cortisone
DCA
Deoxycorticosterone
Desoxycorticosterone
Electrocortin
Hydrocorticosteron
Predinsolone
Triamcinolone
RT Cortisol
BT Adrenal cortex hormones+

Corticosterone
use Corticosteroid agents

Corticotropin
use Adrenocorticotropic hormone

Cortisol
RT Corticosteroid agents
BT Alcohols+
Steroids+

Cortisone
use Corticosteroid agents

Corundum
RT Abrasives
Aluminum oxides
BT Ores(Nonmetallic)
NT Ruby
Sapphire

Corydaline derivatives
use Isoquinoline alkaloids

Corynebacteriaceae
BT Eubacteriales+
NT Corynebacterium+
Listeria+

Corynebacterium
BT Corynebacteriaceae+
NT Corynebacterium diphtheriae

Corynebacterium diphtheriae
BT Corynebacterium+

Coryza
use Adenoviruses

Cosmetics
use Toilet articles

Cosmic dust
BT Dust+

Cosmic radiation
use Cosmic rays

Cosmic radio waves
use Extraterrestrial radio waves

Cosmic ray telescopes
RT Cosmic rays
BT Radiation measuring instruments+

Cosmic rays
UF Cosmic radiation
RT Cosmic ray telescopes
BT Ionizing radiation+
NT Galactic cosmic rays
Solar cosmic rays

Cosmology
BT Space sciences

Cosmonauts
use Astronauts

Cosmotron
use Particle accelerators

Cost analysis
RT Economic analysis
Feasibility studies
BT Costs+
NT Cost estimates
Cost overruns

Cost benefit analysis
(1-OCT-1997)
BT Cost effectiveness+

Cost effectiveness
BT Costs+
NT Cost benefit analysis

Cost estimates
BT Cost analysis+
Estimates

Cost models
BT Costs+
Economic models+

Cost overruns
BT Cost analysis+

Cost reduction
(1-JAN-00)
BT Savings

Costa Rica
BT Central America+

Costs
BT Economics
NT Cost analysis+
Cost effectiveness+
Cost models
Design to cost
High costs
Indirect costs
Life cycle costs
Low costs
Price index

Cotton
RT Cotton textiles
BT Farm crops+

Cotton cellulose
use Cellulose

Cotton duck
use Cotton textiles

Cotton textiles
UF Cotton duck
RT Cotton
BT Textiles

Cottonseed oil
use Vegetable oils

Couette flow
BT Fluid flow+
Steady flow+
Two dimensional flow+

Coulometers
RT Ammeters
BT Measuring instruments+

Coumarins
RT Anticoagulants
BT Lactones+

Counseling
BT Clinical psychology+

Count rate meters
RT Counters
BT Radiation measuring instruments+

Countdown procedures
use Checkout procedures

Counter countermeasures
(1-MAY-1981)
BT Countermeasures+
NT Electronic counter countermeasures+
Optical counter countermeasures+

Counterforces(Military)
(1-DEC-1984)
The employment of strategic air and missile forces to destroy or render impotent military capabilities of an enemy force. Bombers and their bases, ballistic missile submarines, ICBM silos, ABM and air defense installations, command and control center, and nuclear stockpiles are typical counterforce targets.
BT Military operations

Counterinsurgency
RT Insurgency
Military advisors
Military assistance
BT Unconventional warfare+

Counterintelligence
BT Intelligence

Countermeasures
BT Defense systems
NT Acoustic countermeasures+
Antireflection coatings+
Counter countermeasures+
Deception+
Electronic countermeasures+
Guided missile countermeasures
Mine countermeasures+
Optical countermeasures+
Signature reduction+
Thermal countermeasures
Torpedo countermeasures

Countermining
BT Mine countermeasures+

Counterrecoil mechanisms
use Recoil mechanisms

Counterrotating propellers
BT Propellers

Counterrotation
BT Rotation+

Counters
RT Count rate meters
NT Crystal counters
Particle counters+
Pulse counters
Quantum counters
Rounds counters
Time interval counters

Counters(Gun actuation)
use Rounds counters

Counterterrorism
(1-SEP-1990)
Offensive measures taken in response to terrorists acts.
RT Terrorism
BT Unconventional warfare+

Counting methods
RT Blood counts
Crystal counters
Sampling
NT Census
Coincidence counting
Scoring

Coupled antennas
BT Antennas

Couplers
RT Coupling(Interaction)
Couplings
NT Antenna couplers
Coupling circuits
Waveguide couplers

Coupling(Interaction)
RT Couplers
Couplings
BT Interactions
NT Synergism

Coupling circuits
UFC Baluns
BT Circuits+
Couplers

Couplings
RT Connectors
Couplers
Coupling(Interaction)
BT Fittings+
NT Flexible couplings
Hose couplings
Hydraulic couplings
Self sealing couplings
Shaft couplings
Torque couplings

Coups
use Political revolution

Course indicators
BT Flight instruments+
Navigational aids+
NT Driftmeters

Courses(Education)
(1-MAY-1983)
Curriculum.

Covalent bonds
BT Chemical bonds+
NT Valence+
Van der Waals forces

Covariance
BT Statistical analysis+

Coveralls
BT Protective clothing+

Coverings
RT Capping
Hoods
Jackets
NT Floor coverings+
Inlet shrouds
Protective coverings+

Covert operations
RT Infiltration(Personnel)
NT Smuggling+

Coxiella
BT Rickettsiaceae+
NT Coxiella burnetii

Coxiella burnetii
RT Q fever
BT Coxiella+

Coxsackie virus
BT Enteroviruses+

Crabs
BT Crustacea+

Crack propagation
RT J integrals
BT Cracks+
Propagation

Crack tips
(1-JAN-00)
BT Cracks+

Cracking(Fracturing)
BT Cracks+
NT Microcracking

Cracks
BT Physical properties
NT Crack propagation
Crack tips
Cracking(Fracturing)+

Cramer-Smirnov test
use Statistical tests

Cranes
RT Booms(Equipment)
BT Hoists+
NT Gantries

Cranial nerves
BT Peripheral nervous system+
NT Auditory nerve
Oculomotor nerve
Olfactory nerve
Optic nerve

Crankcases
RT Positive crankcase ventilation
BT Engine components+
NT Crankshafts

Cranked wings
UF Gull wings
BT Wings+

Crankshafts
BT Crankcases+
Shafts(Machine elements)

Crank-Nicolson procedure
use Numerical methods and procedures

Crash injuries
BT Trauma+

Crash landings
(1-DEC-1984)
BT Aircraft landings+
Aviation accidents+
NT Ditching

Crash rescue boats
BT Boats
Sea rescue equipment+

Crash resistance
RT Crashworthiness
BT Resistance

Crash vehicles
Vehicles used in crash rescue operations.
BT Vehicles

Crashes
BT Accidents
Motor vehicle accidents+

Crashworthiness
(1-SEP-1981)
The ability of any vehicle to survive a crash environment.
RT Crash resistance
BT Safety

Cratering
RT Craters
BT Landing impact+

Craters
RT Cratering
BT Impact point+

Crayon detectors
BT Chemical agent detectors+

Crazing
BT Damage

Creatine
BT Amino acids+

Creatine phosphokinase
BT Phosphorus transferases+

Creatinine
BT Urine+

Creativity
BT Mental ability

Creep
Slow plastic deformation under stress.
RT Cold flow
Plastic deformation
Plastic flow
BT Mechanical properties+

Creep strength
BT Mechanical properties+

Creep tests
BT Test methods+

Creosote
BT Organic materials+

Crescent wings
use Varying sweep wings

Crews
BT Personnel
NT Flight crews
Ground crews
Gun crews
Space crews+
Tank crews

Crimes
RT Criminal investigations
Criminology
Drug abuse
Police
NT Aircraft hijacking
Assault
Bribery
Burglary
Homicide
Kidnappings
Crimes (cont.)
Theft+

Criminal investigations
RT Crimes
Site investigations
BT Criminal justice system

Criminal justice system
RT Litigation
NT Criminal investigations
Law enforcement+
Prisons

Criminology
RT Crimes
BT Sociology+
NT Aircraft hijacking
Delinquency+
Domestic violence

Crimping
use Folding

Crimping tools
RT Folding
BT Small tools+

Crisis management
BT Management

Critical assemblies
BT Nuclear reactors

Critical path methods
BT Network analysis(Management)+

Critical temperature
RT Phase transformations
BT Temperature

Criticality(General)
(1-MAY-1983)
Critical quality or condition.

Croatia
(1-OCT-1994)
RT Serbocroatian language
BT Yugoslavia+

Cross beam devices

Cross correlation
BT Correlation techniques+

Cross culture(Sociology)
BT Culture+

Cross flow
BT Flow

Cross modulation
BT Modulation

Cross polarization
BT Polarization+

Cross rolling
use Rolling(Metallurgy)

Cross sections
NT Nuclear cross sections+
Optical cross sections
Radar cross sections

Cross sections(Nuclear)
use Nuclear cross sections

Crossbar switches
BT Electric switches+

Crossed field devices
BT Electron tube components+

Crossings
RT Bridges

Crosslinking(Chemistry)
BT Chemical bonds+
Curing+
NT Vulcanization+

Crosstalk
BT Interference

Crosswinds
BT Wind+

Crown ethers
(1-JAN-1998)
BT Ethers+

Crucibles
BT Containers

Cruciform configurations
(1-MAY-1983)
A configuration in the shape of a cross.
RT Cruciform wings
BT Configurations

Cruciform wings
RT Cruciform configurations
BT Wings+

Crude oil
UF Petroleum
RT Natural resources
BT Oils
Petroleum products+
NT Oil shales
Shale oil

Cruise missiles
BT Guided missiles

Cruisers
BT Naval vessels(Combatant)+

Crusher gages
BT Pressure gages+

Crushing
BT Comminution

Crustacea
UF Cladocera
BT Arthropoda+
Shellfish+
NT Barnacles
Crabs
Decapoda+
Isopoda
Ostracoda
Shrimp

Cryobiology
BT Biology+

Cryocoolers
(1-OCT-1996)
BT Cryopumping+
Refrigeration systems+

Cryogenic engines
BT Liquid propellant rocket engines+

Cryogenic propellants
BT Liquid rocket propellants+

Cryogenic storage devices
BT Memory devices+

Cryogenics
Studies at temperatures below 100 k.
RT Joule Thomson effect
Liquefied gases
NT Cryopumping+

Cryoprotective agents
BT Chemical agents

Cryopumping
BT Cryogenics
Pumping
NT Cryocoolers

Cryostats
BT Thermostats+

Cryosurgery
(1-OCT-1996)
BT Surgery+

Cryptococcus
BT Deuteromycetes(Imperfect fungi)+

Cryptography
RT Coding
BT Secure communications+

Cryptography (cont.)
NT Steganography

Crystal chemistry
BT Chemistry+
NT Hydrates

Crystal counters
RT Counting methods
BT Counters
Radiation measuring instruments+

Crystal defects
BT Crystal lattices+
NT Point defects+

Crystal detectors
BT Demodulators

Crystal filters
BT Bandpass filters+
Electric filters+

Crystal growth
RT Crystallization
Twinning(Crystallography)
BT Growth(General)
NT Epitaxial growth+

Crystal holders
Permanent mounting of crystals. For processing holders, see Jigs.

Crystal lattices
RT Lattice dynamics
BT Crystal structure+
NT Crystal defects+
Simple cubic lattices
Superlattices

Crystal mixers
BT Mixers(Electronics)+
Semiconductor diodes+

Crystal oscillators
BT Oscillators+

Crystal ovens
BT Furnaces+

Crystal rectifiers
BT Rectifiers+

Crystal structure
RT Gruneisen constant
BT Crystallography
NT Brillouin zones
Crystal lattices+
Crystal substructure+
Grain structures(Metallurgy)+
Mosaic structures(Crystallography)
Pleochroism+
Polycrystalline
Symmetry(Crystallography)

Crystal substructure
BT Crystal structure+
NT Fermi surfaces

Crystal video receivers
BT Microwave receivers+

Crystallization
RT Crystal growth
BT Crystallography
Phase transformations+
NT Recrystallization

Crystallography
RT Solid state physics
NT Crystal structure+
Crystallization+
Crystals+
Twinning(Crystallography)

Crystals
BT Crystallography
NT Czochralski crystals
Etched crystals
Ferroelectric crystals
Ionic crystals
Liquid crystals+
Metal crystals
Piezoelectric crystals
Single crystals
Spherulites
Whiskers(Crystals)

CS agents
BT Irritating agents+

CS grammars
use Context sensitive grammars

Cuba
BT Communist countries+
West Indies+

Cubanes
(1-JAN-1999)
C8H8 in a cubically structured molecule.
BT Hydrocarbons+

Cubic spline technique
BT Interpolation+

Cueing
BT Fire control systems+
Target designators+

Cues(Stimuli)
BT Stimuli

Culex
BT Culicidae+

Culicidae
UF Mosquitoes
RT Mosquito borne diseases

Culicidae (cont.)
BT Diptera+
NT Aedes
Anopheles
Culex
Uranotaenia

Culicoides
BT Diptera+

Cultural resources
(1-OCT-1993)
The totality of socially transmitted behavior patterns, arts, beliefs, institutions and all other products of human work and thought typical of a population or community at a given time.
BT Resources

Culture
RT Museums
BT Social sciences
NT Cross culture(Sociology)

Culture media
BT Food
NT Agar

Cultures(Biology)
RT Biopsy
BT Biology+
NT Tissue culture+

Cumenes
BT Aromatic hydrocarbons+

Cumulative frequency functions
use Statistical functions

Cumulonimbus clouds
UF Thunderclouds
RT Thunderstorms
BT Clouds+

Cumulus clouds
BT Clouds+

Cupolas
UF Observation cupolas

Cuprea bark alkaloids
use Quinoline alkaloids

Curare alkaloids
UF Intocostrin
Tubocurarines
BT Isoquinoline alkaloids+

Curie temperature
RT Diamagnetism
BT Magnetic properties+
Temperature

Curing
UF Ripening
BT Chemical reactions+
NT Crosslinking(Chemistry)+
Curing agents
Tanning

Curing agents
BT Curing+

Curium
BT Actinide series+
Transuranium elements+

Curium compounds
BT Transuranium compounds+

Currency
use Money

Current amplifiers
RT Voltage amplifiers
BT Amplifiers

Current density
RT Electron density

Current limiters
BT Limiters

Current regulators
UF Current stabilizers
Electric current regulators
BT Regulators+

Current stabilizers
use Current regulators

Currents
NT Electric current+
Ocean currents+
River currents
Tidal currents
Turbidity currents

Currents(Electrical)
use Electric current

Curvature
BT Curves(Geometry)+
Differential geometry+
Shape+

Curve fitting
RT Least squares method
BT Numerical analysis+

Curved profiles
BT Geometric forms
Profiles
NT Aspherical lenses

Curves(Geometry)
RT French curve
BT Lines(Geometry)+

Curves(Geometry) (cont.)
NT Catenaries
Circles
Curvature
Helixes
Hyperbolas
Parabolas

Cushing's disease
use all Neoplasms
Pituitary gland

Cushioning

Customer services
(1-APR-1998)
RT User needs

Cut off valves
BT Valves

Cutters
RT Cutting
BT Cutting tools+
NT Chaff cutters

Cutters(Vessels)
(1-OCT-1996)
BT Coast Guard ships+

Cutting
RT Cutters
NT Dissection
Underwater cutting

Cutting fluids
BT Lubricants

Cutting tools
UFC Cutting torches
BT Tools
NT Cable cutting devices
Carbide tools
Cutters+
Dies
Knives+
Milling machines+
Saws+

Cutting torches
use all Cutting tools
Torches

CW radar
use Continuous wave radar

Cyanamides
BT Amides+

Cyanates
BT Esters+
NT Isocyanates
Thiocyanates

Cyanides
BT Organic compounds
NT Hydrogen cyanide

Cyanine
BT Heterocyclic compounds+

Cyanine dyes
BT Dyes+

Cyanocobolamin
use Vitamin B complex

Cyanogen
BT Nitriles+

Cyanophyta
use Algae

Cyanuric acid

Cybernetics
RT Information theory
Neural nets
NT Coding+

Cyclazocine
BT Drugs

Cycles
NT Closed cycle systems
Life cycles
Solar cycle
Thermodynamic cycles+
Vuilleumier cycle

Cyclic compounds
BT Organic compounds
NT Cycloalkanes+
Cycloalkenes+
Cyclohexanols
Cyclohexanones+
Heterocyclic compounds+
Monocyclic compounds
Norcarane
Polycyclic compounds+

Cyclic groups
use Groups(Mathematics)

Cyclic loads
(1-JUN-1989)
Alternating or repetitive loads.
BT Dynamic loads+

Cyclic rate
BT Rates

Cyclic tests
BT Test methods+
NT Thermal cycling tests

Cyclic variations
use Periodic variations

Cycloalkanes
BT Alkanes+
Cyclic compounds+
NT Cyclobutanes
Cyclohexanes
Cyclooctanes
Cyclopentanes
Cyclopropanes

Cycloalkenes
BT Alkenes+
Cyclic compounds+
NT Azulenes
Cyclobutenes
Cycloheptatrienes
Cyclohexenes+
Cyclooctatetraene
Cyclopentenes

Cyclobutanes
BT Cycloalkanes+

Cyclobutenes
BT Cycloalkenes+

Cyclogenesis
(1-SEP-1990)
Any development or strengthening of cyclonic circulation in the atmosphere.
BT Cyclones+

Cycloheptatrienes
BT Cycloalkenes+

Cyclohexanes
BT Cycloalkanes+

Cyclohexanols
BT Alcohols+
Cyclic compounds+

Cyclohexanones
BT Cyclic compounds+
Ketones+
NT Caprolactones

Cyclohexenes
BT Cycloalkenes+
NT Dimethylcyclohexene

Cycloidal propellers
BT Marine propellers+

Cyclone separators
BT Separators

Cyclones
BT Atmospheric motion+
NT Cyclogenesis
Tropical cyclones+

Cyclonite
use RDX

Cyclooctanes
BT Cycloalkanes+

Cyclooctatetraene
BT Cycloalkenes+

Cyclopentanes
BT Cycloalkanes+

Cyclopentenes
BT Cycloalkenes+

Cyclophons
use Radial beam tubes

Cyclophosphamide
BT Nitrogen heterocyclic compounds+

Cyclopropanes
BT Cycloalkanes+

Cyclostomata
BT Aquatic animals+

Cyclotol
BT Explosives

Cyclotomic units
use Number theory

Cyclotrimethylenetrinitramine
use RDX

Cyclotron magnets
BT Magnets+
Particle accelerator components+

Cyclotron radiation(Plasma physics)
use Cyclotron resonance

Cyclotron resonance
UF Cyclotron radiation(Plasma physics)
Helical paths(Charged particles)
BT Resonance+

Cyclotron targets
use Particle accelerator targets

Cyclotron waves
Waves associated with the electron beams of traveling wave tubes.

Cyclotrons
BT Particle accelerators

Cylindrical antennas
BT Antennas

Cylindrical bodies
BT Bodies of revolution+
Convex bodies+

Cylindrical bodies (cont.)
NT Stiffened cylinders+

Cyprus
BT Mediterranean Sea Islands+
Middle East+

Cysteine
BT Amino acids+
Thiols

Cystine
BT Amino acids+

Cystoscopes
BT Medical equipment
Optical equipment

Cysts
BT Neoplasms+
NT Oocysts

Cytochemistry
BT Biochemistry+

Cytochrome oxidase
BT Coenzymes+
Oxidoreductases+

Cytology
BT Biology+
NT Cell division+
Cell structure+
Cells(Biology)+

Cytomegalovirus
BT Herpetic viruses+

Cytopathology
(1-SEP-1981)
A branch of pathology concerned with abnormalities within cells. Deals with the manifestations of disease on the cellular level.
BT Pathology+
NT Pleocytosis

Cytoplasm
BT Cell structure+
NT Granules
Kinetoplast
Microsomes
Mitochondria
Protoplasm
Ribosomes

Cytosine
BT Pyrimidines+

Cytotoxic drugs
use all Cytotoxins
Drugs

Cytotoxins
UFC Cytotoxic drugs
BT Toxins and antitoxins
NT Lymphotoxins

Czech language
(1-OCT-1999)
RT Czech Republic
BT Foreign languages+

Czech Republic
(1-OCT-1994)
RT Czech language
BT Czechoslovakia+

Czechoslovakia
BT Eastern Europe+
NT Czech Republic
Slovakia

Czochralski crystals
BT Crystals+

C-sets
use Groups(Mathematics)

D

D band
BT Ultrahigh frequency+

D region
BT Ionosphere+

Dacron
RT Terephthalic acid
BT Polyester fibers+

Daily occurrence
BT Time dependence+

Dairy equipment
BT Farms+

Dairy products
BT Food
NT Cheeses
Milk+

Damage
RT Damage tolerance
NT Ammunition damage
Bomb damage
Crazing
Damage assessment
Damage control+
Foreign object damage
Laser damage
Nuclear explosion damage
Radiation damage+
Torpedo damage

Damage assessment
BT Damage

Damage control
RT Risk management
BT Control
Damage
NT Warning systems+

Damage tolerance
(1-APR-1998)
RT Damage
BT Hardening

Damping
The suppression of motion in a vibrating or oscillating system, usually by conversion to heat.
RT Energy absorbers
Vibration isolators

Dams
RT Flood control
Irrigation systems
Locks(Waterways)
Spillways
NT Arch dams
Earth dams
Rockfill dams
Weirs

Daphnia
(1-MAY-1983)
A genus of minute freshwater branchiopod crustaceans having imperfect segmentation; very large biramous antennae that are the chief locomotor organs, and a transparent carapace enclosing the body.
BT Aquatic animals+
Arthropoda+

Dark adaptation
RT Night vision
BT Adaptation(Physiology)+

Dark trace tubes
BT Cathode ray tubes+

Darkness
RT Light
Optical properties
NT Night

Dashpots
BT Mechanical components+
Mechanical impedance+

Data acquisition
BT Acquisition
NT Observation

Data bases
BT Computer files+
NT Relational data bases

Data compression
BT Compression
NT Image compression

Data displays
BT Display systems

Data fusion
(1-OCT-1992)

Data links
RT Communications networks
Computer networks
Decommutators
BT Data transmission systems
Telecommunications+
NT Photographic data links

Data management
RT Records management
BT Data processing+
Management
NT Relational data bases

Data processing
RT Data processing equipment
Data processing security
Data transmission systems
Image processing
BT Information processing+
NT Associative processing
Data management+
Data reduction+
Data storage systems+
Distributed data processing
Input output processing+

Data processing equipment
RT Data processing
BT Processing equipment
NT Coders
Computers+
Data processing terminals
Decoders
Delineators
Input output devices+
Memory devices+
Offline systems
Online systems
Printers(Data processing)

Data processing security
RT Data processing
BT Electronic security+
NT Antivirus software
Computer access control
Computer viruses

Data processing terminals
BT Data processing equipment+
Input output devices+

Data processing terminals (cont.)
Terminals

Data rate
BT Rates

Data reduction
RT Preprocessing
BT Data processing+
NT Tabulation processes

Data storage systems
RT Memory devices
BT Computers+
Data processing+
NT Buffer storage
Core storage
Magnetic drums
Magnetic tape
Mass storage
Optical storage+
Word organized storage

Data transmission systems
RT Data processing
NT Data links+
Electronic mail
Packet switching

Dawn chorus
UF Chorus(Dawn phenomenon)
BT Atmospherics+

Day
RT Night
BT Daylight+

Daylight
BT Light+
NT Day
Sunlight
Twilight

DC(Current)
use Direct current

DC to DC converters
BT Converters

DCA
use Corticosteroid agents

DD(Vessels)
use Destroyers

DDT
BT Halogenated hydrocarbons+
Insecticides+

De Moivre distributions
use Statistical distributions

Deactivation
RT Activation
Inactivation

Deactivation (cont.)
NT Shutdowns+

Dead reckoning
BT Navigation

Dead time
BT Time intervals+

Deadweight
use Static loads

Deaeration
RT Aeration
BT Degasification+

Deafness
UFC Hearing aids
RT Hearing
BT Auditory defects
Pathology+

Death
RT Casualties
Euthanasia
Life span(Biology)
Stillbirths
BT Life(Biology)+
NT Mortality rate

Death rates
use Mortality rate

Debriefing

Debris
RT Wastes
NT Nuclear weapon debris
Spacecraft debris

Debugging(Computers)
BT Computer programming

Decaboranes
BT Boranes+

Decametric radiation
BT Extraterrestrial radio waves+

Decanes
BT Alkanes+

Decapoda
BT Cephalopoda+
Crustacea+
NT Lobster

Decay
RT Decomposition
Half life
NT Radioactive decay+

Decay(Radioactive)
use Radioactive decay

Decay schemes
Transformation schemes by which radioactive decay of a given isotope through a succession of energy levels approaches stable ground state.
BT Radioactive decay+

Deceleration
RT Braking
BT Acceleration+

Decentralization

Deception
BT Countermeasures+
NT Camouflage+
Concealment
Decoys+
Radar deception+
Radio deception

Decision aids
(1-JUN-1989)
Aids to decision making, usually computer based.
RT Decision support systems
BT Decision making

Decision making
RT Decision theory
Judgement(Psychology)
NT Decision aids

Decision support systems
(1-SEP-1990)
A computer-based system that enables management to interrogate the computer system on an ad hoc basis for various kinds of management/decision making information.
UF DSS
RT Decision aids
BT Management information systems+

Decision theory
RT Decision making
Game theory
BT Theory
NT Statistical decision theory

Deck markers
BT Deck safety equipment+

Deck safety equipment
BT Marine safety equipment+
Ship auxiliary equipment+
NT Deck markers

Decks
use Ship decks

Decoders
RT Coders
Decoding
BT Data processing equipment+

Decoding
RT Decoders
Demodulation
BT Coding+

Decommutators
RT Data links

Decomposition
Breakdown of chemicals into simpler constituents. For reversible molecular breakdown, see Dissociation. For impairment of physical properties of materials, etc., see Degradation.
RT Decay
BT Dissociation+
NT Explosive decomposition
Gas breakdown
Lysis+
Photodecomposition
Spinodal decomposition

Decompression
RT Compression
Decompression chambers
NT Explosive decompression
Sonic decompression

Decompression chambers
RT Decompression
BT Hyperbaric chambers+

Decompression sickness
UF Bends(Physiology)
RT Altitude sickness
BT Stress(Physiology)+

Decontamination
RT Contamination
Decontamination equipment
Decontamination materials
Purging
BT Pollution abatement

Decontamination equipment
RT Decontamination
NT Decontamination kits

Decontamination kits
BT Decontamination equipment
Kits

Decontamination materials
RT Decontamination
BT Materials

Decoupling

Decoupling(Interaction)
BT Interactions

Decoys
BT Deception+
NT Acoustic decoys
Infrared decoys
Radar decoys

Decreasing
use Reduction

Deep depth
BT Depth

Deep diving
BT Diving

Deep oceans
RT Abyssal zones
BT Deep water+
Oceans+

Deep scattering layers

Deep space
BT Space environments+

Deep submergence
BT Underwater+

Deep submergence rescue vehicles
BT Deep submergence vehicles+

Deep submergence vehicles
BT Underwater vehicles+
NT Deep submergence rescue vehicles

Deep water
BT Water+
NT Deep oceans

Deer
BT Mammals+

Defect analysis
BT Defects(Materials)

Defects(Materials)
NT Defect analysis
Inclusions

Defense in depth
(1-DEC-1984)
Protective measures in successive positions along axes of enemy advance, as opposed to a single line of resistance. Designed to absorb and progressively weaken enemy positions.
BT Defense planning+
Military tactics+
Tactical analysis

Defense industry
(1-OCT-1993)
Industry involved research, development and production of the offensive and defensive implements of war.
RT Defense systems
BT Industries
NT Munitions industry

Defense mechanisms(Psychology)
BT Psychology+

Defense planning
BT Planning
NT Defense in depth
Military planning+

Defense suppression
(1-SEP-1990)
Measures taken to actively neutralize, destroy or degrade an enemys defense system.
BT Military tactics+
Suppression

Defense systems
RT Defense industry
Early warning systems
Warning systems
NT Air defense+
Aircraft defense systems
Antisubmarine defense systems
Antiswimmer defense systems
Area defense
Civil defense
Countermeasures+
Guided missile defense systems
Harbor defense systems+
National defense
Optical defense systems
Passive defense+
Perimeters(Defense)
Point defense
Ship defense systems
Space defense+

Defibrillation
(1-SEP-1981)
The arrest of fibrillation of the cardiac atria or ventricles; blunt dissection of tissue fibers along the planes of cleavage.
RT Cardiac arrest
BT Therapy+

Deficiencies
UFC Protein starvation
RT Malnutrition

Deflagration
RT Fires
BT Combustion+

Deflection
RT Camber
Deflection coils

Deflection coils
RT Deflection
BT Magnet coils+

Deflectors
RT Baffles
Shielding
Spoilers
NT Flame deflectors

Defoliants
RT Defoliation
Herbicides
BT Chemical agents
NT Agent Orange

Defoliation
RT Defoliants

Deformable mirrors
(1-JUL-1999)
BT Mirrors+

Deformable projectiles
UF Skirted projectiles
UFC Projectile flanges
BT Projectiles+

Deformation
Change in shape of a body caused by stress.
RT Material forming
NT Plastic deformation

Degasification
RT Gettering
BT Separation
NT Deaeration
Deoxygenation
Outgassing
Vacuum degassing

Degaussing
UF Degaussing coils
BT Demagnetization

Degaussing coils
use Degaussing

Degeneration(Biology)
use Aging(Physiology)

Degradation
Impairment of some physical property, especially of materials or organisms. For breakdown of chemicals into distinct parts, see Decomposition.
RT Aging(Materials)
Failure(Mechanics)
NT Biodegradation

Degradation (cont.)
Chemical attack(Degradation)+
Corrosion+
Deterioration+
Photodegradation
Thermal degradation

Degrees of freedom
RT Factor analysis
BT Coordinates
Motion

Dehumidifiers
RT Humidity
BT Separators

Dehydrated foods
UF Dry food mixes
UFC Beverage powders
Dry milk
Powdered eggs
RT Dehydration
BT Concentrated foods+
NT Freeze dried foods

Dehydrating agents
use Desiccants

Dehydration
RT Dehydrated foods
Desiccants
Hydration
BT Dewatering+

Dehydrogenases
BT Enzymes
NT Lactic dehydrogenase
Phosphate dehydrogenase
Phosphogluconate dehydrogenase

Dehydrogenation
RT Hydrogenation
BT Chemical reactions+
NT Hydroforming(Chemical)

Deicing materials
UF De-icing materials
RT Deicing systems
BT Materials

Deicing systems
Equipment that prevents the formation of ice on aircraft in flight. For the prevention of ice formation on other surfaces, see Ice prevention.
UF De-icing systems
UFC Electrical de-icing
RT Deicing materials
Ice prevention

Deionization
RT Ionization
BT Separation

Delamination
(1-JUN-1989)
Usually a deteriorative process involving splitting or separation into constituent layers, or along a plane of lamination.
RT Laminates
BT Separation

Delaval nozzles
use Laval nozzles

Delaware
BT United States+

Delaware Bay
BT Bays+

Delaware River
(1-SEP-1981)
A river in the northeastern United States that originates in the Catskill Mountains of New York and flows to the Delaware Bay on the Atlantic Ocean.
BT Rivers+

Delay
RT Stopping
BT Time intervals+

Delay circuits
Circuits in which the output signal is delayed by a specified time interval with respect to the input signal.
BT Circuits+

Delay elements(Explosive)
UF Delay mixtures
Delay powders
BT Explosive trains+

Delay lines
UFC Solid delay lines
RT Shift registers
NT Acoustic delay lines

Delay mixtures
use Delay elements(Explosive)

Delay powders
use Delay elements(Explosive)

Delbruck scattering
Elastic nuclear potential scattering of gamma rays owing to the formation of a virtual electron-positron pair in the nuclear potential field.
BT Elastic scattering+
Gamma ray scattering+

Delcosine
use Alkaloids

Delineators
BT Data processing equipment+

Delinquency
BT Criminology+
NT Theft+

Delivery
NT Aerial delivery+
Carrier onboard delivery
Weapon delivery+

Delphi techniques
BT Forecasting

Delrin
BT Acetal resins+

Delta functions
(1-OCT-1995)
BT Special functions(Mathematics)+

Delta modulation
RT Pulse communications
BT Pulse modulation+

Delta wings
UF Triangular wings
BT Swept wings+
NT Conical wings

Deltas
RT Alluvium
BT Landforms+
NT Mekong Delta

Demagnetization
NT Degaussing

Demand(Economics)
(1-SEP-1981)
The quantities of goods or of a service that would be purchased at each of various possible prices at a given time.
RT Consumption
BT Economics

Demilitarization
RT Demilitarized zones
Supercritical water oxidation
BT Operations other than war+

Demilitarized zones
RT Demilitarization
BT Geographic areas

Demineralization
RT Demineralizers
BT Separation
NT Water softeners

Demineralizers
RT Demineralization
BT Separators
NT Water softeners

Democracy
BT Political science+
NT United States government+

Demodulation
RT Decoding
Demodulators
Heterodyning
Intermodulation
Modulation

Demodulator tubes
use Demodulators

Demodulators
UF Demodulator tubes
Detectors(Demodulators)
RT Demodulation
Modulators
NT Crystal detectors
Discriminators+
Modems

Demography
RT Census
BT Population+

Demolition
RT Construction
Demolition charges
Explosion effects
NT Underwater demolition

Demolition charges
RT Demolition
Destructors
BT Explosive charges+

Demonstrations

Dendritic structure
BT Structures

Dengue
RT Dengue virus
BT Mosquito borne diseases+
Tropical diseases+
Virus diseases+

Dengue virus
(1-JUN-1989)
The etiologic agent of dengue, existing as two immunological types.
RT Dengue
BT Group B arboviruses+

Denitration
use Nitration

Denjoy conjecture
use Measure theory

Denmark
BT European communities+
Western Europe+
NT Faroe Islands

Dense gases
BT Gases+

Densification(Soils)
use Soil compaction

Densimeters
UF Density sensitive indicators
Hydrometers
Pycnometers
RT Density
BT Measuring instruments+

Densitometers
RT Density
Pyranometers
BT Measuring instruments+

Density
RT Densimeters
Densitometers
Specific volume
BT Physical properties
NT Apparent density
Atmospheric density
Electron density
High density
Ion density
Low density
Packing density
Specific gravity

Density functional theory
(1-OCT-1999)
BT Adsorption+
Quantum chemistry+

Density sensitive indicators
use Densimeters

Dental anesthesia
use all Anesthesia
Dentistry

Dental calculi
use all Calculi
Teeth

Dental caries
BT Oral diseases+

Dental enamel
BT Teeth+

Dental equipment
BT Medical equipment

Dental implantology
BT Dental surgery+

Dental overbite
use Dentistry

Dental personnel
UF Dental technicians
BT Medical personnel+
NT Dentists

Dental plaque
BT Teeth+

Dental prostheses
BT Prosthetics+

Dental pulp
BT Teeth+

Dental research
use all Dentistry
Medical research

Dental ridge
BT Mouth+

Dental surgery
RT Root canal
BT Dentistry+
Surgery+
NT Dental implantology

Dental technicians
use Dental personnel

Dentin
BT Teeth+

Dentistry
UF Dental overbite
UFC Dental anesthesia
Dental research
RT Dentists
Teeth
BT Medicine+
NT Dental surgery+
Orthodontics
Preventive dentistry

Dentists
RT Dentistry
BT Dental personnel+

Deodorants
use Toilet articles

Deoxidation(Metallurgy)
BT Metallurgy+

Deoxycorticosterone
use Corticosteroid agents

Deoxyephedrine
use Amphetamines

Deoxygenation
BT Degasification+

Deoxyribonucleic acids
RT Genes
Nucleotidyl transferases
BT Ribonucleic acids+

Department of Defense
BT United States government+

Depleted uranium
BT Uranium+

Depletion
BT Reduction

Deployment
RT Logistics
BT Military tactics+
NT Rapid deployment

Depolarization
RT Polarization
BT Polarity

Depolymerization
RT Polymerization
BT Dissociation+

Deposition
RT Coatings
Deposits
Electroplating
Sputtering
NT Electrodeposition+
Vacuum deposition
Vapor deposition+

Deposits
RT Deposition
Fouling
Sediments
Sludge
NT Combustion deposits+
Glacial deposits

Depressed trajectories
(1-DEC-1984)
The flight path of a ballistic missile fired at an angle to the ground significantly lower than standard launches.
BT Ballistic trajectories+

Depression angles
BT Angles

Deprivation
BT Stress(Physiology)+
NT Food deprivation
Sensory deprivation

Deprivation (cont.)
Sleep deprivation+
Social deprivation
Water privation

Depth
NT Deep depth
Depth control
Shallow depth

Depth and roll recorders
BT Recording systems

Depth bombs
UF Plunge bombs
UFC Antisubmarine bombs
BT Antisubmarine ammunition+
Antisubmarine weapons+
Bombs+
Underwater ordnance+

Depth charge boosters
use all Boosters(Explosives)
Depth charge components

Depth charge components
The various components of depth charges when considered as separate entities.
UFC Depth charge boosters
Depth charge pistols
BT Ammunition components+
Depth charges+

Depth charge markers
use all Depth charges
Markers

Depth charge pistols
use all Arming devices
Depth charge components

Depth charge projectors
use all Antisubmarine weapon projectors
Depth charges

Depth charges
UFC Depth charge markers
Depth charge projectors
Photoflash depth charges
BT Antisubmarine ammunition+
Antisubmarine weapons+
Explosive charges+
Underwater ordnance+
NT Depth charge components

Depth control
RT Depth indicators
BT Control
Control systems
Depth

Depth finders
RT Depth finding
BT Measuring instruments+

Depth finding
RT Depth finders
BT Position finding+

Depth gages
use Depth indicators

Depth indicators
UF Depth gages
Depthometers
Fathometers
RT Depth control
BT Indicators
NT Draft indicators(Nautical)

Depthkeeping
BT Stationkeeping

Depthometers
use Depth indicators

Derailment
BT Accidents

Derivatives(Mathematics)
BT Mathematics

Derived proteins
use Proteins(Derived)

Dermatitis
RT Skin(Anatomy)
BT Allergic diseases+
Skin diseases+
NT Acne
Eczema

Dermatology
RT Skin(Anatomy)
BT Clinical medicine+

Dermatophytosis
BT Fungus diseases+

Desalination
RT Reverse osmosis
Water treatment
BT Purification
Separation

Desargue's theorem
use all Projective geometry
Theorems

Descent
RT Approach
NT Parachute descents

Descent trajectories
RT Atmosphere entry
BT Trajectories+
NT Air to surface
Air to underwater

Desensitizing
BT Sensitizing

Desert tests
Tests conducted in deserts or desert-like environments to determine the effects of low humidity, high temperature, dust, sand, etc., on ordnance items, materials, personnel, etc.
BT Environmental tests+

Desertion

Deserts
BT Arid land+
Landforms+

Desiccants
UF Dehydrating agents
Drying agents
RT Absorbers(Materials)
Dehydration

Design criteria
(1-OCT-1992)
A standard for basing decisions to predict and solve anticipated practical problems at the engineering stage.
RT Management engineering
BT Standards

Design of experiments
use Experimental design

Design to cost
RT Management engineering
BT Costs+

Designs(Mathematics)
use Combinatorial analysis

Desktop publishing
use Electronic publishing

Desmolases
use Carbon carbon lyases

Desorption
RT Outgassing
Sorption
BT Separation

Desoxycorticosterone
use Corticosteroid agents

Desoxyephedrine
use Amphetamines

Desserts
BT Food

Destroyer escorts
BT Escort ships+

Destroyer radar pickets
use all Destroyers
Picket ships

Destroyers
UF DD(Vessels)
UFC Destroyer radar pickets
BT Naval vessels(Combatant)+

Destruction
RT Casualties
Destructors
NT Assured destruction

Destructive tests
BT Test methods+

Destructors
RT Demolition charges
Destruction
BT Explosive charges+

Desulfovibrio
use Spirillaceae

Desulfurization
BT Chemical reactions+

Detection
RT Detectors
NT Acoustic detection+
Aircraft detection
Biological detection
Bistatic detection
Change detection
Chemical detection
Explosives detection+
Guided missile detection
Intrusion detection
Magnetic detection+
Mine detection
Optical detection+
Over the horizon detection
Personnel detection
Remote detection
Submarine detection
Target acquisition
Target detection
Target discrimination
Target recognition
Torpedo detection
Ultraviolet detection
Wake detection

Detectors
UF Sensors
RT Analyzers
Detection
Locators
Warning systems
NT Acoustic detectors+
Biological agent detectors
Chemical agent detectors+
Fire detectors
Gas detectors+
Intrusion detectors+
Lie detectors
Magnetic detectors
Metal detectors
Microsensors
Mosaics(Detectors)
Multisensors
Optical detectors+
Ordnance locators+
Personnel detectors
Phase detectors
Remote detectors
Side looking detectors+
Solions
Toxic agent alarms
Underwater object locators
Wake detectors

Detectors(Demodulators)
use Demodulators

Detente
RT Disarmament
BT East West relations+

Detents
BT Locking fastener devices+

Detergents
BT Cleaning compounds

Deterioration
RT Atrophy
BT Degradation
NT Biodeterioration+
Food deterioration
Tropical deterioration

Determinants(Mathematics)
UF Permanents
BT Algebra+

Determination
NT Geologic age determination

Determination(Chemical)
use Chemical analysis

Deterrence
RT Electric fences
BT Strategy

Detonating cord
UF Cordtex
Explosive cables
Line charges(Flexible)
Primacord
BT Explosive charges+

Detonating fuzes
use Fuzes(Ordnance)

Detonation waves
Mechanical waves that precede the advancing reaction zone in a detonating material. For studies of the waves produced in materials or other than those reacting, see Shock waves.
BT Elastic waves+

Detonations
Chemical reactions in materials that produce vigorous evolution of heat and sparks or flame and move through the materials at a speed greater than that of sound. For studies of the energy released by detonations and the effects thereof, see Explosions.
RT Detonators
BT Explosions
NT Sympathetic detonations

Detonators
UF Blasting caps
RT Detonations
Sodium azides
BT Explosives initiators+
NT Electric detonators

Detoxification
RT Toxicity
BT Therapy+

Detuning
RT Tuning

Deuterium
RT Deuterium compounds
Deuterons
BT Hydrogen+
Odd odd nuclei+
Stable isotopes+

Deuterium compounds
RT Deuterium
BT Hydrogen compounds+
NT Heavy water+

Deuterium ion concentration
BT Cations+
Concentration(Composition)+

Deuterium oxide
use Heavy water

Deuteromycetes(Imperfect fungi)
BT Fungi+
NT Blastomyces
Candida
Cryptococcus
Fusarium
Helminthosporium

Deuteromycetes(Imperfect fungi) (cont.)
Histoplasma
Piricularia

Deuteron beams
RT Deuterons
BT Particle beams+

Deuteron bombardment
BT Irradiation+
Particle accelerator techniques+

Deuteron capture
BT Deuteron reactions+

Deuteron cross sections
BT Nuclear cross sections+

Deuteron reactions
RT Deuterons
BT Nuclear reactions
NT Deuteron capture

Deuterons
RT Deuterium
Deuteron beams
Deuteron reactions
BT Charged particles
Nuclear particles

Developing nations
BT Nations

Developmental psychology
(1-DEC-1984)
That branch of psychology that deals with changes in behavior occuring with changes in age.
RT Behavioral sciences
BT Psychology+

Dew
BT Atmospheric condensation+
NT Frost

Dew point
BT Humidity+

Dewar flasks
BT Flasks+

Dewatering
(1-OCT-1995)
RT Drying
Water reclamation
BT Separation
NT Dehydration

Dextran
BT Polysaccharides+

Dextransucrase
BT Enzymes

Dextrins
UF Starch gum
BT Polysaccharides+

Dextroamphetamine sulfate
use Amphetamines

De-icing materials
use Deicing materials

De-icing systems
use Deicing systems

Diabetes
UF Diabetes insipidus
Diabetes mellitus
Hemochromatosis
RT Carbohydrate metabolism
Insulin
BT Metabolic diseases+

Diabetes insipidus
use Diabetes

Diabetes mellitus
use Diabetes

Diagnosis(General)
RT Diagnostic equipment
NT Computer aided diagnosis
Diagnosis(Medicine)+
Plasma diagnostics

Diagnosis(Medicine)
Identification of a disease from its signs or symptoms. For determination of general state of health, etc., see Medical examination.
RT Electrocardiography
Electroencephalography
Medical computer applications
BT Clinical medicine+
Diagnosis(General)
NT Acupuncture
Amniocentesis
Biopsy
Immunoassay+
Laser medical diagnosis
Liver function tests
Lung function tests+
Magnetic resonance imaging
Positron emission tomography
Serodiagnosis
Signs and symptoms+
X ray diagnostics+

Diagnostic agents
BT Drugs
NT Contrast media(Medicine)

Diagnostic equipment
RT Diagnosis(General)

Diagrams
RT Charts
Visual aids
BT Documents
NT Phase diagrams
Schematic diagrams
Wiring diagrams

Dialects
RT Foreign languages
BT Speech analysis+

Dialysis
BT Separation
NT Electrodialysis

Diamagnetic properties
use Magnetic properties

Diamagnetism
RT Curie temperature
BT Magnetic properties+

Diameters
BT Sizes(Dimensions)+

Diamine oxidase
UF Histaminase
BT Oxidoreductases+

Diamond films
(1-JUL-1998)
BT Diamonds+
Films

Diamond wheels
BT Grinding wheels+

Diamonds
UF Industrial diamonds
BT Carbon+
Gems(Minerals)+
NT Diamond films

Diapause
RT Life cycles
BT Dormancy

Diaphragms(Anatomy)
BT Respiratory system+

Diaphragms(Mechanics)
BT Mechanical components+

Diarrhea
RT Gastrointestinal diseases
BT Signs and symptoms+

Diastases
use Glycoside hydrolases

Diathermy
(1-NOV-1980)
Local elevation of temperature in tissues produced by a special form

Diathermy (cont.)
of high frequency current for therapeutic purposes.
RT Electrotherapy
BT Therapy+

Diatomaceous earth
(1-NOV-1980)
A yellow, white, or light gray, siliceous, porous deposit made of the opaline shells of diatoms. Used as a filter aid, paint filler, absorbent, abrasive, and thermal insulator.

Diatomic molecules
BT Molecules

Diatoms
(1-JAN-1998)
BT Algae+

Diazepam
(1-NOV-1980)
A skeletal muscle relaxant, sedative and tranquilizer.
UF Valium
BT Skeletal muscle relaxants+
Tranquilizers+

Diazinon
(1-MAY-1983)
A light amber to dark brown liquid with a boiling point of 83-84 degrees C; used as an insecticide for soil and household pests; as an insecticide and nematicide for fruits and vegetables.
BT Esters+
Insecticides+
Nitrogen heterocyclic compounds+

Diazo compounds
BT Organic nitrogen compounds+
NT Hydrazoic acid

Diazomide
use Hydrazoic acid

Dibasic organic acids
BT Organic acids+
NT Sebacic acid

Diboranes
BT Boranes+

Dichlorodifluoromethane
BT Fluorinated hydrocarbons+

Dichroism
RT Photoelasticity
BT Light transmission+
Pleochroism+

Dictionaries
UF Glossaries
RT Word lists
Words(Language)
BT Documents

Die casting
BT Casting+

Diego Garcia
(1-OCT-1991)
Isolated island in the Indian Ocean.
BT Indian Ocean Islands+

Dieldrin
BT Halogenated hydrocarbons+
Insecticides+

Dielectric amplifiers
BT Amplifiers
Dielectrics

Dielectric films
BT Dielectrics
Films

Dielectric materials
use Dielectrics

Dielectric properties
BT Dielectrics
Electrical properties+
NT Dielectric strength

Dielectric recording systems
BT Dielectrics
Electronic recording systems+

Dielectric strength
BT Dielectric properties+

Dielectric waveguides
BT Dielectrics
Waveguides+

Dielectrics
UF Dielectric materials
NT Dielectric amplifiers
Dielectric films
Dielectric properties+
Dielectric recording systems
Dielectric waveguides
Electrets

Diels-Alder reactions
use Diene synthesis

Diene synthesis
UF Diels-Alder reactions
RT Dienes
BT Synthesis(Chemistry)+

Dienes
RT Diene synthesis
BT Alkenes+
NT Butadienes+
Pentadienes+

Dies
BT Cutting tools+

Diesel engines
BT Compression ignition engines+
Reciprocating engines+

Diesel fuels
RT Cetane number
BT Fuels
Petroleum products+

Diet
UF Dietetics
RT Dieticians
Food deprivation
Weight reduction
NT Nutrient analysis

Dietetics
use Diet

Dieticians
RT Diet
BT Food service personnel+

Difference equations
RT Differential equations
BT Finite difference theory+

Difference frequency
BT Frequency

Differential analyzers
BT Analyzers
NT Digital differential analyzers

Differential cross sections
BT Scattering cross sections+

Differential equations
UF Beam equations
Coefficient determination
Gradient equation
Hill's equation
Limit cycles
Pendulum type equations
Picard's method
UFC Picard's theorem
RT Difference equations
BT Equations+
Mathematical analysis+
Real variables+
NT Boundary value problems+
Eigenvalues
Linear differential equations+
Nonlinear differential equations+
Partial differential equations+

Differential games
use Game theory

Differential geometry
UF Conservation laws(Mathematics)
Exterior differential systems
BT Geometry+
NT Curvature
Geodesics
Lie groups
Spinors

Differential pulse code modulation
BT Pulse code modulation+

Differential scanning calorimetry
(1-JUL-00)
BT Calorimetry+

Differential thermal analysis
BT Thermal analysis+

Differential topology
BT Topology+

Differentials(Mechanical)
BT Vehicle chassis components+

Differentiating circuits
BT Circuits+

Diffraction
RT Diffractometers
Distortion
Reflection
Refraction
Scattering
NT Diffraction analysis
Electron diffraction
Neutron diffraction
Spectra+
Wavefronts
X ray diffraction

Diffraction analysis
BT Diffraction
Optical analysis

Diffraction gratings
use Gratings(Spectra)

Diffractometers
RT Diffraction
BT Measuring instruments+

Diffuse reflection
BT Reflection

Diffusers
RT Diffusion
NT Exhaust diffusers
Hypersonic diffusers
Subsonic diffusers
Supersonic diffusers

Diffusion
RT Diffusers
Diffusivity
NT Gaseous diffusion separation
Osmosis+
Perfusion
Thermal diffusion+
Turbulent diffusion

Diffusion bonding
BT Bonding+

Diffusion coating
BT Coatings
NT Chromizing

Diffusion coatings
BT Coatings

Diffusion coefficient
BT Coefficients
Transport properties+

Diffusion pumps
BT Vacuum pumps+

Diffusion theory

Diffusivity
RT Diffusion
BT Physical properties

Digestion(Biology)
RT Digestive system
Gastric juice
Malabsorption syndromes
BT Physiology
NT Metabolites

Digestive system
RT Digestion(Biology)
Gastrointestinal diseases
BT Anatomy+
NT Esophagus
Gastrointestinal system+
Mouth+
Throat+

Digging
use Excavation

Digital cameras
(1-APR-1998)
BT Cameras+

Digital combiners
BT Digital systems
Shift registers+

Digital communications
(1-SEP-1981)
A system of telecommunications employing a nominally discontinuous signal that changes in frequency, amplitude, or polarity.
BT Telecommunications+

Digital computers
BT Computers+
Digital systems
NT Digital differential analyzers

Digital differential analyzers
BT Differential analyzers+
Digital computers+

Digital filters
BT Digital systems
Electric filters+

Digital maps
BT Digital systems
Maps

Digital photography
(1-APR-1998)
BT Photography

Digital recording systems
BT Digital systems
Recording systems

Digital simulation
BT Computerized simulation+

Digital systems
RT Analog systems
NT Byte functional modules
Digital combiners
Digital computers+
Digital filters
Digital maps
Digital recording systems

Digital to analog converters
BT Converters
Input output devices+

Digitalis
BT Cardiac glycosides+

Digitizers
use Analog to digital converters

Digitoxin
BT Cardiac glycosides+
Drugs

Dihedral angle
BT Angles

Dikes
RT Flood control
BT Embankments+

Dilatometers
BT Measuring instruments+

Diluents
RT Solvents
NT Paint thinners

Dilution
RT Dissolving
Solvents
BT Concentration(Composition)+

Dimers
BT Polymers+

Dimethyl hydrazine(1-1)
use Dimethylhydrazines

Dimethylcyclohexene
BT Cyclohexenes+

Dimethylhydrazines
(1-SEP-1981)
A flammable, highly toxic, colorless liquid used as a stabilizer for organic peroxide fuel additives.
UF Dimethyl hydrazine(1-1)
BT Methyl hydrazines+

Dining
RT Dining halls

Dining halls
RT Dining
BT Buildings+

Dinoflagellata
BT Algae+
Protozoa+
NT Pfiesteria

Diode lasers
(1-OCT-1995)
UF Laser diodes
BT Semiconductor lasers+

Diode transistor logic
BT Logic circuits+

Diodes
BT Electronic equipment
NT Diodes(Electron tubes)
Mesa diodes
Semiconductor diodes+

Diodes(Electron tubes)
UF Double diodes
UFC Cold cathode diodes
BT Diodes+
Electron tubes+

Dioxanes
BT Oxygen heterocyclic compounds+

Dioxides
BT Oxides+
NT Carbon dioxide

Dioxides (cont.)
Lead dioxide
Nitrogen dioxide
Silicon dioxide+
Thorium dioxide
Titanium dioxide+

Dioxins
(1-NOV-1980)
Heterocyclic hydrocarbons.
BT Oxygen heterocyclic compounds+

Dip coating
BT Coatings

Diphenylhydantoin
use Hydantoins

Diplexers
BT Transmit receive tubes+

Diplococcus
BT Lactobacillaceae+
NT Diplococcus pneumoniae

Diplococcus pneumoniae
UF Pneumococcus
RT Pneumonia
BT Diplococcus+

Diploid cells
BT Cells(Biology)+

Diplomats
BT Foreign service officers+

Dipodomys
use Rodents

Dipolar ions
(1-OCT-1997)
Molecular ions having both positive and negative components.
UF Zwitterions
BT Molecular ions+

Dipole antennas
RT Dipoles
Yagi antennas
BT Antennas

Dipole moments
UFC Nuclear electric dipole moments
Nuclear magnetic dipole moments
BT Moments

Dipoles
RT Dipole antennas
NT Magnetic dipoles

Diptera
UF Blowflies
Gnats
Midges

Diptera (cont.)
Phormia
Tabanidae
RT Gnathostomiasis
BT Insects+
NT Culicidae+
Culicoides
Drosophilidae+
Muscidae+

Dirac delta functions
use Special functions(Mathematics)

Direct current
UF DC(Current)
BT Electric current+

Direct waves(Radio waves)
(1-SEP-1981)
A radio wave that is propagated directly through space from transmitter to receiver without being refracted by the ionosphere.
BT Radio waves+

Directed energy weapons
(1-DEC-1984)
Nonnuclear weapon systems utilizing high energy or particle beams.
BT Radiation weapons+
NT Laser weapons
Particle beam weapons

Direction finding
The determination of the direction from which a signal originates. Also the relative position of, or direction taken by, an aircraft, bomb, etc., with respect to a point and line of reference in a horizontal plane.
UFC Bearing finding
Meteorological direction finders
Underwater direction finders
RT Bearing(Direction)
Orientation(Direction)
BT Position finding+
NT Direction finding stations
Radio direction finders

Direction finding stations
BT Direction finding+
Stations+

Directional
BT Orientation(Direction)
NT Omnidirectional

Directional antennas
BT Antennas
NT Backfire antennas
Helical antennas
Loop antennas
Nutating antennas

Directional antennas (cont.)
Parabolic antennas
Radar antennas
Slot antennas
Steerable antennas
Yagi antennas

Directives
(1-OCT-1993)
BT Military publications+

Directories
BT Documents
NT Indexes

Dirichlet integral
BT Integrals+

Dirigibles
use Airships

Dirt
RT Dust
Impurities
BT Soils

Disaccharides
UF Isomaltose
BT Sugars+
NT Lactose
Sucrose
Trehalose

Disarmament
RT Detente
BT Arms control+
Political science+

Disassembly
RT Assembly

Disasters
RT Civil defense
BT Emergencies
NT Natural disasters

Disbursements
(1-APR-1998)
RT Money
BT Payment+

Discharge lamps
BT Lamps+
NT Arc lamps+
Flash lamps+
Krypton lamps
Mercury lamps
Thallium lamps
Xenon lamps

Discharge tubes
BT Electron tubes+
NT Ignitrons
Neon tubes
Thyratrons

Discharge tubes (cont.)
Transmit receive tubes+

Discharges(Electrical)
use Electric discharges

Discoloration
UFC Browning reaction

Discomycetes
BT Fungi+
NT Sclerotinia

Discone antennas
BT Conical antennas+

Disconnect fittings
BT Fittings+

Discontinuities
RT Continuity
BT Separation

Discrete address beacon systems

Discrete distribution
BT Distribution

Discrete Fourier transforms
BT Fourier transformation+

Discrete harmonic functions
use Functions(Mathematics)

Discriminants
use Algebra

Discriminate analysis
BT Statistical analysis+

Discrimination
RT Acuity
NT Bias
Gender discrimination
Pitch discrimination
Racial discrimination
Target discrimination

Discriminators
Devices in which the magnitude and polarity of the output voltage depend on the difference between the input signal and either a standard or another signal.
BT Demodulators
NT Pulse discriminators

Disease carriers
use Disease vectors

Disease vectors
UF Carriers(Disease)
Disease carriers
Vectors(Epidemiology)
RT Pathogenic materials

Disease vectors (cont.)
BT Etiology+

Diseases
Use of a more specific term is recommended.
UFC Cerebrovascular disease
Gas gangrene
Glanders
Gynecomastia
Hyperthyroidism
Hypothyroidism
Otitis
Pneumoconiosec
Spotted fever
RT Etiology
Pathogenic microorganisms
NT Allergic diseases+
Animal diseases+
Arthropod borne diseases+
Autoimmune diseases
Blood diseases+
Enzootic
Epizootic
Eye diseases+
Fibrosis
Gastrointestinal diseases+
Genetic diseases+
Genital diseases
Illness+
Infectious diseases+
Integumentary diseases+
Kidney diseases+
Liver diseases+
Lymphocytosis
Metabolic diseases+
Musculoskeletal diseases+
Neoplasms+
Nervous system diseases+
Occupational diseases
Oral diseases+
Pancreatic diseases+
Radiation sickness
Respiratory diseases+
Toxic diseases+
Tropical diseases+
Vascular diseases+
Zoonotic diseases

Dishwashers
use Kitchen equipment and supplies

Dishwashing compounds
BT Cleaning compounds

Disinfection
RT Sterilization
BT Hygiene
Therapy+

Disintegration
BT Failure(Mechanics)+

Disk brakes
BT Brakes

Disk recording systems
BT Electronic recording systems+

Disks
BT Convex bodies+
Geometric forms

Dislocations
RT Displacement

Dispensaries
BT Health care facilities

Dispensers
RT Ejectors
Sprayers
NT Chaff dispensers

Dispersants

Dispersing
RT Dispersions
Scattering
BT Separation

Dispersion hardening
UF Precipitation hardening
BT Hardening

Dispersion relations
BT Spatial distribution+

Dispersions
RT Dispersing
NT Colloids+
Emulsions+
Fog+
Smog
Smoke+

Displacement
RT Dislocations

Displacement reactions
BT Substitution reactions+

Display systems
UFC Radar display systems
RT Cathode ray tube screens
Consoles
NT Alphanumeric displays
Calligraphic displays
Color displays+
Computer graphics
Data displays
Flat panel displays
Group displays
Head up displays
Helmet mounted displays
Liquid crystal display systems
Matrix displays
Moving target indicators

Display systems (cont.)
Plan position indicators
Screens(Displays)+
Stereoscopic display systems
Target position indicators
Television display systems
Viewers

Disposable equipment
RT Replacement

Disposal
RT Removal
NT Explosive ordnance disposal
Garbage disposal
Waste disposal+

Disproportionation
BT Oxidation reduction reactions+

Dissection
RT Autopsy
Pathology
BT Cutting

Dissertations
use Theses

Dissipation
RT Dissipation factor

Dissipation factor
RT Dissipation
BT Electrical properties+

Dissociation
RT Ionization
BT Chemical reactions+
NT Decomposition+
Depolymerization
Photodissociation

Dissolving
RT Dilution
Solvents
BT Mixing

Distance learning
(1-OCT-1999)
UF Electronic classroom
BT Computer aided instruction+

Distance measuring equipment
Radio navigational aids that provide distance information by measurement of round-trip transmission time between interrogator and transponder.
UF DME
BT Measuring instruments+
NT Odometers

Distillates
RT Distillation
NT Distilled water

Distillation
RT Distillates
Distilling plants
BT Separation
NT Fractionation
Vacuum distillation

Distilled water
BT Distillates
Water+

Distilling plants
RT Distillation
BT Industrial plants

Distortion
RT Abnormalities
Diffraction
Eccentricity
NT Phase distortion

Distress signals
RT Flares
Rescue beacons
BT Signals

Distributed amplifiers
BT Amplifiers

Distributed data processing
(1-SEP-1981)
Decentralized data processing using multiple processors.
BT Data processing+

Distributed interactive simulation
(1-OCT-1995)
BT Computerized simulation+
NT Collaborative virtual prototyping

Distribution
RT Allocations
NT Age distribution
Bernoulli distribution
Discrete distribution
Electric power distribution+
Geographic distribution
Load distribution
Pressure distribution
Spatial distribution+
Spectral energy distribution

Distribution(Economics)
BT Economics

Distribution curves
BT Distribution functions+
Graphs

Distribution free tests
use Statistical tests

Distribution functions
BT Statistical functions+
NT Distribution curves

Distribution functions (cont.)
Normal distribution
Probability distribution functions

Distribution theory
UF Schwartz's theory
BT Statistical analysis+
Theory

Distributors
Ignition distributors for internal combustion engines.
BT Engine components+

District of Columbia
BT United States+

Ditches
RT Trenches
BT Excavation
Troughs

Ditching
BT Abandonment
Crash landings+

Dithiins

Dithizone
BT Chemical agents

Diuresis
RT Body fluids
Edema
BT Therapy+
Urinary system+

Diuretics
BT Drugs

Diurnal variations
BT Periodic variations+
NT Circadian rhythms

Dive bombing
BT Bombing+

Diver equipment
RT Divers
BT Underwater equipment
NT Diving suits

Divergent integrals
use Integrals

Divers
RT Diver equipment
Diving
BT Personnel
NT Scuba divers

Diversity radar
Radar that uses two or more transmitters and receivers, each pair operating at a slightly different frequency, but sharing a common antenna and video display.
UF Frequency diversity radar
BT Radar

Diversity reception
Radio reception in which the effects of fading are minimized by combining two or more sources of signal energy carrying the same modulation.
BT Radio reception+

Divided differences
use Numerical analysis

Diving
RT Divers
NT Deep diving
Saturation diving
Scuba diving

Diving suits
BT Diver equipment+
Underwater clothing+

Division
BT Arithmetic+

Division level organizations
BT Corps level organizations+
NT Brigade level organizations+

DME
use Distance measuring equipment

DNT
BT Explosives
Nitrotoluenes+

Docking
RT Docks
Joining
NT Spacecraft docking

Docks
RT Docking
BT Harbors
NT Floating docks

Docks(Piers)
use Piers

Docks(Vessels)
use Floating docks

Doctors
use Physicians

Doctrine
RT Education
NT Military doctrine

Documents
UF Publications
NT Abstracts
Bibliographies+
Biographies
Books+
Catalogs
Classified materials
Computer program documentation
Diagrams+
Dictionaries
Directories+
Encyclopedias
Engineering drawings+
Hard copy
Instructions
Literature surveys
Manuals+
Military publications+
Newspapers
Patent applications
Patents+
Periodicals+
Pictures
Records+
Reports+
Reprints
Scientific literature
Thesauri
Translations

Dodecane
BT Alkanes+

Doeblin's theory
use Probability

Dogs
BT Carnivora+
NT Military dogs

Dollies
RT Carriages
BT Materials handling vehicles+

Dolomite
BT Carbonate minerals+

Dolphins(Mammals)
BT Cetacea+

Dolphins(Structures)
(1-JUN-1989)
Clusters of pile structures.
BT Pile structures+

Domain walls
BT Magnetic domains+

Domes(Structural forms)
RT Hemispherical shells
BT Shells(Structural forms)+
NT Guided missile domes
Infrared domes
Radomes+

Domes(Structural forms) (cont.)
Sonar domes

Domestic

Domestic animals
BT Animals
NT Livestock+

Domestic terrorism
(1-JUL-1999)
Apply to political terrorism, and its activities, occurring within the United States.
BT Terrorism+

Domestic violence
(1-OCT-1996)
UF Child abuse
Spousal abuse
BT Criminology+
Interpersonal relations+

Dominance models
BT Models

Dominican Republic
BT West Indies+

Donkeys
use Equines

Donors(Medicine)
BT Personnel
NT Blood donors

Doors
UF Exits(Doors)
RT Exits
Openings
NT Aircraft doors+
Watertight doors

Dopamine
BT Catecholamines+

Doping
UF Doping(Crystallography)
Doping(Semiconductors)

Doping(Crystallography)
use Doping

Doping(Semiconductors)
use Doping

Doppler effect
BT Frequency shift+

Doppler navigation
BT Navigation

Doppler position finding
use all Doppler systems
Position finding

Doppler radar
BT Doppler systems
Radar

Doppler sonar
BT Doppler systems
Sonar

Doppler systems
UFC Doppler position finding
Doppler tracking systems
NT Doppler radar
Doppler sonar
Radio doppler chronographs

Doppler tracking systems
use all Doppler systems
Tracking

Dormancy
NT Diapause
Hibernation

Dosage
The amount of therapeutic or toxic agent to which an organism is exposed. For exposure to nuclear radiation, see Radiological dosage.
RT Dose rate
Dosimeters
Pharmacology
NT Lethal dosage
Oral dosage
Radiation dosage+
Sublethal dosage+

Dose rate
Radiological dosage delivered per unit time.
RT Dosage
Dosimeters
BT Radiation dosage+
Rates

Dosimeters
Instruments that measure radiological dosage.
RT Dosage
Dose rate
Dosimetry
Geiger counters
BT Health physics instrumentation
Radiation measuring instruments+
NT Luminescent dosimeters
Photographic dosimeters

Dosimetry
RT Dosimeters
BT Radiometry+
NT Radiation dosage+

Double base gun propellants
BT Gun propellants+

Double base propellants
RT Composite propellants
BT Multibase propellants+
NT Double base rocket propellants

Double base rocket propellants
BT Double base propellants+
Solid rocket propellants+

Double diodes
use Diodes(Electron tubes)

Double expansion nozzles
BT Nozzles

Dough machines(Food processing)
(1-SEP-1981)
A machine to make dough from flour and other ingredients.
BT Kitchen equipment and supplies

Dowels
BT Pins+

Down converters
RT Frequency dividers
BT Converters

Downed aircraft
RT Aviation accidents
BT Aircraft

Downlinks
(1-SEP-1981)
RT Uplinks
BT Communications traffic+

Downstream flow
BT Fluid flow+

Downtime
RT Failure(Electronics)
Maintenance
BT Time intervals+

Downwash
RT Wake
BT Air flow+

Draft indicators(Nautical)
BT Depth indicators+
Ship auxiliary equipment+

Drafting
BT Graphic arts+

Drag
RT Friction
NT Aerodynamic drag+
Drag reduction
Lift to drag ratio
Low drag

Drag reduction
RT Boundary layer control
BT Drag
Reduction

Drainage
RT Irrigation systems
Runoff
Seepage
Sumps
BT Hydrology+
NT Flooding+
Watersheds

Drawdown
(1-OCT-1995)
BT Ground water+
Hydrology+

Drawing(Forming)
BT Material forming+
NT Cold drawing

Dreams
BT Sleep+

Dredged materials
RT Dredging
BT Spoil+

Dredging
RT Dredged materials
BT Channels(Waterways)+

Drein-Smulian theorem
use Functional analysis

Dressings
RT First aid
BT Medical supplies+

Driers(Apparatus)
use Drying apparatus

Drift
RT Driftmeters
BT Motion

Drift tube mass spectroscopy
BT Mass spectroscopy+

Driftmeters
RT Drift
BT Course indicators+
Measuring instruments+
Navigational aids+

Drill tapes
BT Drills+

Drilling
RT Boreholes
Drilling machines
Drills
Well logging

Drilling (cont.)
NT Offshore drilling
Rock drilling

Drilling machines
RT Drilling
Reamers
BT Machine tools+

Drills
UF Boring tools
RT Drilling
BT Tools
NT Drill tapes

Drinking
use Ingestion(Physiology)

Drinking water
BT Fresh water+

Drive chains
use Drives

Drive shafts
BT Shafts(Machine elements)

Drive sprockets
BT Sprockets+

Drivers(Personnel)
(1-SEP-1981)
UF Motor vehicle operators
BT Operators(Personnel)+

Drives
UF Drive chains
UFC Constant speed drives
Electronic drives
Elevation power drives
RT Sprockets
NT Drives(Electronics)
Final drives
Magnetic drives+
Sheaves(Drives)
Variable speed drives

Drives(Electronics)
BT Drives

Drives(Psychology)
use Motivation

Drogue parachutes
BT Parachutes

Drone control aircraft
(1-SEP-1981)
A pilotless aircraft of conventional design, or of modified conventional design, piloted by remote control, and once airborne, guided and directed by a mother aircraft.
BT Drones+

Drones
BT Aircraft
NT Drone control aircraft
Remotely piloted vehicles
Surveillance drones
Target drones

Drooped ailerons
use Ailerons

Drop casting
BT Casting+

Drop forging
BT Forging+

Drop tests
RT Impact tests
Shock tests
BT Test methods+

Droppable fuel tanks
use all Fuel tanks
Jettisonable equipment

Drops
RT Liquids
BT Particles
NT Raindrops

Dropsondes
BT Radiosondes+

Drosophila
BT Drosophilidae+

Drosophilidae
UF Pomace flies
Vinegar flies
BT Diptera+
NT Drosophila

Drought
RT Arid land
BT Weather+

Drowning
BT Accidents

Drug abuse
RT Crimes
Drug smuggling
Drugs
NT Drug addiction
Drug overdose

Drug addiction
RT Drug withdrawal
Drugs
BT Drug abuse

Drug detection
(1-APR-1998)
NT Drug testing

Drug interdiction
(1-SEP-1990)
To prevent or hinder, by any means, the use of an area or route for smuggling illicit drugs; to seize illicit drugs through interception of smuggling operations.
RT Drug smuggling

Drug overdose
BT Drug abuse

Drug smuggling
(1-SEP-1990)
Importing or exporting illegal drugs secretly in violation of the law.
RT Drug abuse
Drug interdiction
BT Smuggling+

Drug testing
(1-APR-1998)
BT Drug detection

Drug tolerance
BT Tolerances(Physiology)+

Drug users
BT Personnel

Drug withdrawal
RT Drug addiction
BT Therapy+

Drugs
UFC Cytotoxic drugs
RT Alkaloids
Drug abuse
Drug addiction
Lymphotoxins
Pharmacology
NT Analgesics+
Anesthetics+
Antacids
Anticoagulants+
Anticonvulsants
Antidiuretics
Antidotes
Antiemetics
Antihistaminics
Antihypotensive drugs
Antiinflammatory agents
Antineoplastic agents
Antiplatelet drugs
Antipyretics
Antitubercular agents
Antiviral agents
Autonomic agents+
Capsules(Pharmacy)
Carcinogens+
Cardiac glycosides+
Cardiovascular agents+
Cathartics

Drugs (cont.)
Chemotherapeutic agents+
CNS depressants
CNS stimulants+
Cyclazocine
Diagnostic agents+
Digitoxin
Diuretics
Emetics
Histamine
Hypnotics and sedatives+
Muscle relaxants+
Mutagens
Mydriatics
Narcotics+
Pharmacological antagonists
Placebos
Psychotropic agents+
Steroids+
Teratogenic compounds
Thyroid and antithyroid agents

Dry batteries
BT Electric batteries
NT Lithium chlorine cells

Dry cleaning
BT Cleaning

Dry disk rectifiers
BT Rectifiers+

Dry film lubricants
use Solid lubricants

Dry food mixes
use Dehydrated foods

Dry lakes
BT Arid land+
Landforms+
NT Playas

Dry materials
BT Materials

Dry milk
use all Dehydrated foods
Milk

Dry photographic processing
BT Photographic processing+

Drydock equipment
BT Drydocks+

Drydocks
RT Shipbuilding
BT Maintenance equipment
NT Drydock equipment

Drying
RT Dewatering
Drying apparatus
NT Freeze drying+

Drying agents
use Desiccants

Drying apparatus
(1-SEP-1981)
UF Driers(Apparatus)
RT Drying
BT Separators
NT Evaporators
Photographic driers

Dryness
use Moisture content

DSS
use Decision support systems

Dual channel
BT Multichannel

Dual hardness
BT Hardness+

Dual mode
BT Multimode

Dual purpose guns
Guns designed to deliver fire against aerial or surface targets.
BT Guns+

Dual rotation propellers
BT Propellers

Dual thrust rocket engines
Rocket motors that operate at two thrust levels before propellent burnout.
BT Solid propellant rocket engines+

Dual use technology
(1-JUL-1998)
Technologies developed for the government which have commercial applications.
BT Technology transfer+

Ducks
BT Poultry+
Waterfowl+

Duct bends
BT Ducts

Duct inlets
UF Scoops(Aerodynamics)
BT Inlets+
Scoops

Ducted bodies
BT Bodies

Ducted fans
RT Shrouded propellers
BT Fans+

Ducted propellers
use Shrouded propellers

Ducted rockets
Rocket engines having an augmenting duct encircling the exit of the thrust chamber nozzle.
BT Rocket engines+

Ductile brittle transition
RT Brittleness
Ductility
BT Transitions

Ductility
RT Ductile brittle transition
BT Mechanical properties+

Ductless glands
use Endocrine glands

Ducts
RT Pipes
Tubes
NT Aircraft engine ducts
Duct bends
Ventilation ducts

Duffing type non-linear wave equation
use Nonlinear differential equations

Dummy loads(Electricity)
BT Electrical loads+

Dummy warheads
use Exercise heads

Dump trucks
BT Trucks+

Dunes
RT Beaches
BT Landforms+

Duodenitis
RT Duodenum
BT Gastrointestinal diseases+

Duodenum
RT Duodenitis
BT Small intestine+

Duplexers
RT Switching circuits
BT Transmit receive tubes+
NT Radar duplexers

Duplicating
use Reproduction(Copying)

Dura mater
BT Brain+
Membranes(Biology)+

Dust
RT Dirt
BT Particles
NT Cosmic dust
Dust clouds

Dust clouds
BT Dust+

Dust control
RT Dust explosions
BT Control

Dust explosions
RT Dust control
BT Explosions

Dust storms
RT Air pollution
BT Storms+

Dutch language
(1-JUN-1989)
BT Foreign languages+

Dwarf stars
BT Stars+

Dwell time
BT Time intervals+

Dwellings
use Housing(Dwellings)

Dye lasers
BT Liquid lasers+

Dyes
BT Colorants
NT Chromophores
Cyanine dyes
Fluorescent dyes
Indanthrenes
Solvent dyes

Dynamic loads
RT Static loads
BT Loads(Forces)
NT Aerodynamic loading+
Blast loads
Cyclic loads
Impulse loading

Dynamic pressure
RT Blast loads
Overpressure
Static pressure
BT Pressure

Dynamic programming
BT Mathematical programming+

Dynamic range
BT Range(Extremes)
NT High dynamic range

Dynamic response
BT Response
NT Modal analysis

Dynamic tests
BT Test methods+
NT Impact tests+
Shock tests

Dynamical systems(Transformations)
use Topology

Dynamics
BT Mechanics
NT Fluid dynamics+
Kinetics+
Lattice dynamics
Soil dynamics

Dynamite
RT Nitroglycerin
BT High explosives+

Dynamometers
Instruments for measuring or testing the torque or driving power of motors or other machines.
RT Ergometers
BT Measuring instruments+

Dynamotors
BT Motor generators+

Dynodes
BT Electrodes
Electron tube components+

Dysentery
UF Amoebic dysentery
BT Gastrointestinal diseases+
NT Bacillary dysentery
Shigellosis

Dysfunction
RT Abnormalities

Dysplasia
BT Growth(Physiology)+

Dyspnea
RT Respiratory system
BT Pathology+
Respiration+

Dysprosium
RT Dysprosium compounds
BT Rare earth elements+

Dysprosium compounds
RT Dysprosium
BT Rare earth compounds+

Dysuria
BT Kidney diseases+

E

E band
BT Ultrahigh frequency+

E layer
use E region

E region
(1-NOV-1980)
The region of the ionosphere extending from 60 to 90 miles above the earth; between the D and F regions.
UF E layer
UFC Sporadic e layer
BT Ionosphere+

Ear
UF Labyrinth(Ear)
Stapes
Tympanic cavity
UFC Cerumen
Otitis
RT Hearing
Otology
BT Head(Anatomy)+
Sense organs+
NT Cochlea
Middle ear
Organ of corti
Semicircular canals
Stria vascularis
Vestibular apparatus

Ear protectors
UF Hearing protection
RT Noise reduction
BT Protective equipment+

Early warning radar
use all Early warning systems
Search radar

Early warning sonar
use all Early warning systems
Sonar

Early warning systems
Systems that warn of enemy attack in time for retaliatory as well as defensive measures.
UFC Early warning radar
Early warning sonar
Infrared early warning systems
RT Defense systems
BT Warning systems+
NT Airborne early warning

Earphones
UF Headphones
UFC Hearing aids
BT Electroacoustic transducers+

Earth(Planet)
RT Earth sciences
BT Planets+
NT Earth crust+
Earth interior+
Moon

Earth atmosphere
(1-MAY-1983)
Includes earth envelope and terrestial atmosphere.
RT Ozone layer
BT Planetary atmospheres+
NT Sky+
Stratosphere
Troposphere+
Upper atmosphere+

Earth core
BT Earth interior+

Earth crust
RT Plate tectonics
Structural geology
BT Earth(Planet)+
NT Earth surface+
Lithosphere+
Oceanic crust+

Earth currents
use Telluric currents

Earth dams
BT Dams

Earth fills
RT Backfills
Earthwork
BT Construction materials+

Earth handling equipment
BT Construction equipment+

Earth interior
BT Earth(Planet)+
NT Earth core
Earth mantle+

Earth mantle
UF Mantle(Earth structure)
BT Earth interior+
NT Mohorovicic discontinuity

Earth models
BT Models
NT Geoids
Terrain models

Earth movements
Movements of the earth, comprising revolution about the sun, rotation on the axis, precession of equinoxes, and motion of the surface of the earth relative to the core and mantle.
BT Seismology+
Tectonics+
NT Earth tides
Earthquakes+
Ground motion
Landslides
Orogeny

Earth orbits
BT Orbits+

Earth penetrating devices

Earth sciences
RT Earth(Planet)
BT Physical sciences
NT Geochemistry+
Geodesy+
Geography+
Geology+
Geophysics+
Hydrology+
Isostatic change
Limnology+
Meteorology+
Mineralogy
Mining engineering+
Oceanography+
Seismology+

Earth slides
use Avalanches

Earth surface
(1-JUN-1989)
BT Earth crust+
NT Ocean surface

Earth tides
(1-JUN-1989)
Periodic movements of the earth's crust caused by forces of the moon and sun.
BT Earth movements+
Tides

Earthquake engineering
RT Earthquakes
BT Engineering
NT Earthquake resistant structures
Earthquake warning systems

Earthquake resistant structures
BT Earthquake engineering+
Structures

Earthquake warning systems
BT Earthquake engineering+
Warning systems+

Earthquakes
RT Earthquake engineering
Shaking
Tremors
BT Earth movements+
Seismic waves+
Seismology+
NT Epicenters
Tsunamis

Earthshine
BT Light+

Earthwork
RT Earth fills
Fortifications
BT Embankments+

East(Direction)
(1-NOV-1980)
The direction toward the right of one facing north.
BT Orientation(Direction)

East Africa
(1-NOV-1980)
BT Subsaharan Africa+
NT Ethiopia
Kenya
Mozambique
Somalia
Tanzania+

East China Sea
BT North Pacific Ocean+
NT Yellow Sea

East Germany
UF German Democratic Republic
Peoples Democratic Republic of Germany
BT Germany(East and West)+
Warsaw Pact countries+

East Pacific Rise
BT Ocean ridges+

East West relations
BT International relations+
NT Cold War
Detente

Eastern equine encephalomyelitis virus
BT Equine encephalomyelitis virus+

Eastern Europe
BT Europe+
NT Albania
Baltic countries+
Belarus
Eastern Europe (cont.)
Bulgaria
Czechoslovakia+
Finland
Greece
Hungary
Moldova
Poland
Rumania
Ukraine
Yugoslavia+

Eating
use Ingestion(Physiology)

Eberthella
use Salmonella

Ebola virus
(1-OCT-1995)
BT Viruses+

Ebonites
BT Rubber+

EBW
use Exploding wires

Eccentricity
RT Abnormalities
Asymmetry
Distortion
BT Shape+

Echinodermata
UF Echinoderms
Holothuioidea
Sea cucumbers
BT Aquatic animals+
Invertebrates+
NT Sea urchins
Starfishes

Echinoderms
use Echinodermata

Echo ranging
RT Sonar
BT Sound ranging+

Echocardiography
BT Cardiography+

Echoes
RT Acoustic reflection
Reverberation
NT Sonar echoes
Target echoes

Echoviruses
BT Enteroviruses+

Eclampsia
use Convulsive disorders

Eclipses
RT Occultation
BT Celestial mechanics+
NT Lunar eclipses
Solar eclipses
Stellar eclipses

Ecology
UF Bionomics
Paleoecology
NT Ecosystems+
Eutrophication
Food chains
Habitats

Econometrics
BT Economic analysis+
NT Economic forecasting
Indexes(Ratios)+

Economic analysis
RT Cost analysis
BT Economics
NT Budgets+
Econometrics+
Economic impact
Economic models+

Economic development
(1-OCT-1997)
RT Commerce
BT Economics

Economic forecasting
(1-OCT-1997)
BT Econometrics+

Economic geology
RT Economics
BT Geology+
NT Petroleum geology+

Economic impact
(1-SEP-1981)
Determination of the effects of economic policies, decisions, and conditions upon a group, region, etc., e.g., as might result from moving an industrial plant from northeast to southwest or closing a military facility.
RT Living standards
BT Economic analysis+

Economic models
BT Economic analysis+
Mathematical models+
NT Cost models
Obsolescence theory

Economic warfare
Actions designed to disrupt economic conditions in an enemy or potential enemy country, thereby reducing its ability to

Economic warfare (cont.)
wage war.
RT Economics
BT Warfare

Economics
RT Economic geology
Economic warfare
Investments
NT Agricultural economics
Benefits+
Costs+
Demand(Economics)
Distribution(Economics)
Economic analysis+
Economic development
Inflation(Economics)
Land use+
Macroeconomics
Marketing+

Ecosystems
BT Ecology
NT Closed ecological systems

Ectoparasites
BT Parasites+

Ecuador
BT South America+

Eczema
BT Dermatitis+

Eddies(Fluid mechanics)
UF Swirling flow
BT Fluid mechanics+
Vortices+

Eddy currents
BT Electric current+

Edema
UF Hydroperitoneum
RT Body fluids
Diuresis
BT Pathology+
NT Pulmonary edema

Edges
RT Sides
NT Leading edges
Selvage
Trailing edges

Editing
RT Corrections
BT Writing

Education
UF Teaching
RT Doctrine
Learning
Students
BT Social sciences

Education (cont.)
NT Literacy
Schools+
Science fairs
Training+

Eductors
use Jet pumps

EEG(Electroencephalograms)
use Electroencephalography

Eels
(1-MAY-1983)
The common name for a number of unrelated fishes included in the orders anguilliformes and cypriniformes; all have an elongated, serpentine body.
BT Fishes+

Efficiency
RT Proficiency
NT Quantum efficiency

Effluents
RT Effluvia
BT Liquid wastes+

Effluvia
RT Effluents
BT Vapors+
NT Human effluvia

Effusion
BT Stress(Physiology)+

Egg albumin
BT Albumins+

Egg white
use Eggs(Food)

Egg yolk
use Eggs(Food)

Eggs
NT Eggs(Food)

Eggs(Food)
(1-DEC-1984)
Reproductive cell of certain female animals which may be used as food.
UF Egg white
Egg yolk
UFC Powdered eggs
BT Eggs
Food

Egypt
RT Egyptians
BT Middle East+
North Africa+
NT Sinai

Egyptians
RT Egypt
BT Africans+

Eicosane
BT Alkanes+

Eigenfunctions
use Eigenvectors

Eigenvalues
RT Eigenvectors
BT Differential equations+

Eigenvectors
UF Eigenfunctions
RT Eigenvalues
BT Matrices(Mathematics)+

Einsteinium
RT Einsteinium compounds
BT Actinide series+
Transuranium elements+

Einsteinium compounds
RT Einsteinium
BT Transuranium compounds+

Eisenstein series
use Series(Mathematics)

Ejecta
RT Ejection

Ejection
RT Bailout
Ejecta
Ejection seats
Ejectors

Ejection seats
RT Ejection
Escape capsules
BT Seats

Ejectors
RT Dispensers
Ejection
NT Air ejectors
Ejectors(Ordnance)+

Ejectors(Fluid)
use Jet pumps

Ejectors(Ordnance)
BT Ejectors
NT Bomb ejectors

El Salvador
BT Central America+

Elastic properties
RT Plastic properties
BT Mechanical properties+
NT Aeroelasticity+

Elastic properties (cont.)
Elastoplasticity
Hydroelasticity
Modulus of elasticity+
Photoelasticity
Thermoelasticity
Viscoelasticity

Elastic scattering
RT Inelastic scattering
BT Scattering
NT Delbruck scattering

Elastic shells
BT Shells(Structural forms)+

Elastic waves
BT Mechanical waves+
NT Acoustic waves+
Detonation waves
Phonons
Rayleigh waves+
Secondary waves
Shock waves+
Stress waves
Underwater acoustics

Elastic webbing
RT Rubber fibers
BT Fabrics+

Elastin
use Albuminoids

Elastomers
NT Rubber+
Vulcanizates

Elastoplasticity
(1-SEP-1990)
State of a substance subjected to a stress greater than its elastic limit but not so great as to cause it to rupture, in that it exhibits both elastic and plastic properties.
BT Elastic properties+
Plastic properties+

Elbows(Fittings)
BT Fittings+

Elections
(1-NOV-1980)
The selection of a person or persons for office by vote.
RT Selection
BT Political science+

Electrets
BT Dielectrics

Electric arcs
BT Electric discharges+

Electric automobiles
RT Electric engines
BT Automotive vehicles+

Electric batteries
UF Batteries(Electrical)
RT Battery chargers
Electric power production
NT Alkaline batteries+
Battery components+
Dry batteries+
Guided missile batteries
Lithium batteries
Low temperature batteries
Magnesium batteries
Mercury batteries
Meteorological batteries
Mine batteries
Primary batteries+
Radioisotope batteries
Storage batteries+
Wet cells

Electric brakes
BT Brakes
NT Magnetic brakes

Electric bridges
BT Measuring instruments+
NT Impedance bridges+
Microwave bridges

Electric cables
UF Cables(Electrical)
Power distribution cables
Stranded conductors
RT Cable grips
BT Cables
Transmission lines
NT Coaxial cables+

Electric charge
RT Electrometers
BT Electrical properties+
NT Charge density
Charge transfer
Electrostatic charge
Space charge
Spacecraft charging

Electric coils
RT Ignition systems
BT Coils
NT Magnet coils+

Electric conductors
RT Transmission lines
NT Electrolytes+
Photoconductors+
Superconductors+

Electric conduits
BT Conduits

Electric connectors
UF Connectors(Electric)
Jacks(Electrical)
BT Connectors
NT Circuit interconnections+
Electron tube sockets

Electric contacts
BT Electrical equipment
NT Electric switches+
Electrical brushes+
Fixed contacts
Metal contacts

Electric cord
use Electric wire

Electric current
UF Currents(Electrical)
RT Ammeters
Voltage
BT Currents
Electricity
NT Alternating current
Direct current
Eddy currents
Electrojets
Ionic current
Telluric currents

Electric current regulators
use Current regulators

Electric detonators
BT Detonators+

Electric dipole transitions
use Selection rules(Physics)

Electric discharges
UF Discharges(Electrical)
UFC High frequency discharges
RT Precipitation static
Space charge
BT Electron emission+
NT Breakdown(Electronic threshold)
Electric arcs
Gas discharges
Glow discharges
Lightning
Sparks

Electric double layer

Electric engines
RT Electric automobiles
Electric propulsion
BT Engines
NT Arc jet engines
Ion engines
Plasma engines

Electric fences
(1-MAY-1983)
A fence consisting of one or more

Electric fences (cont.)
lengths of wire energized with high-voltage, low current pulses, and giving a warning shock when touched.
RT Deterrence
BT Fences+

Electric fields
BT Electromagnetic fields+
Electromagnetism+
NT Electrostatic fields

Electric filters
BT Filters
NT Coaxial filters
Comb filters
Crystal filters
Digital filters
Matched filters
Tuned filters
Video filters

Electric furnaces
RT Electric heaters
BT Furnaces+
NT Vacuum furnaces

Electric fuzes(Ordnance)
BT Fuzes(Ordnance)+

Electric generators
RT Electric power
BT Generators
NT Alternators
Amplidynes
Electrostatic generators+
Hand generators
Magnetohydrodynamic generators
Magnetos
Motor generators+
Plasma generators
Radioisotope thermoelectric devices
Solar generators+
Thermionic converters
Turbogenerators

Electric governors
Devices that control the output of generators.
BT Speed regulators+

Electric guns
BT Guns+
NT Electromagnetic guns
Electrothermal chemical guns

Electric heaters
RT Electric furnaces
BT Heaters

Electric igniters
RT Electric ignition
BT Igniters+

Electric igniters (cont.)
NT Exploding wires

Electric ignition
RT Electric igniters
BT Ignition+

Electric insulating tapes
use all Electrical insulation
Tapes

Electric insulation
use Electrical insulation

Electric moments
BT Electrical properties+
Moments
NT Nuclear electric moments

Electric motor noise
RT Electric motors
BT Machinery noise+

Electric motor stators
BT Electric motors+
Stators+

Electric motors
RT Electric motor noise
BT Motors
NT Electric motor stators
Induction motors

Electric multipole transitions
use Selection rules(Physics)

Electric potential
use Voltage

Electric power
UF Electrical energy
RT Electric generators
Electric power transmission
Electric propulsion
BT Power
NT Brownouts(Electric power)
Electric power production+
Uninterruptable power generation

Electric power distribution
BT Distribution
Power distribution
NT Electric power transmission

Electric power plants
UF Power plants(Establishments)
RT Electric power production
NT Auxiliary power plants
Engine generator sets
Nuclear power plants+
Thermal power plants+

Electric power production
RT Electric batteries
Electric power plants

Electric power production (cont.)
Electrical engineering
BT Electric power+
NT Power supplies+
Thermionic power generation
Thermoelectric power generation+

Electric power transmission
RT Electric power
Electrical engineering
BT Electric power distribution+

Electric primers
BT Primers+

Electric propulsion
RT Electric engines
Electric power
BT Propulsion systems

Electric reactors
RT Transformers
BT Electrical equipment
NT Saturable reactors

Electric relays
UF Relays(Electric)
RT Electronic relays
BT Relays

Electric servomechanisms
use Synchros

Electric shunts
UF Jumpers(Electricity)
BT Shunts

Electric switches
UF Knife switches
BT Electric contacts+
Switches
NT Channel selectors
Circuit breakers
Crossbar switches
Electronic switches
Interrupters
Push buttons
Rotary switches
Sequence switches
Synchronizing switches
Thermal switches
Time switches
Toggle switches
Transfer switches
Vacuum switches

Electric terminals
UF Terminal blocks
BT Terminals
NT Beam leads

Electric trigger controls
BT Firing mechanisms(Weapon)+

Electric welding
BT Welding+
NT Arc welding+
Resistance welding+
Spot welding

Electric wire
Single, unstranded conductors only. For stranded and multiple conductors in bundles, see Electric cables.
UF Electric cord
BT Wire

Electrical brushes
BT Electric contacts+
NT Carbon brushes

Electrical capacity
use Capacitance

Electrical conductivity
UF Electrical resistivity
BT Admittance+
Conductivity+
Electrical properties+
NT Photoconductivity
Superconductivity

Electrical cooking devices
use all Cooking devices
Electrical equipment

Electrical corona
RT Aurorae
Ionization
BT Coronas

Electrical de-icing
use all Deicing systems
Electrical equipment

Electrical effects
use Electrical properties

Electrical energy
use Electric power

Electrical engineering
RT Electric power production
Electric power transmission
BT Engineering
NT Power engineering
Radio engineering

Electrical equipment
UFC Electrical cooking devices
Electrical de-icing
NT Armatures
Battery chargers
Brushless electrical equipment
Electric contacts+
Electric reactors+
Inductors+
Junction boxes
Electrical equipment (cont.)
Microwave equipment+
Miniature electrical equipment+
Plugs
Rectifiers+
Resistors+
Vibrators(Electrical)

Electrical grounding
BT Electrical properties+

Electrical impedance
UF Impedance(Electrical)
RT Impedance bridges
BT Electrical properties+
Impedance
NT Capacitance
Electrical resistance+
Inductance
Reactance

Electrical industry
BT Industries

Electrical insulation
UF Electric insulation
UFC Electric insulating tapes
BT Insulation

Electrical lasers
BT Lasers+

Electrical loads
RT Overload
BT Loading(Electronics)+
NT Dummy loads(Electricity)

Electrical measurement
RT Electrometers
Electroscopes
BT Measurement
NT Polarography
Voltammetry

Electrical networks
BT Networks
NT Three terminal networks

Electrical properties
UF Electrical effects
BT Electricity
NT Carrier mobility
Dielectric properties+
Dissipation factor
Electric charge+
Electric moments+
Electrical conductivity+
Electrical grounding
Electrical impedance+
Electron mobility
Ferroelectricity
Leakage(Electrical)
Loading(Electronics)+
Permittivity(Electrical)
Piezoelectricity+
Electrical properties (cont.)
Pyroelectricity

Electrical resistance
UF Resistance(Electrical)
RT Resistors
BT Electrical impedance+
Resistance
NT Magnetoresistance

Electrical resistivity
use Electrical conductivity

Electrically heated clothing
use all Clothing
Heating elements

Electrically suspended gyros
BT Gyroscopes

Electricity
RT Electromagnetic fields
NT Antiferroelectricity
Atmospheric electricity+
Bioelectricity+
Electric current+
Electrical properties+
Ferroelectricity
Hydroelectricity
Photoelectricity+
Static electricity+
Thermoelectricity+
Triboelectricity
Voltage+

Electroacoustic materials
RT Electroacoustics
BT Acoustic materials+

Electroacoustic transducers
RT Electroacoustics
BT Transducers
NT Earphones
Hydrophones
Microphones
Pingers

Electroacoustics
RT Electroacoustic materials
Electroacoustic transducers
BT Acoustics

Electroanesthesia
BT Anesthesia+

Electrocardiography
RT Diagnosis(Medicine)
Electrophysiology
BT Cardiography+
NT Vectorcardiography

Electrocatalysts
BT Catalysts

Electrochemistry
RT Electrodes
BT Chemistry+
NT Electrolysis

Electrocoloration
BT Coloring

Electrocorticography
BT Electrophotography+

Electrocortin
use Corticosteroid agents

Electrode holders
RT Electrodes
BT Holders

Electrodeposition
RT Electrolytic cells
BT Deposition
NT Electroforming
Electroplating

Electrodermal response
use Galvanic skin response

Electrodes
UFC Silver electrodes
RT Electrochemistry
Electrode holders
NT Anodes+
Cathodes+
Dynodes
Hydrogen electrodes
Ion selective electrodes
Oxygen electrodes
Spark gaps
Tube grids
Welding rods

Electrodialysis
BT Dialysis+

Electrodynamics
RT Electromagnetic fields
Electrostatics
NT Electrohydrodynamics+
Maxwells equations
Quantum electrodynamics+

Electroencephalogram
use Electroencephalography

Electroencephalography
UF EEG(Electroencephalograms)
Electroencephalogram
RT Diagnosis(Medicine)
Electrophysiology
NT Magnetoencephalograms

Electroendosmosis
use Electroosmosis

Electroerosive machining
UF Electrolytic cutting
BT Machining+
NT Spark machining

Electroexplosive devices
use Explosives initiators

Electroforming
RT Spark machining
BT Electrodeposition+
Material forming+

Electrogastrograms
RT Electrophysiology
BT Electrophotography+

Electrohydraulic valves
BT Hydraulic valves+

Electrohydrodynamics
BT Electrodynamics
Hydrodynamics+
NT Electrokinetics

Electrojets
RT Geomagnetism
BT Electric current+

Electrokinetics
RT Electrokinetographs
BT Electrohydrodynamics+
Kinetics+

Electrokinetographs
(1-NOV-1980)
Instrument used to measure ocean current velocities based on their electrical effects in the magnetic field of the earth.
RT Electrokinetics
Gek data
BT Oceanographic equipment

Electroless plating
BT Plating+

Electroluminescence
RT Electrooptics
BT Luminescence+

Electrolysis
RT Electrolytes
BT Electrochemistry+
Lysis+

Electrolytes
RT Electrolysis
Electrolytic cells
BT Electric conductors
NT Electrolytes(Physiology)
Nonaqueous electrolytes
Polyelectrolytes
Solid electrolytes

Electrolytes(Physiology)
RT Blood plasma
BT Electrolytes+
Physiology

Electrolytic capacitors
BT Capacitors
NT Tantalum capacitors

Electrolytic cells
UF Cells(Electrolytic)
RT Electrodeposition
Electrolytes
BT Cells
NT Wet cells

Electrolytic cutting
use Electroerosive machining

Electrolytic polishing
UF Electropolishing
BT Finishes
Polishing+

Electrolytic refining
use Electrorefining

Electrolytic titration
use Volumetric analysis

Electromagnetic compatibility
BT Compatibility
Electromagnetic properties+

Electromagnetic drives
BT Magnetic drives+

Electromagnetic effects
use Electromagnetic properties

Electromagnetic engines
use Plasma engines

Electromagnetic environments
BT Electromagnetic properties+
Environments

Electromagnetic factors
use Electromagnetic properties

Electromagnetic fields
RT Electricity
Electrodynamics
Electromagnetism
Electrostatics
BT Electromagnetic radiation+
NT Electric fields+
Far field
Magnetic fields+
Radio fields

Electromagnetic fuzes
BT Fuzes(Ordnance)+
NT Infrared fuzes
Optical fuzes

Electromagnetic guns
(1-SEP-1990)
Guns which generate brief but powerful electrical pulses which produce strong magnetic fields that can launch projectiles at great speeds.
UF Coil guns
Rail guns
BT Electric guns+

Electromagnetic induction
RT Inductors
BT Magnetic induction+

Electromagnetic interference
BT Electromagnetic radiation+
Interference
NT Blackout(Propagation)
Infrared jamming
Radiofrequency interference+
Shot noise

Electromagnetic probes
UF Broadband probes
BT Probes+

Electromagnetic properties
Response of equipment or materials to an electromagnetic field. Also, the ability of equipment or materials to produce electromagnetic fields.
UF Electromagnetic effects
Electromagnetic factors
BT Physical properties
NT Birefringence
Chromaticity
Electromagnetic compatibility
Electromagnetic environments
Electromagnetic susceptibility
Electromagnetism+
Lorentz force
Magnetic properties+
Opacity

Electromagnetic pulse simulators
RT Electromagnetic pulses
BT Simulators+

Electromagnetic pulses
RT Electromagnetic pulse simulators
BT Electromagnetic radiation+
Pulses
NT Infrared pulses
Internal electromagnetic pulses
Light pulses+
Radiofrequency pulses+
Wave packets

Electromagnetic pumps
BT Pumps

Electromagnetic radiation
UF Radiation(Electromagnetic)
Waves(Electromagnetic)
RT Electromagnetic scattering
BT Radiation
NT Beams(Electromagnetic)+
Blackbody radiation
Bremsstrahlung
Carrier waves
Cerenkov radiation
Clutter+
Coherent electromagnetic radiation+
Electromagnetic fields+
Electromagnetic interference+
Electromagnetic pulses+
Electromagnetic wave reflections+
Gamma rays+
Infrared radiation+
Light+
Radar signals+
Radio waves+
Synchrotron radiation
Thermal radiation
Ultraviolet radiation+
X rays+

Electromagnetic scattering
RT Electromagnetic radiation
BT Scattering
NT Light scattering
Mie scattering+
Raman scattering

Electromagnetic shielding
BT Radiation shielding+

Electromagnetic spectra
BT Spectra+
NT Absorption spectra
Atomic spectra+
Band spectra
Emission spectra+
Gamma ray spectra+
Infrared spectra
Line spectra+
Raman spectra+
Solar spectrum
Ultraviolet spectra
Visible spectra
X ray spectra

Electromagnetic susceptibility
BT Electromagnetic properties+

Electromagnetic theory
use Electromagnetism

Electromagnetic warfare
use Electronic warfare

Electromagnetic wave filters
BT Filters
NT Optical filters+
Polarizing filters
Electromagnetic wave filters (cont.)
Waveguide filters
X ray filters

Electromagnetic wave propagation
BT Wave propagation+
NT Light transmission+
Radio transmission+

Electromagnetic wave reflections
UFC Radio wave reflections
BT Electromagnetic radiation+
Reflection
NT Radar reflections+

Electromagnetism
UF Electromagnetic theory
RT Electromagnetic fields
BT Electromagnetic properties+
NT Electric fields+
Magnetic fields+

Electromagnets
RT Magnet coils
BT Magnets+
NT Solenoids
Wiggler magnets

Electromechanical converters
RT Energy conversion
BT Converters
Electromechanical devices

Electromechanical devices
NT Electromechanical converters
Microelectromechanical systems

Electromechanical waves
BT Mechanical waves+

Electrometers
RT Electric charge
Electrical measurement
BT Measuring instruments+

Electromyography
RT Electrophysiology

Electron accelerators
BT Particle accelerators
NT Betatrons
Traveling wave electron accelerators

Electron acceptors
BT Semiconductors+

Electron beam lithography
(1-OCT-1996)
BT Lithography+

Electron beam melting
RT Electron beam welding
BT Melting+

Electron beam welding
RT Electron beam melting
BT Fusion welding+

Electron beams
RT Electron lenses
BT Corpuscular radiation+
Particle beams+

Electron capture
BT Beta decay+

Electron density
RT Current density
Electron flux
Electron gas
Electrons
BT Density+

Electron diffraction
BT Diffraction

Electron donors
BT Semiconductors+

Electron electron interactions
(1-JAN-00)
BT Interactions

Electron emission
BT Emission
NT Electric discharges+
Field emission
Photoelectric emission
Secondary emission

Electron energy
RT Electrons
Kinetic energy
BT Energy

Electron flux
RT Electron density
BT Particle flux+

Electron gas
RT Electron density
Free electrons
BT Electrons+

Electron guns
RT Cathode ray tubes
BT Electron tube components+

Electron impact spectra
BT Emission spectra+

Electron irradiation
RT Secondary emission
BT Irradiation+

Electron lenses
RT Beam forming
Electron beams
BT Electron optics+

Electron lenses (cont.)
Lenses

Electron microscopes
RT Electron microscopy
BT Microscopes+
NT Scanning electron microscopes

Electron microscopy
RT Electron microscopes
BT Microscopy+

Electron mobility
RT Free electrons
High electron mobility transistors
BT Electrical properties+
Mobility
Transport properties+

Electron multipliers
BT Electron tubes+
Electronic multipliers
NT Microchannel plates
Photomultiplier tubes

Electron nuclear cross sections
BT Nuclear cross sections+

Electron nuclear double resonance
RT Electron paramagnetic resonance
BT Resonance+

Electron optics
RT Flying spot scanners
BT Optics
NT Electron lenses

Electron paramagnetic resonance
RT Electron nuclear double resonance
BT Paramagnetic resonance+
NT Electron spin resonance

Electron probes
BT Probes+

Electron scattering
BT Nuclear reactions
Scattering

Electron spectroscopy
BT Spectroscopy
NT Auger electron spectroscopy+

Electron spin resonance
BT Electron paramagnetic resonance+
Spin resonance+

Electron transfer
RT Electron transitions
Electron transport
BT Transfer

Electron transitions
RT Atomic orbitals
Electron transfer

Electron transitions (cont.)
Excimers
BT Transitions
NT Selection rules(Physics)

Electron transport
RT Electron transfer
BT Transport

Electron tube components
(1-DEC-1984)
UF Electron tube parts
BT Electron tubes+
NT Anodes(Electron tubes)
Cathodes(Electron tubes)+
Crossed field devices
Dynodes
Electron guns
Electron tube heaters
Electron tube targets+
Tube grids

Electron tube heaters
UF Filaments(Electron tubes)
Tube heaters
BT Electron tube components+

Electron tube parts
use Electron tube components

Electron tube sockets
BT Electric connectors+

Electron tube targets
BT Electron tube components+
NT Cathode ray tube screens

Electron tubes
RT Transconductance
BT Electronic equipment
NT Beam power tubes
Cathode ray tubes+
Cold cathode tubes+
Diodes(Electron tubes)
Discharge tubes+
Electron multipliers+
Electron tube components+
Field emission tubes
Image tubes+
Microwave tubes+
Miniature electron tubes+
Mixer tubes
Pentodes
Radial beam tubes
Resnatrons
Shadow mask tubes
Storage tubes
Tetrodes
Triodes
X ray tubes

Electronic accounting machines
BT Punched card readers+

Electronic aircraft
Aircraft having ECM capability, electronic devices to permit employment as an early warning radar station, or tactical data communications link for all nonautonomous modes of flight.
BT Military aircraft+

Electronic classroom
use Distance learning

Electronic combiners

Electronic commerce
(1-OCT-1998)
Trade controlled by electronic communications.
BT Commerce
Telecommunications+

Electronic commutators
Mechanical or electronic devices that execute repetitive sequential switching in pulse communication systems.
BT Commutators

Electronic cooking devices
use all Cooking devices
Electronic equipment

Electronic counter countermeasures
BT Counter countermeasures+
Electronic warfare+
NT Antijamming+

Electronic countermeasures
BT Countermeasures+
Electronic warfare+
NT Communications countermeasures
Jamming+
Radar countermeasures+
Radar deception+
Radio countermeasures
Radio deception

Electronic drives
use all Drives
Electronic equipment

Electronic equipment
UFC Electronic cooking devices
Electronic drives
Electronic recognition systems
NT Diodes+
Electron tubes+
Electronic scanners
Electrostatic probes+
Microwave equipment+
Millimeter wave equipment
Miniature electronic equipment+
Mixers(Electronics)+
Modules(Electronics)+

Electronic equipment (cont.)
Oscillators+
Semiconductor devices+

Electronic intelligence
The technical and intelligence information derived from foreign noncommunications electromagnetic radiations emanating from other than nuclear detonations or radioactive sources.
UF Elint
BT Intelligence
NT Radar intelligence

Electronic mail
(1-DEC-1984)
The electronic transmission of letters, messages and memos through a communications network.
RT Computer communications
Internet
BT Data transmission systems

Electronic multipliers
NT Electron multipliers+
Frequency multipliers+

Electronic photoflash equipment
BT Flash lamps+
Photographic lighting systems+
NT Photoflash lamps

Electronic photography
use Electrooptical photography

Electronic publishing
(1-APR-1999)
UF Desktop publishing
BT Printing

Electronic recognition systems
use all Electronic equipment
Identification systems

Electronic reconnaissance
UF Ferret reconnaissance
BT Reconnaissance+
NT Radar reconnaissance

Electronic recording systems
BT Recording systems
NT Acoustic recording systems+
Dielectric recording systems
Disk recording systems
Magnetic recording systems+
Tape recorders

Electronic relays
RT Electric relays
BT Relays

Electronic scanners
BT Electronic equipment
Scanners

Electronic security
BT Security
NT Data processing security+

Electronic states
RT Fermi surfaces

Electronic support measures
RT Electronic warfare

Electronic switches
RT Electronic switching
BT Electric switches+

Electronic switching
RT Electronic switches
BT Switching
NT Asynchronous transfer mode

Electronic technicians
BT Technicians+

Electronic warfare
UF Electromagnetic warfare
RT Electronic support measures
BT Warfare
NT Electronic counter countermeasures+
Electronic countermeasures+
Information warfare+
Radar interception
Radio interception

Electronics
RT Electronics industry
Electronics laboratories
Modules(Electronics)
NT Avalanche effect(Electronics)
Avionics+
Blanking(Electronics)
Gaseous electronics
Microelectronics+
Molecular electronics
Quantum electronics+
Reentrant electronics
Solid state electronics+
Tunneling(Electronics)
Visionics

Electronics industry
(1-JUN-1989)
RT Electronics
BT Industries

Electronics laboratories
RT Electronics
BT Laboratories+

Electrons
UFC Conversion electrons
RT Electron density

Electrons (cont.)
Electron energy
Excitons
Holes(Electron deficiencies)
Positrons
BT Charged particles
Fermions+
NT Auger electrons
Beta particles
Electron gas
Free electrons
Photoelectrons
Relativistic electrons

Electrooculograms
RT Oculometers
BT Electrooculography+

Electrooculography
RT Electrophysiology
Oculometers
BT Electrophotography+
NT Electrooculograms

Electrooptical photography
Recording of optical, infrared, or radar images on photographic film by electronic scanners.
UF Electronic photography
RT Electrophotography
BT Photography

Electrooptics
RT Acoustooptics
Electroluminescence
Magnetooptics
Optical phenomena
BT Optics

Electroosmosis
UF Electroendosmosis
BT Osmosis+

Electrophoresis
UF Cataphoresis
RT Electrophoretic coatings

Electrophoretic coatings
RT Electrophoresis
BT Coatings

Electrophotography
RT Electrooptical photography
Xerography
BT Photography
NT Electrocorticography
Electrogastrograms
Electrooculography+

Electrophysiology
RT Electrocardiography
Electroencephalography
Electrogastrograms
Electromyography
Electrooculography

Electrophysiology (cont.)
Electroretinography
Electrotherapy
BT Physiology

Electroplating
Electrodeposition of a metal or alloy from a suitable electrolyte solution.
RT Deposition
Electroplating solutions
BT Electrodeposition+
Plating+

Electroplating solutions
RT Electroplating
BT Solutions(Mixtures)+

Electropneumatic valves
BT Pneumatic valves+

Electropolishing
use Electrolytic polishing

Electrorefining
UF Electrolytic refining
BT Refining

Electroretinography
RT Electrophysiology

Electrorheology
(1-APR-1998)
Study of variations in viscosity induced by electric fields.
BT Rheology+

Electroscopes
RT Electrical measurement
BT Measuring instruments+

Electroshock therapy
use Shock therapy

Electroslag welding
BT Pressure welding+
Resistance welding+

Electrospark machining
use Spark machining

Electrostatic accelerators
BT Particle accelerators
NT Cockroft Walton accelerators

Electrostatic analyzers
BT Analyzers

Electrostatic charge
RT Electrostatic precipitation
Electrostatics
BT Electric charge+

Electrostatic fields
RT Static electricity
BT Electric fields+

Electrostatic fuzes
BT Proximity fuzes+

Electrostatic generators
BT Electric generators+
NT Van de Graaff generators

Electrostatic precipitation
UF Precipitation(Electrostatic)
RT Electrostatic charge
BT Precipitation
Separation

Electrostatic probes
BT Electronic equipment
NT Langmuir probes

Electrostatics
RT Electrodynamics
Electromagnetic fields
Electrostatic charge
Magnetostatics
BT Static electricity+

Electrostriction
RT Magnetostriction
BT Piezoelectricity+

Electrotherapy
The therapeutic use of electricity.
RT Diathermy
Electrophysiology
BT Therapy+

Electrothermal chemical guns
(1-OCT-1999)
BT Electric guns+

Electrothermal engines
use Arc jet engines

Elementary particles
BT Nuclear particles
NT Antiparticles+
Baryons+
Bosons+
Excitons
Fermions+
Magnons
Quarks
Regge poles
Strange particles+

Elephantiasis
BT Parasitic diseases+

Elevating gear
UFC Elevation power drives
BT Gun components+
Gun directors+

Elevation
BT Altitude
NT Low elevation

Elevation power drives
use all Drives
Elevating gear

Elevators
BT Trailing control surfaces+

Elevators(Lifts)
BT Hoists+

Elevons
BT Trailing control surfaces+

Elimination
RT Cancellation
Elimination reactions
Erasure

Elimination reactions
RT Elimination
BT Chemical reactions+

Elint
use Electronic intelligence

Ellesmere Island
BT Queen Elizabeth Islands+

Ellipses
BT Analytic geometry+

Ellipsoids
BT Convex bodies+
Geometric forms

Ellipsometers
BT Measuring instruments+

Elliptic differential equations
use Partial differential equations

Elliptic mapping
use Complex variables

Elliptical orbit trajectories
BT Orbits+
NT Apogee
Perigee

Elongation
BT Shape+

Elution
BT Separation

Embankments
RT Banks(Waterways)
BT Structures
NT Dikes
Earthwork
Levees

Embankments (cont.)
Revetments+

Embedding
RT Embedding substances
Encapsulation

Embedding substances
RT Embedding
Encapsulation
BT Potting compounds

Embezzlement
BT Theft+

Embolism
UF Embolus
UFC Pulmonary embolism
Thromboembolism
BT Cardiovascular diseases+
Obstruction(Physiology)+
NT Gas embolism

Embolus
use Embolism

Embrittlement
UF Caustic embrittlement
RT Brittleness
NT Hydrogen embrittlement

Embryology
RT Embryos
BT Biology+

Embryonated egg technique
UF Chick embryo technique
BT Tissue culture+

Embryos
UFC Fetal membranes
RT Embryology
BT Reproduction(Physiology)+
NT Fetus

Emergencies
RT Accidents
Paramedics
NT Disasters+
National energy crisis

Emergency rations
BT Rations+

Emesis
UF Vomiting
RT Emetics
Vomiting agents
BT Physiology

Emetics
UF Apomorphine
RT Emesis
Rauwolfia alkaloids
BT Drugs

Emetine
use Isoquinoline alkaloids

Emission
RT Emission control
Emitters
NT Acoustic emissions
Electron emission+
Thermionic emission

Emission control
RT Emission
BT Control

Emission spectra
RT Emission spectroscopy
BT Electromagnetic spectra+
NT Electron impact spectra

Emission spectroscopy
RT Emission spectra
BT Spectroscopy
NT Quantum beats
Selection rules(Physics)

Emissivity
The ratio of the radiation emitted by a surface to the radiation emitted by a blackbody at the same temperature and under similar conditions.
RT Emissometers
Emittance
BT Surface properties+
Thermophysical properties+

Emissometers
RT Emissivity
BT Measuring instruments+

Emittance
RT Emissivity
NT Spectral emittance

Emitters
RT Emission
NT Cathodes(Electron tubes)+

Emodin
use Cathartics

Emollients
use Ointments

Emotions
BT Behavior+
NT Anxiety
Fear
Frustration

Emphysema
RT Tobacco smoking
BT Respiratory diseases+

Emplacement
RT Position(Location)
BT Passive defense+

Employee relations
Relationships between employers and employees or among employees.
RT Employment
BT Industrial relations

Employment
RT Employee relations
Equal employment opportunity
Unemployment
BT Manpower utilization+

Emulsions
RT Slurries
Solutions(Mixtures)
BT Dispersions
NT Photographic emulsions

Emulsions(Photography)
use Photographic emulsions

Enamels
RT Paints
BT Coatings

Enantiomers
(1-JAN-1998)
Crystalline or chemical isomers with mirrored optical properties.
UF Enantiomorphs
RT Optical properties
BT Isomers+

Enantiomorphs
use Enantiomers

Encapsulation
Enclosure of devices or materials in protective covering, such as gelatin capsules, generally providing sealing action to segregate the devices or materials from surrounding environments. Excludes potting or other embedments that are generally inseparable from the devices embedded.
RT Embedding
Embedding substances
Housings
Packaging
NT Potting

Encephalitis
UFC Encephalitis viruses
BT Nervous system diseases+
NT Japanese encephalitis

Encephalitis viruses
use all Arboviruses
Encephalitis

Encephalograms
BT X ray diagnostics+

Encephalomyocarditis infections
BT Infectious diseases+

Encoders
use Coders

Encoding
use Coding

Encyclopedias
BT Documents

End items
(1-NOV-1980)
A final combination of end products, component parts, or materials which is ready for its intended use; for example: ship, tank, mobile machine shop, or aircraft.

End mill
RT End milling
BT Milling machines+

End milling
RT End mill
BT Surface finishing+

End on orientation
BT Orientation(Direction)

End organs
UF Interoceptors
Neurotendinous spindles
Pacinian corpuscles
Pressoreceptors
Proprioceptors
RT Proprioception
BT Sense organs+
NT Chemoreceptors
Photoreceptors+

End seals
BT Seals(Stoppers)

Endangered species
(1-NOV-1980)
Fauna likely to become extinct due to the vulnerability arising from pressure on highly specialized habitats or direct exploitation by men, or threat from other species, or by a combination of inhibiting and destructive factors.
BT Wildlife+

Endoatmosphere
BT Planetary atmospheres+

Endocardium
RT Pericardium
BT Heart+
Membranes(Biology)+

Endocrine glands
UF Ductless glands
RT Endocrinology
Hormones
BT Glands+
NT Adrenal glands+
Parathyroid glands
Pituitary gland
Thymus
Thyroid gland

Endocrinology
RT Endocrine glands
Glands
BT Medicine+
NT Chalones

Endometriosis
(1-MAY-1983)
The presence of endometrial tissues in abnormal locations, including the uterine wall, ovaries, or extragenital sites.
RT Uterus
BT Neoplasms+

Endorphins
(1-OCT-1991)
Brain secreted neurotransmitter peptides with morphine-like actions.
BT Analgesics+
Neurotransmitters+
Peptides+

Endoscopy
BT Medical examination+

Endothelium
RT Blood vessels
BT Tissues(Biology)

Endothermic reactions
RT Exothermic reactions
BT Chemical reactions+

Endotoxemia
BT Blood diseases+
Toxemia+

Endotoxic shock
RT Endotoxins
BT Shock(Pathology)+

Endotoxins
RT Endotoxic shock
BT Toxins and antitoxins

Endurance(General)
NT Endurance(Physiology)

Endurance(Physiology)
BT Endurance(General)
Stress(Physiology)+

Endurance limit(Mathematics)
use Statistical analysis

Enemy
NT Enemy personnel+

Enemy personnel
BT Enemy
Personnel
NT Terrorists

Energetic properties
RT Energy
BT Physicochemical properties+
NT Energy density

Energizing
use Activation

Energy
RT Energetic properties
Energy storage
NT Activation energy
Electron energy
Free energy
High energy
Kinetic energy
Low energy
Mechanical energy
Nuclear energy
Photothermal energy
Potential energy+
Reserves(Energy)
Surface energy
Thermonuclear energy

Energy absorbers
RT Damping
BT Absorbers(Equipment)
NT Shock absorbers

Energy bands
RT Energy gaps
NT Band gaps
Conduction bands
Valence bands

Energy conservation
RT Energy consumption
BT Energy management+

Energy consumption
RT Energy conservation
BT Consumption

Energy conversion
RT Electromechanical converters
BT Conversion

Energy conversion (cont.)
NT Biomass conversion

Energy density
(1-APR-1998)
BT Energetic properties+

Energy exchange
use Energy transfer

Energy gaps
RT Energy bands
BT Energy levels
NT Band gaps

Energy levels
NT Atomic energy levels+
Energy gaps+
Molecular energy levels
Nuclear energy levels

Energy management
BT Management
NT Energy conservation

Energy storage
RT Energy
Storage batteries
BT Storage+

Energy transfer
UF Energy exchange
RT Heat transfer
BT Transfer

Enewetak Atoll
(1-DEC-1984)
UF Eniwetok Atoll
BT Atolls+
Marshall Islands+

Engine air systems components
BT Engine components+
NT Air ejectors
Aircraft engine ducts
Induction systems
Jet engine inlets+
Turbojet inlet screens

Engine clusters
BT Rocket engines+

Engine components
BT Engines
NT Aircraft engine cowlings
Combustion chamber liners
Connecting rods
Crankcases+
Distributors
Engine air systems components+
Engine cylinders
Engine fuel systems components+
Engine mufflers
Engine starters
Flywheels

Engine components (cont.)
Ignition circuits
Piston rings
Pistons

Engine cylinders
BT Engine components+

Engine fuel systems components
BT Engine components+
Fuel systems
NT Carburetors+
Fuel injectors

Engine generator sets
(1-DEC-1984)
Electrical supply system in which electrical power for a vehicle is supplied by an engine driven generator as independent source.
BT Electric power plants

Engine mounts
BT Mounts+

Engine mufflers
RT Engine noise
BT Engine components+
Mufflers+

Engine nacelles
BT Nacelles
NT Jet engine nacelles

Engine noise
RT Engine mufflers
BT Noise(Sound)+
NT Aircraft engine noise
Internal combustion engine noise
Jet engine noise
Rocket engine noise

Engine primers
BT Fuels

Engine starters
RT Ignition
BT Engine components+

Engine surge

Engine valves
BT Valves
NT Poppet valves

Engineering
RT Engineers
NT Aeronautical engineering+
Automotive engineering
Bioengineering+
Chemical engineering
Civil engineering+
Earthquake engineering+
Electrical engineering+
Engineering geology

Engineering (cont.)
Environmental engineering
Human factors engineering+
Industrial engineering+
Management engineering+
Marine engineering+
Mechanical engineering
Medical engineering
Military engineering
Mining engineering+
Nuclear engineering+
Sanitary engineering+
Structural engineering+
Systems engineering+
Value engineering+

Engineering drawings
BT Documents
NT Mechanical drawing

Engineering geology
BT Engineering
Geology+

Engineers
RT Engineering
BT Personnel
NT Automotive engineers
Human factors engineers
Marine engineers+
Military engineers+

Engines
NT Air breathing engines+
Aircraft engines+
Electric engines+
Engine components+
Gas generator engines
Gas turbines
Heat engines+
Jet engines+
Marine engines+
Multifuel engines
Multipulse engines
Piston engines+
Rocket engines+
Tank engines
Tractor engines
Variable cycle engines

Engle condition
use Groups(Mathematics)

English Channel
BT Straits+

English language
BT Language+

Engraving
RT Etching
NT Photoengraving

Enhancement
use Augmentation

Eniwetok Atoll
use Enewetak Atoll

Enlisted personnel
BT Military personnel+
NT Noncommissioned officers
Specialists

Enlistment
use Recruiting

Enriched fuel reactors
RT Reactor fuel enrichment
BT Nuclear reactors

Enrichment
NT Reactor fuel enrichment

Entamoeba histolytica
BT Amoeba+

Enteric bacteria
BT Bacteria+

Enterobacteriaceae
BT Eubacteriales+
NT Aerobacter+
Coliform bacteria+
Escherichia+
Klebsiella+
Proteus+
Salmonella+
Serratia+
Shigella+
Yersinia pestis
Yersinia pseudotuberculosis

Enterobius
BT Nematoda+

Enteropathogens
BT Pathogenic materials

Enterotoxins
BT Toxins and antitoxins

Enteroviruses
BT Picornaviruses+
NT Coxsackie virus
Echoviruses
Polioviruses

Enthalpy
BT Thermodynamics

Entire functions
use Functions(Mathematics)

Entomology
RT Insects
BT Zoology+

Entrainment
RT Aeration
NT Air entrainment

Entropy
RT Thermal pollution
BT Thermodynamics

Entry control systems
(1-OCT-1992)
RT Atmosphere entry
Flight control systems

Enumeration theory
use Combinatorial analysis

Envelope(Space)
BT Space(Room)
NT Flight envelope

Environmental engineering
RT Environmental impact
Environmental management
Environmental protection
BT Engineering

Environmental impact
(1-SEP-1981)
Predetermination of the extent of pollution or environmental degradation.
RT Environmental engineering
Environmental impact statements

Environmental impact statements
RT Environmental impact

Environmental law
(1-APR-1998)
RT Environmental protection
BT Legislation

Environmental management
RT Environmental engineering
BT Management

Environmental protection
RT Environmental engineering
Environmental law
BT Protection

Environmental psychologists
BT Psychologists+

Environmental tests
RT Adverse conditions
BT Test methods+
NT Cold weather tests
Desert tests
Liquid immersion tests
Salt spray tests
Sea testing
Tropical tests

Environments
RT Habitability
Habitats
NT Aerospace environments+
Confined environments
Electromagnetic environments
Induced environments+
Ocean environments+

Enzootic
(1-MAY-1983)
A disease affecting animals in limited geographic regions.
RT Epizootic
BT Diseases

Enzyme antagonists
use Antimetabolites

Enzyme chemistry
RT Enzymes
BT Biochemistry+

Enzyme inhibitors
RT Enzymes
BT Inhibitors
NT Cholinesterase inhibitors+
Serine

Enzyme precursors
UF Chymosinogen
Pepsinogen
Plasminogen
Preenzymes
Proenzymes
Profibrinolysin
Prorennin
Trypsinogen
BT Enzymes
NT Prothrombin

Enzymes
RT Enzyme chemistry
Enzyme inhibitors
NT Adenyl cyclase
Coenzymes+
Collagenase
Dehydrogenases+
Dextransucrase
Enzyme precursors+
Esterases+
Glucanases
Hydrolases+
Isomerases+
Isozymes+
Ketoacid lyases
Luciferase
Lyases+
Mucolytic enzymes
Nuclease
Oxidoreductases+
Pepsins
Phosphorylases
Saccharidases
Transferases+

Eosinophils
BT Leukocytes+

Ephemerides
UF Ephemeris
BT Tables(Data)+

Ephemeris
use Ephemerides

Epicenters
BT Earthquakes+
Geographic areas

Epidemiology
RT Infectious diseases
BT Medicine+

Epidermis
(1-MAY-1983)
The superficial portion of the skin, composed of a horny layer (stratum corneum) and a living, cellular part in layers named from outside inward: The stratum lucidum (when present), the stratum granulosum, the stratum spinosum, and the stratum germinativum. Skin is composed of dermis and epidermis.
BT Skin(Anatomy)+

Epilepsy
BT Convulsive disorders+

Epimerases
use Racemases and epimerases

Epinephrine
RT Adrenal glands
BT Catecholamines+
NT Norepinephrine

Epitaxial growth
BT Crystal growth+
NT Atomic layer epitaxy
Liquid phase epitaxy
Molecular beam epitaxy

Epithelium
BT Skin(Anatomy)+
Tissues(Biology)

Epizootic
(1-MAY-1983)
Affecting many animals of one kind in one region simultaneously; widely diffused and rapidly spreading.
RT Enzootic
BT Diseases

Epoxidation
RT Epoxy compounds
BT Oxidation+

Epoxy coatings
BT Coatings
Epoxy compounds+
NT Epoxy laminates

Epoxy composites
(1-SEP-1981)
Composite materials or structures in which the binding material is epoxy compound, reinforced with various kinds of fibers, cast, layed-up or molded in various shapes.
BT Composite materials+
Epoxy compounds+
NT Graphite epoxy composites

Epoxy compounds
RT Epoxidation
BT Oxygen heterocyclic compounds+
NT Epoxy coatings+
Epoxy composites+
Epoxy resins
Oxetanes

Epoxy laminates
BT Epoxy coatings+
Laminates+

Epoxy resins
BT Epoxy compounds+
Thermosetting plastics+

Epstein Barr Virus
(1-JAN-1998)
BT Herpetic viruses+

Equal employment opportunity
(1-OCT-1994)
RT Employment
BT Personnel management+

Equalization

Equations
UF Secular equations
RT Formulas(Mathematics)
BT Mathematics
NT Boltzmann equation
Differential equations+
Equations of motion+
Equations of state
Hugoniot equations
Integral equations+
Lanchester equations
Liouville equation
Simultaneous equations

Equations of motion
UF Motion equations
BT Equations+
NT Navier Stokes equations

Equations of state
UF State equations
RT Phase transformations
BT Equations+

Equatorial orbits
BT Orbits+

Equatorial regions
BT Tropical regions+

Equilibrators
use Stabilization systems

Equilibrium(General)
NT Equilibrium(Physiology)

Equilibrium(Physiology)
BT Equilibrium(General)
Physiology

Equine encephalomyelitis virus
UF Borna diasease
BT Group A arboviruses+
NT Eastern equine encephalomyelitis virus
Venezuelan equine encephalomyelitis virus
Western equine encephalomyelitis virus

Equines
UF Burros
Donkeys
BT Mammals+
NT Horses

Equivalent circuits
RT Network analysis(Management)
BT Circuits+

Erasure
RT Elimination
BT Removal

Erbium
RT Erbium compounds
BT Rare earth elements+

Erbium compounds
RT Erbium
BT Rare earth compounds+

Ergodic processes
(1-MAY-1983)
Property of a system or process in which averages computed from a data sample over time converge, in a probabilistic sense, to ensemble or special averages.
UF Ergodicity
RT Information theory
Stochastic processes

Ergodicity
use Ergodic processes

Ergometers
RT Dynamometers
BT Measuring instruments+

Ergonomics
BT Human factors engineering+
NT Workplace layout

Ergot alkaloids
RT Lysergic acids
BT Indole alkaloids+

Ermines
(1-SEP-1981)
Species of the weasel (mustelidae) which inhabit the northern regions and have white fur during the winter.
RT Weasels

Erosion
The carrying away of surface materials, as of the earth's crust by running water or rocket motor nozzles by exhaust flames. For deliberate permission of erosion to counteract heating, see Ablation.
RT Weathering
BT Wear
NT Erosion resistance
Soil erosion+
Sputtering
Water erosion+
Wind erosion

Erosion resistance
RT Shore protection
Wear resistance
BT Erosion+
Resistance

Erosive burning
BT Combustion+

Error analysis
RT Error correction codes
Errors
BT Numerical analysis+

Error correction codes
RT Error analysis
Error detection codes
Errors
BT Coding+
Corrections

Error detection codes
RT Error correction codes
Errors
BT Coding+

Error functions
use Special functions(Mathematics)

Errors
UF Mistakes
RT Accuracy
Corrections
Error analysis
Error correction codes
Error detection codes

Erythema
(1-MAY-1983)
A redness of the skin occuring in patches of variable size and shape. It can have a variety of causes, such as heat, certain drugs, ultraviolet rays, and ionizing radiation.
BT Skin diseases+

Erythrocytes
BT Blood cells+
NT Erythropoiesis
Sickle cells

Erythromycin
BT Antibiotics+

Erythropoiesis
BT Bone marrow+
Erythrocytes+

Erythropoietins

Esaki diodes
use Tunnel diodes

Escape(Abandonment)
use Abandonment

Escape(Evasion)
use Evasion

Escape capsules
RT Ejection seats
BT Escape systems

Escape systems
RT Bailout
Jettisonable cockpits
NT Escape capsules
Submarine escape

Escape velocity
BT Velocity+

Eschar
BT Tissues(Biology)

Escherichia
BT Enterobacteriaceae+
NT Escherichia coli

Escherichia coli
BT Coliform bacteria+
Escherichia+

Escort missions
(1-JUN-1989)
Men and equipment assigned to accompany and protect another force, convoy, etc.
RT Escort ships
BT Missions

Escort ships
UFC Aircraft carrier escorts
RT Escort missions
BT Naval vessels(Combatant)+
NT Destroyer escorts

Esophagus
BT Digestive system+

ESP
use Parapsychology

Esparto fibers
use Fibers

Espionage
BT Military intelligence+
Subversion+

Esterases
BT Enzymes
Hydrolases+
NT Carboxylic ester hydrolases+
Phosphodiesterase
Phosphoric monoester hydrolases+

Esters
BT Organic compounds
NT Acrylates+
Ascorbates
Benzoates+
Butyrates
Carbamates+
Cellulose esters+
Cholesteryl esters
Citrates+
Cyanates+
Diazinon
Fatty acid esters
Formates
Glycerides+
Lactates
Laurates+
Malathion
Malonates
Nitroglycerin
Oleates
Oxalates
Oxylates
PETN
Phosphinates
Phosphonates

Esters (cont.)
Phthalates
Propionates
Stearates
Succinates
Sulfamates
Sulfinates
Sulfonates
Tartrates
Urethanes

Estimates
RT Allocations
Maximum likelihood estimation
NT Cost estimates

Estimators variability
use Statistical analysis

Estonia
BT Baltic countries+

Estrogens
UF Hexestrol
Stilbestrol derivatives
BT Sex hormones+
NT Stilbestrol

Estrous cycle
BT Fertility+
NT Menstruation
Ovulation

Estuaries
RT Harbors
BT Coastal regions+
Waterways+
NT Chesapeake Bay
Puget Sound
San Francisco Bay

Etched crystals
BT Crystals+

Etching
RT Engraving
NT Reactive ion etching

Ethanal
use Acetaldehyde

Ethanes
BT Alkanes+
NT Chloroethanes+

Ethanolamine
BT Amines+

Ethanols
BT Alcohols+

Ethers
RT Anesthetics
BT Organic compounds
NT Aryl ethers+

Ethers (cont.)
Cellulose ethers+
Crown ethers
Ethyl ethers
Glycidyl ether
Methylal
Polyethers

Ethics
BT Humanities

Ethiopia
BT Communist countries+
East Africa+

Ethmoid sinus
use Paranasal sinuses

Ethnic cleansing
use Sectarian violence

Ethnic groups
RT Ethnography
BT Anthropology+
Sociology+
NT Africans+
American Indians
Arabs+
Filipinos
Hispanics
Israelis
Jews

Ethnography
RT Ethnic groups
BT Anthropology+

Ethnology
use Anthropology

Ethyl cellulose
BT Cellulose ethers+

Ethyl centralite
BT Urea+

Ethyl ethers
BT Ethers+

Ethyl nitrite
BT Nitrites+

Ethyl radicals
BT Alkyl radicals+

Ethylene
BT Alkenes+
Ethylenes+
NT Polyethylene+
Trichloroethylene

Ethylene glycol
BT Glycols+

Ethylene oxide
BT Oxides+

Ethylenediamine
BT Amines+

Ethylenedinitrilo tetraacetates
BT Acetates

Ethyleneimines
BT Imines+

Ethylenes
BT Alkenes+
NT Ethylene+
Tetracyanoethylene

Etiology
RT Diseases
BT Clinical medicine+
NT Disease vectors

Eubacteriales
UF Achromobacteriaceae
BT Bacteria+
NT Azotobacteraceae+
Bacillaceae+
Brucellaceae+
Corynebacteriaceae+
Enterobacteriaceae+
Lactobacillaceae+
Micrococcaceae+
Neisseriaceae+

Eucoccidia
BT Sporozoa+
NT Coccidium

Eucryptite
BT Spodumene+

Euglenophyta
use Algae

Euler angles
BT Angles

Euler equations
(1-OCT-1992)
The mathematical expression for the motion of a fluid in which the behavior and properties of the fluid are described at fixed points in the coordinate system.
BT Computational fluid dynamics+

Euphotic zones
(1-NOV-1980)
The open water zone of the ocean corresponding to the limnetic zone of a lake. The zone has sufficient sunlight to support photosynthesis and a considerable population of photoplankton. Lower border is frequently quoted as 200 meters in

Euphotic zones (cont.)
depth. Below euphotic zone is the abyssal zone.
BT Ocean environments+

Eurasia
(1-SEP-1982)
Europe and Asia considered as a single continental mass.
BT Geographic areas
NT Asia+
CIS+
Europe+

Europe
BT Eurasia+
NT Central Europe+
Eastern Europe+
Northern Europe
Southern Europe
Western Europe+

European communities
(1-OCT-1991)
Collective designation for the European Economic Community (formerly Common Market), the European Coal and Steel Community, and the European Atomic Energy Community.
BT Political alliances+
NT Belgium
Denmark+
France
Germany+
Greece
Ireland
Italy+
Luxembourg
Netherlands
Portugal
Spain+
United Kingdom

Europium
RT Europium compounds
BT Rare earth elements+

Europium compounds
RT Europium
BT Rare earth compounds+

Eutectic composites
RT Eutectics
BT Composite materials+
Metal matrix composites+

Eutectics
RT Eutectic composites
Soldering alloys
BT Metallurgy+

Euthanasia
RT Death
Homicide

Eutrophication
BT Ecology

Evacuation
RT Abandonment
NT Medical evacuation+

Evanescent waves
BT Waves

Evaporation
The change from the liquid or solid state to a gas. For the intentional production of vapor, see Vaporization.
RT Air water interactions
Evaporators
Evapotranspiration
BT Phase transformations+
Vaporization+
NT Boiloff

Evaporators
Devices for separating constituents of solutions by vaporization of the solvent.
RT Evaporation
BT Drying apparatus+

Evapotranspiration
The total amount of water transferred from the earth to the atmosphere.
RT Evaporation
BT Transpiration

Evasion
UF Escape(Evasion)
BT Unconventional warfare+

Even even nuclei
BT Nuclei

Even odd nuclei
BT Nuclei

Everglades
BT Florida+

Evolution(Biology)
BT Evolution(General)

Evolution(Development)
BT Evolution(General)
NT Stellar evolution

Evolution(General)
NT Evolution(Biology)
Evolution(Development)+
Gas evolution

Exactness
use Precision

Excavation
UF Digging
RT Construction
NT Ditches
Foxholes
Rapid excavation
Sumps
Trenching
Tunneling

Exceedences
use Statistical analysis

Excess reactivity
use Reactor reactivity

Exchange

Exchange reactions
BT Chemical reactions+

Excimers
(1-NOV-1980)
A molecular complex found in certain high-pressure gases where the excited state is bound and the ground state is either totally unbound or only weakly bound.
RT Electron transitions
BT Lasers+
NT Oxygen iodine lasers

Excision
UFC Castration
Nephrectomy
Splenectomy
Thyroidectomy
BT Surgery+
NT Amputation
Biopsy
Iridectomy
Mastectomy

Excitation
Transfer of an atomic nucleus, atom, or molecule from the ground state to a higher energy state. For electron loss by excitation, see Ionization.
RT Activation
Metastable state
Stimulation(General)

Exciters
BT Radiofrequency generators+

Excitons
RT Electrons
BT Elementary particles+

Excretion
RT Perspiration
Urine
BT Physiology

Executive routines
BT Computer programs

Executives
BT Management personnel+

Exercise(Physiology)
RT Locomotion
Physical fitness
Swimming
Treadmills
Walking
BT Physiology

Exercise heads
UF Dummy warheads
BT Warheads+

Exfoliation
BT Separation

Exhalation
RT Inhalation
BT Respiration+

Exhaust diffusers
BT Diffusers
Exhaust systems

Exhaust fairings
BT Exhaust systems
Fairings

Exhaust flames
BT Flames+

Exhaust gas ejectors
use all Exhaust nozzles
Jet pumps

Exhaust gas turbines
use Turbosuperchargers

Exhaust gases
RT Flue gases
Waste gases
BT Combustion products
Gases+
NT Aircraft exhaust
Automobile exhaust
Fumes
Jet engine exhaust
Plumes+
Rocket exhaust

Exhaust manifolds
use all Exhaust systems
Manifolds(Engines)

Exhaust nozzles
UFC Exhaust gas ejectors
BT Exhaust systems
Nozzles
NT Rocket nozzles
Thrust augmentor nozzles
Exhaust nozzles (cont.)
Turbojet exhaust nozzles
Turboprop exhaust nozzles

Exhaust pipes
BT Exhaust systems
Pipes

Exhaust plumes
RT Rocket exhaust
BT Plumes+

Exhaust systems
UFC Exhaust manifolds
RT Blowers
NT Exhaust diffusers
Exhaust fairings
Exhaust nozzles+
Exhaust pipes
Exhaust valves
Mufflers+

Exhaust trails
use Condensation trails

Exhaust valves
BT Exhaust systems
Valves

Exhaustion(Psychological)
RT Fatigue(Physiology)
Stress(Psychology)

Exiles
use Refugees

Exits
RT Doors

Exits(Doors)
use Doors

Exoatmosphere
use Exosphere

Exoskeleton
RT Arthropoda
Invertebrates
BT Skeleton+

Exosphere
Above about 800 KM.
UF Exoatmosphere
BT Upper atmosphere+

Exothermic reactions
RT Endothermic reactions
BT Chemical reactions+
NT Fermentation

Exotoxins
BT Toxins and antitoxins

Expandable nozzles
use Variable area nozzles

Expandable structures
RT Expansion
Extendable structures
Inflatable structures
BT Structures

Expanded plastics
UF Cellular plastics
Foamed plastics
Plastic foams
Sponge plastics
BT Plastics+

Expansion
RT Expandable structures
Expansion joints
NT Thermal expansion+

Expansion joints
RT Expansion
BT Joints

Expendable

Experimental animals
use Laboratory animals

Experimental data
BT Laboratory procedures+

Experimental design
UF Design of experiments
BT Statistical analysis+
NT Reverse engineering

Experimental psychology
(1-DEC-1984)
The study of psychological phenomena by experimental methods.
BT Psychology+

Expert systems
(1-SEP-1990)
Computer programs comprising a knowledge-based component, constructed from an expert skill, operating in such a way that the system can offer intelligent advice or make an intelligent decision about a processing function.
BT Artificial intelligence+
Computer programs
NT Knowledge based systems
Rule based systems

Exploders
BT Fuzes(Ordnance)+
NT Torpedo exploders

Exploding bridgewires
use Exploding wires

Exploding wires
UF EBW
Exploding bridgewires
BT Electric igniters+

Explosion bubbles
BT Bubbles
Explosion effects+

Explosion effects
RT Demolition
BT Explosions
NT Blast+
Explosion bubbles

Explosion gases
BT Gases+

Explosions
RT Accidents
Blast loads
Explosives
NT Airburst+
Detonations+
Dust explosions
Explosion effects+
Implosions
Multibursts
Nuclear explosions+
Surface burst
Underground explosions
Underwater explosions

Explosive actuators
BT Actuators
Explosive trains+
NT Propellant actuated devices+

Explosive bolts
BT Bolts+

Explosive bonding
use Explosive welding

Explosive cables
use Detonating cord

Explosive charges
UF Charges(Explosives)
BT Explosives
NT Bursting charges
Demolition charges
Depth charges+
Destructors
Detonating cord
Powder bags
Propelling charges+
Shaped charges+
Spotting charges
Zone charges

Explosive D
use Ammonium picrate

Explosive decomposition
BT Decomposition+

Explosive decompression
RT Implosions
BT Decompression

Explosive forming
BT High energy rate forming+

Explosive gases
Gases that can be detonated or ignited to produce explosions.
BT Explosives
Gases+

Explosive ordnance disposal
RT Ordnance disposal tools
BT Disposal

Explosive trains
UF Propellant trains
Trains(Explosive)
BT Ammunition components+
NT Boosters(Explosives)+
Delay elements(Explosive)
Explosive actuators+
Explosives initiators+

Explosive warheads
BT Warheads+

Explosive welding
UF Explosive bonding
BT Pressure welding+

Explosives
RT Explosions
NT Aluminized explosives
Amatex
Amatol
Ammonium picrate
Ballistite
Black powder
Cyclotol
DNT
Explosive charges+
Explosive gases
Fuel air explosives
Fulminates
High explosives+
HMX
Insensitive explosives
Liquid explosives
Nitroglycerin
Pentolite
PETN
Plastic bonded explosives
Plastic explosives
RDX
Sheet explosives
Slurry explosives

Explosives (cont.)
Tetryl
Torpex
Tritonal explosives+

Explosives detection
RT Mine detection
Ordnance locators
Torpedo detection
BT Detection
NT Nuclear explosion detection

Explosives initiators
The first element of an explosive train which, upon proper mechanical or electrical impulse, produces a burning or detonating action.
UF Electroexplosive devices
Initiators
Squibs
RT Mine boosters
Mine fuzes
Styphnates
BT Explosive trains+
Igniters+
NT Detonators+
Primers+

Exponential assemblies
use Subcritical assemblies

Exponential functions
BT Special functions(Mathematics)+

Exports
RT Imports
BT International trade+

Exposure(General)
NT Exposure(Physiology)

Exposure(Physiology)
RT Exposure suits
Frostbite
BT Exposure(General)

Exposure meters
BT Camera components+
Photometers+

Exposure suits
RT Exposure(Physiology)
BT Protective clothing+

Expulsion
NT Positive expulsion+

Expulsion bladders
BT Bladders+
Positive expulsion+

Extendable structures
RT Expandable structures
BT Structures

Extended range projectiles
BT Projectiles+

Extender mechanisms
use Arming devices

Extensometers
Instruments for measuring minute deformations of test specimens under stress.
RT Extensometry
BT Measuring instruments+

Extensometry
RT Extensometers
BT Measurement

Exterior ballistics
BT Ballistics
NT Indirect fire

Exterior differential systems
use Differential geometry

External
RT Internal

External burning
BT Combustion+

External combustion engines
UF Sterling engines
RT Stirling cycle
BT Heat engines+
NT Steam engines

External store separation
(1-DEC-1984)
Separation of pods, external protuberances including jettisonable fuel tanks.
RT External stores
BT Separation

External stores
UF Pods(External stores)
UFC Wing tip tanks
RT External store separation

Extinction
RT Extinguishing

Extinguishers
use Fire extinguishers

Extinguishing
RT Extinction
Quenching

Extraction
BT Removal
Separation
NT Leaching

Extrapolation
RT Interpolation
BT Numerical analysis+

Extrasensory perception
use Parapsychology

Extraterrestrial bases
Bases established on astronomical bodies for purposes of exploration or as intermediate stations for space travel. For such bases established on space platforms, artifical satellites, etc., see Space stations.
RT Space exploration
Space stations
NT Lunar bases

Extraterrestrial radiation
BT Radiation

Extraterrestrial radio waves
UF Cosmic radio waves
RT Radio sources(Astronomy)
BT Radio waves+
NT Decametric radiation

Extraterrestrial topography
BT Topography
NT Lunar topography

Extravehicular activity
RT Space maintenance
BT Space flight+

Extremal polynomials
use Polynomials

Extremal problems
use Complex variables

Extremely high frequency
30,000 to 300,000 MHz.
BT Microwave frequency+
NT F band
M band
Q band
V band
W band

Extremely low frequency
3-3000 Hz.
BT Radiofrequency+

Extremities
UF Limbs
RT Appendages
Artificial limbs
BT Anatomy+
NT Arms(Anatomy)+
Feet
Hands+
Legs+

Extrusion
RT Pultrusion
BT Material forming+

Exudation
RT Perspiration
Transpiration

Eye
UFC Artificial eyes
Choroid
Compound eye
Glass eyes
Microphthalmia
Ocular prostheses
Strabismus
RT Blindness
Eye diseases
Head(Anatomy)
Lacrimal glands
BT Sense organs+
NT Cornea
Eye movements+
Eye pigments+
Fovea
Lens(Eye)
Retina+

Eye banks
use Genetic tissue identification

Eye diseases
RT Eye
BT Diseases
NT Astigmatism+
Blindness+
Cataracts
Conjunctivitis
Glaucoma
Optic neuritis
Retinopathy
Trachoma
Visual defects

Eye movements
RT Oculometers
BT Eye+
NT Rapid eye movement in sleep

Eye pigments
UF Iodopsin
Retinene
Rhodopsin
BT Eye+
Organic pigments+
NT Iris

Eye safety
(1-OCT-1991)
RT Eyeglasses
Goggles
BT Safety

Eyeglasses
UF Glasses
RT Eye safety
BT Optical lenses+

E-functions
use Special functions(Mathematics)

F

F band
BT Extremely high frequency+

F centers
use Color centers

F region
BT Ionosphere+
NT Spread f

Faber's polynomials
use Polynomials

Fabrication
RT Construction
Manufacturing
NT Assembly
Installation
Machine shop practice+
Prefabrication
Spray forming

Fabrics
UF Cloth
RT Clothing
Mesh
Selvage
BT Textiles
NT Braids
Elastic webbing
Felts
Knitted fabrics
Nets+
Parachute fabrics

Fabry Perot interferometers
An interferometer having two-parallel glass plates (whose separation of a few centimeters may be varied) silvered on their inner surfaces so that the incoming wave is multiply reflected between them and is ultimately transmitted.
BT Optical interferometers+

Face(Anatomy)
BT Head(Anatomy)+
NT Bucca
Mouth+
Nose(Anatomy)

Faceplates
BT Plates

Facilities
NT Military facilities+
Parking facilities
Research facilities+
Shower facilities
Stations+
Terminal flight facilities+
Test facilities+
Underground facilities

Facings

Facsimile communications
(1-SEP-1981)
A system of communication in which a transmitter scans a photograph, map or other fixed photographic material and converts the information into signal waves for transmission by wire or radio to a facsimile receiver at a remote point.
RT Facsimile equipment
BT Communication and radio systems
NT Facsimile recording systems
Facsimile transmission
Microfacsimile

Facsimile equipment
RT Facsimile communications
BT Communication equipment
NT Facsimile recording systems

Facsimile recording systems
BT Facsimile communications+
Facsimile equipment+

Facsimile transmission
BT Facsimile communications+

Factor analysis
UF Principal component analysis
Probit analysis
Successive intervals method
RT Degrees of freedom
Regression analysis
BT Statistical analysis+

Factorial design
RT Mathematical models
BT Combinatorial analysis+

Factorial experiments
use Combinatorial analysis

Factories
use Industrial plants

Fading(Electromagnetic waves)
RT Transmission loss

Fail safe
RT Fault tolerance
BT Safety

Failure
BT Malfunctions
NT Failure(Electronics)
Failure(Mechanics)+
Fracture(Mechanics)+

Failure(Electronics)
RT Downtime
BT Failure+

Failure(Mechanics)
RT Degradation
BT Failure+
Mechanics
NT Buckling
Collapse
Disintegration
Rupture

Fainting
use Syncope

Fairbanks(Alaska)
BT Alaska+
Urban areas+

Fairings
Structures that provide smooth outlines, so as to reduce drag, e.g., on aircraft or ships.
UFC Mine fairings
RT Aerodynamic configurations
Hydrodynamic configurations
NT Cable fairings
Exhaust fairings
Jet engine fairings
Propeller cuffs
Spinners

Falkland Islands
(1-DEC-1984)
British colony in the South Atlantic Ocean also claimed by Argentina; includes East and West Falkland.
BT Atlantic Ocean Islands+

Falling bodies
BT Bodies

Fallout
UF Radioactive fallout
RT Fallout shelters
BT Radioactive contamination+

Fallout shelters
RT Fallout
BT Shelters+

False alarms
BT False signals+
Warning systems+

False ogives
use Projectile caps

False signals
BT Signals
NT False alarms
False targets

False targets
BT False signals+
Targets

Families(Human)
(1-SEP-1981)
A group of persons who form a household under one head, including parents, children, servants, etc.
RT Marriage
BT Sociology+
NT Family members

Family members
(1-DEC-1984)
UFC Military dependents
BT Families(Human)+
Personnel

Fan blades
RT Fans
BT Blades

Fan out circuits
BT Logic circuits+

Fanjets
use Turbojet engines

Fanlift devices
use Lift fans

Fans
RT Fan blades
BT Blowers+
NT Axial flow fans+
Cooling fans
Ducted fans
Lift fans
Ventilation fans

Far East
BT Asia+
NT China+
Japan+
Korea+
Mongolia
Nepal
Taiwan

Far field
RT Near field
BT Electromagnetic fields+

Far infrared radiation
BT Infrared radiation+

Far ultraviolet radiation
BT Ultraviolet radiation+
NT Vacuum ultraviolet radiation

Faraday effect
RT Magnetooptics
BT Optical properties+

Farm animals
use Livestock

Farm crops
RT Alfalfa
Farms
BT Plants(Botany)+
NT Banana plants
Barley
Bean plants
Corn
Cotton
Sorghum
Soybeans
Wheat

Farms
RT Farm crops
Livestock
BT Agriculture
NT Dairy equipment
Orchards
Rice paddies

Faroe Islands
BT Atlantic Ocean Islands+
Denmark+

Fascia
BT Connective tissue+

Fast fission factor
RT Fission
BT Reactor lattice parameters+

Fast Fourier transforms
BT Fourier transformation+

Fast neutrons
BT Neutrons+
Nuclear radiation+

Fast reactors
BT Nuclear reactors

Fastenings
RT Hangers
Holders
Joining
NT Bolts+

Fastenings (cont.)
Grommets
Hooks
Locking fastener devices+
Lugs
Nails(Fasteners)
Nuts(Fastenings)
Pins+
Screws+
Slings
Splines
Tiedown devices
Zippers

Fasting
use Food deprivation

Fat cells
RT Fats
BT Cells(Biology)+

Fathometers
use Depth indicators

Fatigue
NT Fatigue(Mechanics)+
Fatigue(Physiology)

Fatigue(Mechanics)
RT Fracture(Mechanics)
Notch sensitivity
Stress corrosion
BT Fatigue
Mechanical properties+
NT Fatigue life
Fatigue tests(Mechanics)
Sonic fatigue
Thermal fatigue

Fatigue(Physiology)
UF Mental fatigue
RT Exhaustion(Psychological)
BT Fatigue
Physiology

Fatigue life
BT Fatigue(Mechanics)+

Fatigue tests(Mechanics)
BT Fatigue(Mechanics)+
Test methods+

Fats
RT Fat cells
Fatty acids
Vegetable oils
BT Food
Lipids
NT Milk fat

Fatty acid esters
RT Fatty acids
BT Esters+

Fatty acids
RT Fats
Fatty acid esters
BT Aliphatic acids+
Carboxylic acids+
NT Acetic acid+
Linoleic acid
Linolenic acid
Lipoic acid
Octanoic acid
Oleic acid
Propionic acid+
Stearic acid

Fauces
use Throat

Fault tolerance
(1-SEP-1990)
The capability of a system to perform its functions in accordance with design specifications even in the presence of internal component failure or undesired external environmental changes.
RT Fail safe
NT Fault tolerant computing

Fault tolerant computing
BT Fault tolerance

Fault tree analysis
BT Fault trees

Fault trees
NT Fault tree analysis

Faults
NT Faults(Geology)

Faults(Geology)
BT Faults
Structural geology+

Fayalite
RT Olivine
BT Silicates+

Fear
RT Neuroses
BT Emotions+

Feasibility studies
RT Cost analysis
NT Reactor feasibility studies

Feathers
BT Organic materials+

Feature extraction
(1-JUN-1997)
RT Pattern recognition
BT Image processing+

Feces

Federal budgets
RT United States government
BT Budgets+

Federal law
BT Legislation

Feed mechanisms
(1-DEC-1984)
Devices by which new supplies are provided when previous supplies are consumed.
NT Ammunition feed mechanisms

Feed pumps
RT Feed water
BT Pumps

Feed water
UF Boiler water
RT Feed pumps
BT Water+

Feedback
RT Closed loop systems
NT Biofeedback

Feedback amplifiers
BT Amplifiers

Feeding
NT Ingestion(Physiology)
Parenteral infusions

Feet
UF Toes
BT Extremities+

Fejer and Riesz inequality
use Inequalities

Fejer polynomials
use Polynomials

Feldspar
BT Igneous rock+
Ores(Nonmetallic)
Rock forming minerals+
NT Plagioclase

Felts
RT Woolen textiles
BT Fabrics+

Females
RT Gynecology
Males
Women
BT Sex+

Femoral arteries
BT Arteries+

Femur
use all Bones
Legs

Fences
BT Barriers+
NT Electric fences
Grilles

Fermentation
BT Exothermic reactions+

Fermi surfaces
RT Electronic states
BT Crystal substructure+

Fermions
BT Elementary particles+
NT Electrons+
Hyperons+
Leptons+
Nucleons+
Positrons

Fermium
RT Fermium compounds
BT Actinide series+
Transuranium elements+

Fermium compounds
RT Fermium
BT Transuranium compounds+

Ferrates
BT Iron compounds+

Ferredoxin
BT Iron organic compounds+
Proteins

Ferret reconnaissance
use Electronic reconnaissance

Ferric compounds
use Iron compounds

Ferries(Water craft)
(1-DEC-1984)
A boat which carries people, automotive vehicles, or goods across a river or other body of water, usually traveling back and forth on a regular schedule.
RT Water traffic
BT Boats

Ferrimagnetism
RT Ferromagnetism
BT Magnetic properties+

Ferrites
BT Magnetic materials
NT Barium ferrites

Ferritin
BT Proteins

Ferroalloys
use Iron alloys

Ferrocement
BT Reinforced concrete+

Ferrocenes
BT Iron organic compounds+
Metallocenes+

Ferroelectric crystals
BT Crystals+
Ferroelectric materials

Ferroelectric domains
RT Ferroelectric materials
Ferromagnetic domains

Ferroelectric materials
RT Ferroelectric domains
NT Ferroelectric crystals

Ferroelectricity
BT Electrical properties+
Electricity

Ferrokinetics
BT Kinetics+

Ferromagnetic domains
RT Ferroelectric domains
Ferromagnetic materials
BT Magnetic domains+

Ferromagnetic films
use all Ferromagnetic materials
Thin films

Ferromagnetic materials
UFC Ferromagnetic films
RT Ferromagnetic domains
BT Magnetic materials
NT Magnetic alloys

Ferromagnetic resonance
BT Magnetic resonance+

Ferromagnetism
RT Antiferromagnetism
Ferrimagnetism
BT Magnetic properties+

Ferromanganese minerals
BT Iron compounds+
Manganese compounds+
Minerals

Ferrous alloys
use Iron alloys

Ferrous compounds
use Iron compounds

Ferrying missions
BT Missions

Fertility
BT Reproduction(Physiology)+
NT Birth+
Estrous cycle+
Pregnancy
Spermatogenesis

Fertilizers
RT Growth substances
BT Agricultural chemistry+

Fetal membranes
use all Embryos
Membranes(Biology)

Fetus
UF Lithopedion
RT Amniocentesis
Placenta
Pregnancy
BT Embryos+

Fevers
UF Hyperpyrexia
RT Antipyretics
Body temperature
BT Pathology+
NT Hemorrhagic fevers+
Lassa fever

Fiber metallurgy
RT Metal fibers
BT Metallurgy+

Fiber optics
The controlled transmission of light longitudinally through bundles of fibers.
UF Fiberscopes
Light pipes
Optical bundles
RT Fiber optics transmission lines
BT Optics

Fiber optics transmission lines
RT Fiber optics
Optical waveguides
BT Transmission lines

Fiber reinforced composites
RT Fiber reinforcement
BT Composite materials+

Fiber reinforcement
RT Fiber reinforced composites
BT Reinforcement(Structures)

Fiberboard
NT Paperboard
Wallboard

Fiberglass
RT Glass fibers
BT Fibers
Glass+

Fiberings
use Algebraic topology

Fibers
UF Esparto fibers
Fibers(Natural)
Ramie fiber
RT Monofilaments
Textiles
NT Asbestos
Carbon fibers
Ceramic fibers
Fiberglass
Glass fibers
Jute
Linters
Metal fibers+
Rubber fibers
Silk
Synthetic fibers+
Viscose
Yarns+

Fibers(Natural)
use Fibers

Fiberscopes
use Fiber optics

Fibrin
RT Blood coagulation
Fibrinogen
Fibroin
BT Blood proteins+

Fibrinogen
RT Blood coagulation
Fibrin
BT Blood proteins+

Fibrinolysin
use Plasmin

Fibrinolysis
RT Blood coagulation
BT Blood chemistry+

Fibroblasts
BT Cells(Biology)+

Fibroin
RT Fibrin
BT Proteins(Simple)+

Fibrosis
RT Tissues(Biology)
BT Diseases

Fibula
(1-JUN-1997)
RT Legs
BT Bones+

Field army
BT Army+
NT Cavalry
Infantry

Field conditions

Field effect transistors
RT Mosfet semiconductors
BT Transistors+
NT High electron mobility transistors

Field emission
RT Field emission tubes
BT Electron emission+

Field emission tubes
RT Field emission
BT Electron tubes+

Field equation
use Partial differential equations

Field equipment
BT Portable equipment+
NT Field wire
Mountain climbing equipment
Tents
Walkie talkies

Field grade officers
(1-SEP-1981)
A military officer of the rank of Colonel, Lieutenant Colonel, or Major and their equivalents.
BT Officer personnel+

Field intensity
BT Intensity

Field ion images
BT Images

Field ion microscopy
BT Microscopy+

Field tests
BT Test methods+

Field theory
Theory of the dynamic motion of electromagnetic or matter fields expressed in terms of wave function, potential, position, and time.
UF Quantized field theory

Field theory (cont.)
BT Theory
NT Linear algebraic equations

Field theory(Algebra)
BT Algebra+

Field wire
RT Cable reels
Field wire communications
BT Field equipment+
Wire

Field wire communications
RT Field wire
BT Communication and radio systems

Fields(Computer programs)
BT Computer programs

Fighter aircraft
BT Military aircraft+
NT Air superiority fighters
Fighter bombers
Jet fighters+

Fighter bombers
BT Bomber aircraft+
Fighter aircraft+
Jet bombers+
Jet fighters+

Figure of merit
RT Acceptability
Selection
BT Ratings

Filament transformers
BT Transformers

Filament wound construction
RT Filaments
BT Construction

Filaments
RT Filament wound construction
NT Carbon nanotubes
Monofilaments

Filaments(Electron tubes)
use Electron tube heaters

Filariae
RT Filariasis
BT Nematoda+

Filariasis
RT Filariae
BT Helminthic diseases+

Files(Records)
BT Records+
NT Computer files+

Filipinos
BT Ethnic groups+

Fillers
RT Additives

Filling

Film badges
use Photographic dosimeters

Film boiling
RT Film cooling
BT Boiling+

Film cooling
RT Film boiling
BT Cooling

Film driers
use Photographic driers

Film projectors
use Photographic projectors

Film readers
UF Readers(Film)
RT Microfilm
BT Photographic equipment+

Film resistors
BT Fixed resistors+
NT Thin film resistors

Film transport systems
BT Camera magazines+

Films
Thin layers deposited on, or adhering to, surfaces. For films used in photography, etc., see Photographic film an Radiographic film.
NT Diamond films
Dielectric films
Metal films
Monomolecular films+
Polymeric films
Semiconducting films+
Thick films
Thin films

Filter analysis
BT Filters

Filter paper
UFC Gas mask filter papers
BT Fluid filters+
Paper+

Filtering
use Filtration

Filters
RT Filtration
Separators
NT Acoustic filters+
Adaptive filters
Bandpass filters+
Bandstop filters+
Chirp filters
Electric filters+
Electromagnetic wave filters+
Filter analysis
Fluid filters+
Mathematical filters+
Radiofrequency filters+

Filtration
UF Filtering
RT Filters
BT Separation
NT Ultrafiltration

Fin stabilized ammunition
UFC Arrow-type projectiles
BT Ammunition+

Final drives
BT Drives

Finance
RT Money
NT Accounting+
Amortization
Banking
Bankruptcy
Comptrollers
Income+
Insurance
Investments+
Payment+
Revenue sharing
Taxes

Financial allotment
(1-APR-1998)
BT Income+

Financial management
(1-SEP-1981)
Management of financial or other pertinent data to assist in the utilization of appropriated funds and resources.
RT Grants
BT Management
NT Fiscal policies

Fine grained materials
RT Fullers earth
Powders
BT Materials

Fineness ratio
(1-OCT-1991)
Ratio of the length to the maximum diameter of a slender object.
BT Ratios
Slender bodies+

Fines
BT Particle size+
Powders+
NT Superfines+

Fingernails
(1-NOV-1980)
One of the thin horny transparent plates covering the dorsal surface of the distal end of each terminal phalanx of fingers and toes.
UF Unguis
BT Fingers+
Nails(Tissues)+

Fingerprint recognition
RT Fingerprints
BT Recognition+

Fingerprints
RT Fingerprint recognition
Fingers
BT Identification

Fingers
RT Fingerprints
Phalanges
BT Hands+
NT Fingernails

Finishes
RT Cladding
Surface properties
NT Aircraft finishes
Electrolytic polishing
Glazes
Precision finishing
Protective treatments+
Surface finishing+

Finite difference theory
BT Numerical analysis+
NT Difference equations

Finite element analysis
BT Numerical analysis+

Finland
BT Eastern Europe+

Fins
RT Aerial rudders
BT Control surfaces+
NT Bomb fins
Folding fins(Rockets)

Fire alarm systems
RT Fire detectors
Fire prevention
BT Safety equipment+

Fire and forget weapons
(1-SEP-1990)
Missiles, projectiles, bombs, etc. which, when launched or fired, automatically guide themselves to their targets.
BT Advanced weapons+
Guided weapons+

Fire control computers
BT Computers+
Fire control system components+
NT Bombing computers
Impact computers
Parallax computers
Radar range computers
Torpedo data computers

Fire control radar
BT Fire control system components+
Radar

Fire control system components
Devices used in fire control systems or as adjuncts to gun mounts, missile launchers, and bombing systems.
BT Fire control systems+
NT Bomb directors
Bomb ejectors
Fire control computers+
Fire control radar
Firing error indicators
Gun directors+
Sights+
Target lead indicators
Target position indicators

Fire control systems
UF Gunfire control systems
RT Weapon delivery
BT Ordnance
NT Aircraft fire control systems
Antiaircraft fire control systems
Antisubmarine fire control systems
Cueing
Fire control system components+

Fire detectors
RT Fire alarm systems
BT Detectors

Fire extinguishers
UF Extinguishers
RT Fire extinguishing agents

Fire extinguishing agents
RT Fire extinguishers
Fire suppression
BT Fire protection+

Fire fighting
RT Fire fighting vehicles
Fireboats
Fire fighting (cont.)
Fires
BT Fire protection+

Fire fighting vehicles
(1-SEP-1981)
Vehicles used in extinguishing or checking the spread of a fire.
RT Fire fighting
BT Vehicles

Fire hazards
RT Fire safety
BT Hazards

Fire prevention
RT Fire alarm systems
BT Fire safety+
Protection
NT Fire extinguishing agents
Fire fighting

Fire protective clothing
BT Fire resistant materials+

Fire pumps
BT Pumps

Fire resistance
BT Resistance
NT Fire resistant materials+

Fire resistant coatings
UFC Fire resistant paints
BT Fire resistant materials+
Protective coatings+

Fire resistant materials
UF Combustion resistant materials
Fireproof materials
Flame resistant materials
Noncombustible materials
Nonflammable materials
UFC Fire resistant plywood
BT Fire resistance+
Materials
NT Fire protective clothing
Fire resistant coatings
Fire resistant textiles

Fire resistant paints
use all Fire resistant coatings
Paints

Fire resistant plywood
use all Fire resistant materials
Plywood

Fire resistant textiles
BT Fire resistant materials+
Textiles

Fire safety
RT Fire hazards
BT Safety
NT Fire prevention
Fire protection+

Fire storms
RT Incendiary bombs
BT Fires

Fire support
RT Close support
BT Combat support+

Fire suppression
RT Fire extinguishing agents
BT Suppression

Fireboats
RT Fire fighting
BT Boats

Firebombing
use all Bombing
Incendiary bombs

Firebombs
BT Incendiary bombs+
NT Napalm bombs

Firepower

Fireproof materials
use Fire resistant materials

Fires
RT Combustion
Deflagration
Fire fighting
NT Aircraft fires
Fire storms
Forest fires
Ship fires

Fireworks
use Pyrotechnics

Firing(Ceramics)
RT Ceramic coatings
BT Heat treatment

Firing circuits
Electrical circuits used in firing weapons, rockets, missiles, etc.
UFC Firing panels
RT Control panels

Firing error indicators
Devices for indicating miss distance between target and projectile impact.
UF Miss distance indicators
Proximity scorers
BT Fire control system components+
Indicators

Firing mechanisms(Ammunition)
Devices for firing primers that initiate detonation of main ammunition charges.
RT Firing mechanisms(Weapon)
BT Ammunition components+
NT Arming devices+
Fuzes(Ordnance)+

Firing mechanisms(Weapon)
Devices for firing primers that initiate propelling charges.
RT Firing mechanisms(Ammunition)
BT Gun components+
NT Electric trigger controls
Firing pins

Firing panels
use all Control panels
Firing circuits

Firing pins
BT Firing mechanisms(Weapon)+

Firing rate
UF Rate of fire
BT Rates

Firing tables
RT Plotting boards
BT Tables(Data)+
NT Range tables

Firing tests(Ordnance)
BT Test methods+

Firing tests(Rocket)
use all Captive tests
Rocket engines

Firms
use Corporations

Firmware
(1-DEC-1984)
A computer program or instruction, such as a microprogram, used so often that it is stored in a read-only memory instead of being included in software. Often used in computers that monitor production processes.
RT Microprogramming
BT Computer programs

First aid
UFC First aid kits
RT Dressings
Stretchers
BT Medical services+

First aid kits
use all First aid
Medical supplies

First strike capability
BT Strike warfare+

First World War
(1-OCT-1997)
UF World War I
BT Conventional warfare+

First-stage motors
use Booster rocket engines

Fiscal policies
(1-OCT-1997)
RT Budgets
BT Financial management+

Fish gills
BT Fishes+

Fish liver oils
use Fish oils

Fish oils
UF Cod liver oil
Fish liver oils
BT Oils

Fish repellents
BT Repellents

Fisheries
RT Fishes
BT Aquiculture+

Fishes
UF Cod
Halibut
Ichthyology
Perch
Pisces
Salmon
RT Fisheries
BT Aquatic animals+
Vertebrates+
NT Chondrichthyes+
Eels
Fish gills
Minnows
Osteichthyes
Trout
Tuna

Fission
RT Chain reactions
Fast fission factor
BT Neutron reactions+

Fission cross section
use Neutron cross sections

Fission neutrons
BT Neutrons+
Nuclear radiation+
NT Prompt neutrons

Fission product activity
BT Fission products+
Radioactivity

Fission product poisoning
RT Fission products
BT Reactor poisons+

Fission products
RT Fission product poisoning
BT Radioactive materials+
NT Fission product activity

Fission reactors
use Nuclear reactors

Fission weapons
BT Nuclear weapons+

Fissionable materials
BT Materials

Fistulas
BT Anatomy+

Fitting functions(Mathematics)
BT Functions(Mathematics)+

Fittings
RT Connectors
Joints
BT Parts
NT Adapters
Collars
Couplings+
Disconnect fittings
Elbows(Fittings)
Hose fittings
Pipe fittings
Watertight fittings

Fittings(Coverings)
use Protective coverings

Fixed capacitors
BT Capacitors
NT Mica capacitors
Paper capacitors
Thin film capacitors

Fixed contacts
Surfaces of two conductors permanently in contact which serve for the passage of an electric current.
BT Electric contacts+

Fixed inductors
BT Inductors+

Fixed resistors
BT Resistors+
NT Film resistors+

Fixed wing aircraft
BT Aircraft

Fjords
RT Coastal regions
BT Inlets(Waterways)+

Flags
BT Visual signals+

Flak suits
BT Flight clothing+
Protective clothing+

Flame arresters
RT Flame inhibitors

Flame deflectors
RT Heat shields
BT Deflectors

Flame fuels
BT Fuels
NT Flamethrower fuels+

Flame hardening
use Hardening

Flame holders
BT Combustion chambers+

Flame inhibitors
RT Flame arresters
BT Inhibitors

Flame propagation
UF Propagation(Flames)
BT Flames+

Flame resistant materials
use Fire resistant materials

Flame spraying
RT Plasma spraying
BT Surface finishing+

Flame warfare
RT Flame weapons
BT Tactical warfare+

Flame weapons
RT Flame warfare
Incendiary ammunition
BT Weapons+
NT Flamethrowers

Flameout
BT Combustion stability+

Flames
RT Flammability
BT Combustion+
NT Cool flames
Exhaust flames
Flame propagation

Flames (cont.)
Jet flames

Flamethrower fuels
BT Flame fuels+
NT Flamethrowers

Flamethrowers
BT Flame weapons+
Flamethrower fuels+

Flammability
UF Combustibility
Inflammability
RT Flames

Flanges
UFC Projectile flanges
BT Structural components+

Flap control
use Flaps(Control surfaces)

Flaps(Control surfaces)
UF Flap control
RT Jet flaps
BT Aerodynamic control surfaces+
NT Air brake flaps
Leading edge flaps
Slotted flaps
Split flaps
Spoilers

Flared afterbodies
BT Afterbodies+
Geometric forms

Flareout
BT Aircraft landings+

Flares
RT Distress signals
Markers
BT Pyrotechnics
NT Aircraft flares
Colored flares
Float flares
Infrared flares
Parachute flares
Rocket flares

Flash(Impact)
use Impact flash

Flash(Propellant)
use Propellant flash

Flash lamps
UF Flash tubes
UFC Infrared flash lamps
RT Signal lights
BT Discharge lamps+
NT Electronic photoflash equipment+

Flash point
RT Spontaneous combustion
BT Ignition+

Flash radiography
High-speed, x-ray examination of matter by which images are produced radiographically on fluorescent screens or photographic film by x-rays transmitted through the matter, usually in nondestructive inspection.
RT X rays
BT High speed photography+
Radiography+

Flash tubes
use Flash lamps

Flash welds
Welds formed by bringing parts together lightly with current flowing, then separating them slightly to allow a flash.
BT Welds

Flashblindness
RT Vision
BT Blindness+

Flashes
NT Impact flash
Nuclear flash
Propellant flash+
X ray flash

Flashless propellants
BT Propellants

Flashlights
RT Signal lights
BT Lighting equipment+

Flasks
RT Bottles
BT Containers
NT Dewar flasks

Flat pack circuits
BT Circuits+

Flat panel displays
(1-OCT-1996)
RT Panels
BT Display systems

Flat plate models
RT Aerodynamic configurations
BT Models

Flat trajectories
BT Trajectories+
NT Beam rider trajectories

Flat worms
use Platyhelminthes

Flavanol
use Anthoxanthin pigments

Flavins
use Anthoxanthin pigments

Flavones
use Anthoxanthin pigments

Flavonones
use Anthoxanthin pigments

Flavor
BT Taste+

Fleas
use Siphonaptera

Flechettes
BT Spin stabilized ammunition+

Fleet ballistic missiles
RT Ballistic missile submarines
BT Guided missiles

Fleet exercises
BT Naval operations+

Fleet weather central
BT Weather stations+

Fleets(Ships)
BT Ships

Flexible couplings
BT Couplings+

Flexible materials
BT Materials
NT Cellophane

Flexible shafts
BT Shafts(Machine elements)

Flexible structures
BT Structures

Flexural properties
BT Mechanical properties+
NT Flexural strength
Stiffness

Flexural strength
RT Bending stress
Rigidity
BT Flexural properties+

Flicker
BT Visual perception+

Flight
RT Inflight
NT Approach
Captive flight
Climbing+
Flight maneuvers+
Flight paths+
Formation flight
Free flight+
Hypersonic flight
Instrument flight
Kiting
Level flight
Night flight
Nonpowered flight
Overflight
Space flight+
Subsonic flight
Supersonic flight
Transatlantic flights
Transition flight
Transmeridian flights
Transonic flight

Flight clothing
RT G suits
Pressure suits
BT Clothing
NT Flak suits
Flight helmets

Flight control systems
RT Air traffic control systems
Entry control systems
BT Control systems
NT Altitude controllers
Attitude control systems+
Automatic pilots
Fly by tube control
Fly by wire control

Flight crews
UF Aircrews
BT Crews+

Flight decks
RT Aircraft carriers
BT Ship decks+

Flight envelope
RT Aerodynamic configurations
BT Envelope(Space)+

Flight helmets
BT Flight clothing+
Helmets+

Flight instruments
RT Aircraft equipment
Altimeters
Flight recorders
Star trackers
BT Measuring instruments+
NT Approach indicators
Attitude indicators+

Flight instruments (cont.)
Course indicators+
Flight speed indicators+
Ground position indicators
Radio altimeters
Vertical speed indicators

Flight loads
BT Loads(Forces)

Flight maneuvers
BT Flight
NT Hovering
Sideslip
Spin recovery
Turning flight

Flight paths
Paths traced by aircraft in flight. For paths traced by guided missiles, rockets, spacecraft, etc., see Trajectories.
RT Air navigation
Air traffic
Ballistics
Gliding
BT Flight
Paths
NT Pressure pattern flight
Pursuit courses

Flight recorders
RT Flight instruments
BT Recording systems

Flight simulation
BT Simulation

Flight simulators
UF Link trainers
RT Flight training
BT Simulators+
Training devices+

Flight speed indicators
BT Flight instruments+
Indicating instruments+
Navigational aids+
NT Airspeed indicators+
Ground speed indicators
Machmeters
Rate of climb indicators
Rate of descent indicators

Flight speeds
UFC Aircraft speed
RT Mach number
BT Velocity+
NT Airspeed
Ground speed

Flight surgeons
BT Aviation personnel+
Military surgeons+

Flight testing
BT Test methods+

Flight training
RT Flight simulators
Training aircraft
BT Training+

Flint glass
use Optical glass

Flip chips
BT Chips(Electronics)+

Flip flop circuits
RT Bistable devices
BT Logic circuits+

Flippers
BT Appendages

Float flares
BT Flares+

Float valves
BT Valves

Floating bases
BT Floating bodies+
Military facilities+

Floating bodies
Nonspecific bodies buoyed up by liquids. Excludes specific equipment, e.g., floats, flying boat hulls, and life rafts.
BT Bodies
Hydrodynamic configurations
NT Floating bases
Floating platforms
Waterborne

Floating docks
UF Docks(Vessels)
RT Floating platforms
BT Docks+

Floating platforms
RT Floating docks
BT Floating bodies+
Platforms

Floating point operation
BT Computer programming

Floating wings
BT Wings+

Floats
UFC Smoke floats
Towed floats
RT Buoys
Life rafts
NT Pontoons
Seaplane floats

Flocculants
(1-NOV-1980)
A reagent added to the dispersion of a solid in a liquid to bring together the fine particles to form flocs.
RT Flocculation

Flocculation
(1-SEP-1981)
The coagulation or coalescence of finely divided or colloidal particles into larger particles which precipitate.
RT Flocculants
BT Coagulation

Flood control
RT Dams
Dikes
Flooding
BT Control
NT Levees

Flood plains
RT Flooding
BT Landforms+

Flooding
RT Flood control
Flood plains
BT Drainage+
NT Floods

Floodlights
BT Lighting equipment+

Floods
BT Flooding+

Floor coverings
UF Linoleum
RT Floors
Tiles
BT Coverings
NT Carpets

Floors
RT Floor coverings
Surfaces
NT Ship decks+

Flora
use Plants(Botany)

Florida
BT United States+
NT Everglades

Florida Strait
BT Straits+

Flotation
BT Separation

Flour
BT Cereal products+

Flow
NT Channel flow+
Cold flow
Cross flow
Flow fields
Flow separation
Flow visualization+
Fluid flow+
Mass flow
Multiphase flow+
One dimensional flow
Plastic flow
Potential flow
Radial flow
Three dimensional flow
Two dimensional flow+

Flow charting
UF Flow diagramming
RT Computer programming
BT Charts

Flow diagramming
use Flow charting

Flow fields
RT Boundary layer
Stagnation
BT Flow

Flow noise
BT Noise(Sound)+

Flow rate
RT Flowmeters
BT Rates

Flow separation
BT Flow

Flow visualization
UF Visualization of flow
RT Fluid flow
Schlieren photography
Spark shadowgraph photography
BT Flow
NT Particle image velocimetry

Flowmeters
RT Flow rate
Fuel gages
Fuel meters
Pitot tubes
Venturi tubes
BT Measuring instruments+
NT Gas meters
Rheometers

Flows(Topology)
use Algebraic topology

Flue gases
UF Stack gases
RT Exhaust gases
Fly ash
Waste gases
BT Gases+

Flueric devices
RT Fluid control
BT Fluerics+
NT Fluid amplifiers+

Fluerics
BT Fluidics
NT Flueric devices+

Fluid amplifiers
A fluid device, gas or liquid, which performs a logic amplification or control function both with and without the use of moving parts.
BT Amplifiers
Flueric devices+
NT Fluidic amplifiers

Fluid control
RT Flueric devices
Fluidic control
BT Control

Fluid dynamics
RT Fluid flow
Fluid mechanics
BT Dynamics+
NT Aerodynamic characteristics+
Aerodynamics+
Cascades(Fluid dynamics)
Computational fluid dynamics+
Gas dynamics+
Ground effect
Hydrodynamic characteristics+
Hydrodynamics+
Magnus effect
Prandtl number
Reynolds number
Richardson number
Slamming
Strouhal number
Turbulence+
Vortex shedding

Fluid filters
BT Filters
NT Filter paper
Fuel filters
Gas filters+
Liquid filters+
Millipore filters

Fluid flow
RT Flow visualization
Fluid dynamics
Froude number
Hydraulic conductivity

Fluid flow (cont.)
BT Flow
NT Axisymmetric flow+
Backflow
Base flow
Coanda effect
Compressible flow
Couette flow
Downstream flow
Gas flow+
Hydraulic ram effect
Incompressible flow+
Inviscid flow
Jet flow
Jet mixing flow
Laminar flow
Nonuniform flow
Secondary flow
Steady flow+
Supercritical flow
Superfluidity
Turbulent flow
Unsteady flow+
Viscous flow+
Vortices+
Water flow+
Water hammer

Fluid mechanics
RT Aeroelasticity
Fluid dynamics
Hydraulics
BT Mechanics
NT Aerostatics
Buoyancy
Eddies(Fluid mechanics)
Hydromechanics+
Hydrostatics+
Infiltration(Fluids)
Knudsen number
Leakage(Fluid)
Seepage

Fluidic amplifiers
BT Fluid amplifiers+
Fluidics

Fluidic control
RT Fluid control
BT Control
Fluidics

Fluidics
NT Fluerics+
Fluidic amplifiers
Fluidic control
Hydrofluidics

Fluidity
use Viscosity

Fluidized bed processes
RT Fluidized bed processors
BT Industrial engineering+

Fluidized bed processors
RT Beds(Process engineering)
Fluidized bed processes
BT Industrial equipment+

Fluids
NT Body fluids+
Gases+
Liquids+
Nonnewtonian fluids
Sprays+
Transmission fluids
Vapors+

Fluoborates
UF Fluoroborates
BT Borates+

Fluorenes
BT Aromatic hydrocarbons+

Fluorenones
BT Ketones+

Fluorescence
RT Fluorescent antibody techniques
BT Luminescence+
NT Fluorescent dyes
Laser induced fluorescence

Fluorescent antibody techniques
RT Antigen antibody reactions
Fluorescence
BT Antibodies

Fluorescent dyes
BT Dyes+
Fluorescence+

Fluorescent screens
UF Screens(Fluorescent)
BT Screens(Displays)+
NT Cathode ray tube screens

Fluorides
BT Halides+
NT Calcium fluorides
Chlorine trifluoride
Hydrogen fluoride
Lithium fluorides
Oxyfluorides

Fluorinated hydrocarbons
BT Fluorine compounds+
Halogenated hydrocarbons+
NT Dichlorodifluoromethane

Fluorination
RT Fluorine compounds
BT Halogenation+

Fluorine
RT Fluorine compounds
BT Halogens+

Fluorine compounds
RT Fluorination
Fluorine
BT Halogen compounds+
NT Fluorinated hydrocarbons+
Pentafluorides

Fluoroamines
BT Amines+

Fluoroborates
use Fluoborates

Fluorochlorides
BT Chlorides+

Fluorometers
UF Fluorophotometers
BT Photometers+

Fluorophosphatase
use Phosphoric monoester hydrolases

Fluorophosphines
BT Phosphine+

Fluorophotometers
use Fluorometers

Fluoropolymers
RT Plastics
BT Polymers+

Fluoroscopes
RT Fluoroscopy
BT Medical equipment
X ray apparatus

Fluoroscopy
RT Fluoroscopes
BT Medical examination+

Flush valves
RT Flushing
BT Valves

Flushing
RT Flush valves
Irrigation(Medicine)
BT Cleaning

Flush-mounted antennas
use Slot antennas

Flutter
RT Flutter simulators
BT Vibration+

Flutter simulators
RT Flutter
BT Simulators+

Flux(Rate)
BT Rates
NT Heat flux

Flux(Rate) (cont.)
Particle flux+

Flux density
NT Radiance
Radiant flux density+

Fluxes(Fusion)
RT Fusion welding
NT Soldering fluxes
Welding fluxes

Fluxmeters
BT Measuring instruments+
NT Magnetometers+
Permeameters

Fly ash
RT Flue gases
BT Combustion deposits+

Fly by tube control
BT Flight control systems+

Fly by wire control
BT Flight control systems+

Flyer plates
BT Plates
Test equipment

Flying boat hulls
RT Flying boats
BT Fuselages+
Hulls(Structures)

Flying boats
RT Flying boat hulls
Seaplanes
BT Water based aircraft+
NT Jet flying boats

Flying laboratories
BT Laboratories+

Flying platforms
RT Ground effect machines
BT Vertical takeoff aircraft+

Flying saucers
use Unidentified flying objects

Flying spot scanners
RT Electron optics
BT Scanners

Flying wing aircraft
use Tailless aircraft

Flywheels
BT Engine components+
Wheels

Foam
RT Bubbles
BT Colloids+

Foam rubber
BT Rubber+

Foamed metals
BT Porous metals+

Foamed plastics
use Expanded plastics

Foaming inhibitors
UF Antifoam agents
Inhibitors(Foam)
BT Additives
Inhibitors

Focal plane arrays
(1-OCT-1996)
BT Antenna arrays+
Focal planes

Focal planes
(1-MAY-1983)
A plane perpendicular to the axis of an optical system and passing through the focal point of the system.
NT Focal plane arrays

Focusing
RT Images
BT Wave propagation+

FOD
use Foreign object damage

Fog
RT Fog dispersal
Smog
BT Clouds+
Dispersions
Hydrometeors+
NT Cold fog
Ice fog

Fog cabinets
use Cloud chambers

Fog dispersal
RT Fog
BT Weather modification+

Fog signals
BT Navigational aids+
Signals

Foil bearings
BT Bearings

Foils(Materials)
NT Aluminum foil

Fokker Planck equations
BT Stochastic processes+

Folded optical lenses
BT Camera lenses+
Optical lenses+
NT Cassegrainian optical systems+

Folding
UF Crimping
RT Crimping tools

Folding fins(Rockets)
BT Aerodynamic control surfaces+
Fins+
Rocket components+

Folding helicopter rotors
BT Helicopter rotors+

Folding wings
A wing so hinged that it may be turned backward or upward; used especially on carrier planes to conserve space.
BT Wings+

Folds(Geology)
BT Structural geology+

Foliage
RT Forests
BT Vegetation+
NT Tree canopy

Folic acid
BT Amino acids+
Carboxylic acids+
Vitamin B complex+

Folic acid antagonists
use Antimetabolites

Food
UFC Browning reaction
RT Meals
Nutrition
NT Beverages+
Bread
Canned foods
Carbohydrates+
Cereals+
Chocolate
Concentrated foods+
Condiments
Convenience foods
Culture media+
Dairy products+
Desserts
Eggs(Food)
Fats+
Food consumption
Fresh foods
Frozen foods
Fruits+

Food (cont.)
Irradiated food
Meat+
Nutrients
Pickles
Rations+
Salads
Seafood
Soup
Vegetables+

Food additives
(1-DEC-1984)
A substance added to food during processing to improve color, texture, flavor or keeping qualities. Examples are antioxidants, emulsifiers, thickeners, preservatives, and colorants.
RT Food preservation
BT Additives

Food chains
BT Ecology

Food consumption
BT Consumption
Food

Food deprivation
UF Fasting
RT Diet
Starvation
BT Deprivation+

Food deterioration
(1-SEP-1981)
Deterioration in the color, flavor, odor, or consistency of a food product.
RT Food preservation
BT Deterioration+

Food dispensing
UF Food serving
UFC In-flight feeding
NT Food service+

Food handlers
BT Food service personnel+

Food poisoning
BT Poisoning+
Toxic diseases+
NT Botulism

Food preservation
RT Food additives
Food deterioration
Refrigeration systems
BT Food processing
Preservation

Food processing
NT Canning
Food preservation

Food service
RT Food service personnel
BT Food dispensing
NT Meals
Menu

Food service personnel
RT Food service
BT Personnel
NT Dieticians
Food handlers

Food serving
use Food dispensing

Food stamps
(1-DEC-1984)
Stamps issued by Federal Government for the purchase of prescribed food stuffs or supplies without official currency.
RT Social welfare

Foot and mouth disease virus
RT Bovines
BT Picornaviruses+
Viruses+

Footings
(1-OCT-1992)
Widened base or substructure forming the foundation.
BT Foundations(Structures)+

Footprint(Floor space)
use Area coverage

Footprint(Impression)
use Identification

Footwear
BT Clothing
NT Boots
Shoes+
Snowshoes
Socks

Foraminifera
BT Rhizopoda+

Forbidden transitions
use Selection rules(Physics)

Force(Mechanics)
BT Mechanics

Fording
BT Land transportation+

Forecasting
RT Predictions
NT Delphi techniques
Ice forecasting
Technology forecasting
Weather forecasting

Foreign
NT Foreign languages+
Foreign policy
Government(Foreign)
Military Forces(Foreign)+
Overseas

Foreign aid
NT Military assistance

Foreign government
use Government(Foreign)

Foreign languages
RT Dialects
BT Foreign Language+
NT Arabic language
Bulgarian language
Chinese language
Czech language
Dutch language
French language
German language
Hungarian language
Italian language
Japanese language
Norwegian language
Polish language
Russian language
Serbocroatian language
Spanish language
Swedish language
Vietnamese language

Foreign military sales
(1-JUN-1989)
RT International trade

Foreign object damage
(1-SEP-1990)
Impact damage by outside elements usually associated with aeronautics.
UF FOD
RT Impact
BT Damage

Foreign policy
RT Government(Foreign)
BT Foreign Policies
Political science+

Foreign service officers
BT Government employees+
NT Diplomats

Foreign technology
RT Technology transfer

Foreign trade
use International trade

Forest fires
RT Forests
BT Fires

Forestry
RT Forests
BT Agriculture
NT Reforestation
Silviculture

Forests
RT Foliage
Forest fires
Forestry
BT Landforms+
Vegetation+

Forge presses
RT Forging
Press forging
BT Presses(Machinery)+

Forging
RT Forge presses
Hot working
BT Metalworking+
NT Drop forging
Press forging

Forklift vehicles
BT Ground vehicles+
Materials handling vehicles+

Formaldehyde
BT Aldehydes+

Formamides
BT Amides+

Formamidines
BT Amides+

Formates
RT Formic acid
BT Esters+

Formation flight
BT Flight

Formation heat
use Heat of formation

Formats

Formic acid
RT Formates
BT Carboxylic acids+

Formic hydrogenlyase
use Ketoacid lyases

Formicidae
UF Ants
BT Hymenoptera+

Formosa
use Taiwan

Forms(Paper)
UF Blanks(Forms)

Formulas(Mathematics)
RT Equations
BT Mathematics

Formulations
NT Formulations(Chemistry)

Formulations(Chemistry)
BT Formulations

Fortifications
RT Earthwork
BT Military facilities+

Fortran
BT High level languages+

Forums
use Symposia

Forward area air defense systems
BT Air defense+

Forward areas
RT Battlefields

Forward looking
RT Orientation(Direction)
NT Forward looking infrared systems
Forward looking television

Forward looking infrared systems
BT Forward looking Infrared equipment+

Forward looking television
BT Forward looking Television systems+

Forward observers
(1-APR-1998)
BT Military occupational specialties+
Observers+

Forward scattering
RT Backscattering
BT Scattering

Fossil fuels
RT Oil shales
BT Fuels
NT Coal+

Fossil fuels (cont.)
Peat
Petroleum products+

Fossils
RT Paleontology
BT Archeology+

Fougasse
BT Land mines+

Fouling
The buildup of foreign matter on surfaces, e.g., carbon deposits on the moving parts of engines or barnacles on ship hulls, usually resulting in impaired performance.
UFC Biofouling
RT Deposits
Fouling organisms

Fouling organisms
UFC Biofouling
RT Barnacles
Fouling

Foundations(Structures)
BT Bases(Structures)+
NT Footings

Foundations of mathematics
use Mathematics

Foundries
RT Furnaces
BT Industrial plants

Four dimensional

Four wave mixing
(1-OCT-1992)

Fourier analysis
RT Periodic functions
BT Mathematical analysis+
NT Fourier series

Fourier series
BT Fourier analysis+
Series(Mathematics)+

Fourier spectrometers
BT Spectrometers+

Fourier spectroscopy
BT Spectroscopy

Fourier transformation
BT Integral transforms+
NT Discrete Fourier transforms
Fast Fourier transforms

Fourth stage engines
BT Rocket engines+

Fovea
BT Eye+
Retina+

Fowl
use Birds

Fowler flaps
use Split flaps

Foxholes
BT Excavation

Fractals
(1-JUN-1989)
Geometric shapes whose structures are such that magnification by a given factor reproduces the original object.

Fractionation
RT Refining
BT Distillation+

Fractography
BT Metallography+

Fracture(Mechanics)
RT Fatigue(Mechanics)
Rupture
BT Failure+
Mechanical properties+
Mechanics
NT J integrals

Fragility
RT Frangible
BT Mechanical properties+

Fragmentation
UF Shattering
RT Comminution
Fragmentation ammunition
Fragments
NT Tank fragmentation

Fragmentation ammunition
UFC Fragmentation bombs
Fragmentation projectiles
RT Fragmentation
BT Ammunition+
NT Canister projectiles
Fragmentation warheads

Fragmentation bombs
use all Bombs
Fragmentation ammunition

Fragmentation projectiles
use all Fragmentation ammunition
Projectiles

Fragmentation warheads
BT Fragmentation ammunition+
Warheads+

Fragments
RT Fragmentation
NT Ammunition fragments
Tank fragments

Fram Strait
(1-OCT-1991)
Body of water between Greenland and Spitzbergen connecting the Greenland Sea with the Wandel Sea.
BT Straits+

Frames
RT Supports
NT Chassis+
Frames(Photographs)

Frames(Aircraft)
use Airframes

Frames(Photographs)
RT Photographs
BT Frames

France
RT French language
BT European communities+
Western Europe+

Franciscella tularensis
The etiologic agent of tularemia in man, being transmitted from wild animals to man by drinking water, by blood-sucking insects, or by contact; it is also the cause of a severe form of conjunctivitis known as conjunctivitis tularensis.
UF Bacterium tularense
Pasteurella tularensis
UFC Tularemia vaccine
RT Tularemia
BT Pasteurella+

Francium
RT Francium compounds
BT Alkali metals+

Francium compounds
RT Francium
BT Alkali metal compounds+

Frangible
RT Fragility
BT Brittleness+

Franz Josef Land
BT Arctic Ocean Islands+
Communist countries+
Russia+

Franz Josef Land (cont.)
USSR+

Fratricide
NT Friendly fire

Fraunhofer lines
use Solar spectrum

Fredholm integral equation
use Integral equations

Fredholm theory
use Integral equations

Free dropping
RT Free fall models
BT Aerial delivery+

Free electron lasers
(1-DEC-1984)
High energy lasers in which the relativistic electron beam energy is converted into optical energy.
RT Free electrons
Wiggler magnets
BT Lasers+

Free electrons
RT Electron gas
Electron mobility
Free electron lasers
BT Charge carriers+
Electrons+

Free energy
BT Energy
Thermodynamic properties+

Free fall missiles
BT Free fall weapons+

Free fall models
RT Free dropping
BT Models

Free fall weapons
BT Weapons+
NT Free fall missiles

Free field

Free flight
RT Free flight models
Free flight trajectories
BT Flight
NT Gliding

Free flight models
RT Free flight
BT Models

Free flight trajectories
RT Free flight
BT Trajectories+

Free radicals
Atoms or groups of atoms having at least one unpaired electron.
BT Chemical radicals+
Ions+

Free stream
BT Gas flow+

Freeze dried foods
RT Freeze drying
Frozen foods
BT Dehydrated foods+

Freeze drying
Sublimation of water from frozen material.
RT Freeze dried foods
Frozen foods
Preservation
BT Drying
NT Lyophilization

Freezing
RT Cooling
BT Phase transformations+
NT Frostbite

Freight
use Cargo

Freight cars
use Railroad cars

French curve
RT Curves(Geometry)
BT Measuring instruments+

French fryers
use Cooking devices

French Guiana
BT South America+

French language
RT France
BT Foreign languages+

Frequency
RT Repetition rate
NT Audio frequency
Broadband
Carrier frequencies
Difference frequency
Frequency bands+
Frequency domain
Frequency shift+
Intermediate frequencies
Long wavelengths
Low frequencies+
Narrowband
Resonant frequency
Ultrasonic frequencies

Frequency agility
UF Frequency hopping
BT Frequency shift+

Frequency allocation
BT Allocations

Frequency analyzers
BT Analyzers
Test equipment
NT Harmonic analyzers

Frequency bands
RT Bandwidth
BT Frequency
NT Interference guard band
Radiofrequency+
Sidebands

Frequency changers
use Frequency converters

Frequency conversion
RT Frequency converters
BT Conversion

Frequency converters
Circuits, devices, or machines that change alternating current from one frequency to another.
UF Frequency changers
RT Frequency conversion
NT Frequency dividers
Frequency multipliers+
Parametric frequency converters

Frequency diversity
BT Frequency shift+
NT Spread spectrum

Frequency diversity radar
use Diversity radar

Frequency dividers
RT Down converters
BT Frequency converters

Frequency division multiple access
BT Multiple access+

Frequency division multiplexing
BT Multiplexing

Frequency domain
(1-OCT-1991)
BT Frequency

Frequency factor
use Reaction kinetics

Frequency hopping
use Frequency agility

Frequency meters
RT Wavemeters
BT Measuring instruments+

Frequency modulation
RT Frequency modulators
BT Modulation
NT Sweep frequency techniques

Frequency modulators
RT Frequency modulation
BT Modulators

Frequency multipliers
UF Multipliers(Converters)
BT Electronic multipliers
Frequency converters
NT Second harmonic generation
Third harmonic generation

Frequency response
RT Thresholds(Physiology)
BT Response
NT Tuning

Frequency shift
RT Frequency shift converters
Frequency shift keyers
BT Frequency
NT Doppler effect
Frequency agility
Frequency diversity+

Frequency shift converters
RT Frequency shift
BT Converters

Frequency shift keyers
UF Keyers(Frequency shift)
RT Frequency shift
BT Communication equipment

Frequency stabilizers
BT Stabilization systems+

Frequency standards
RT Time standards
BT Standards

Frequency synthesizers
RT Oscillators
BT Signal generators+

Fresh foods
BT Food

Fresh water
BT Water+
NT Drinking water

Fresnel integrals
BT Integrals+

Fresnel lenses
BT Lenses
Optical lenses+

Fresnel zones
(1-MAY-1981)
BT Optical phenomena+

Fretting
BT Wear

Friction
RT Bearings
Drag
Lubricants
Lubrication
Tribology
NT Internal friction
Skin friction
Sliding friction
Traction+

Friction welding
BT Pressure welding+

Friedel Crafts reactions
BT Chemical reactions+
Condensation reactions+

Friendly fire
(1-OCT-1994)
In casualty reporting, a casualty circumstance applicable to persons killed in action or wounded in action mistakenly or accidently by friendly forces actively engaged with the enemy, who are directing fire at a hostile force or what is thought to be hostile force.
BT Fratricide

Frigates
BT Naval vessels(Combatant)+

Fringe benefits
BT Benefits+

Frit
BT Ceramic materials

Frogs
BT Amphibians+

Front end processors
BT Processing equipment

Front ends and surfaces
BT Surfaces

Frontal sinus
use Paranasal sinuses

Fronts(Meteorology)
BT Meteorological phenomena
NT Cold fronts

Fronts(Oceanography)
(1-SEP-1981)
BT Oceanography+

Frost
RT Frost heave
Ice
BT Dew+

Frost heave
RT Frost
BT Heaving

Frostbite
RT Exposure(Physiology)
BT Freezing+
Pathology+
Wounds and injuries

Froude number
(1-DEC-1984)
A dimensionless number used to study the motion of a body floating on a fluid with production of surface waves or eddies, equal to the ratio of the square of the relative speed to the product of the acceleration of gravity and the characteristic length of the body.
RT Fluid flow
BT Ratios

Frozen equilibrium flow
RT Shifting equilibrium flow
BT Gas flow+

Frozen foods
RT Freeze dried foods
Freeze drying
BT Food

Frozen sections
use Histological techniques

Frozen soils
(1-JUN-1989)
Soils that have a temperature below freezing and generally contain a variable amount of water in the form of ice.
BT Soils
NT Permafrost

Fructose phosphates
use Saccharide phosphates

Fructoses
BT Hexoses+

Fruit juices
RT Fruits
BT Beverages+

Fruits
UF Apricots
Bananas
Tomatoes
RT Fruit juices
BT Food
NT Cherries
Citrus fruit
Pineapples
Prunes

Frustration
BT Emotions+

Frustums
BT Conical bodies+

Fuel additives
UF Propellant additives
BT Additives
NT Fuel thickeners

Fuel air explosives
BT Explosives

Fuel air ratio
BT Ratios

Fuel burn up
RT Propellant burn out
BT Fuel consumption+

Fuel cells
A cell that converts chemical energy directly into electric energy, with electric power being produced as a part of a chemical reaction between the electrolyte and a fuel such as kerosine or industrial fuel gas.
BT Cells
Power supplies+
NT Hydrogen oxygen fuel cells

Fuel consumption
Excludes reactor fuel consumption.
RT Burning rate
Fuel shortages
BT Consumption
NT Fuel burn up

Fuel contamination
BT Contamination

Fuel depots
use all Fuels
Supply depots

Fuel filters
BT Fluid filters+
Fuel systems

Fuel gages
RT Flowmeters
BT Fuel systems
Gages+

Fuel hoses
RT Fuel lines
BT Fuel systems
Hoses

Fuel injection
RT Fuel injectors
BT Fuel systems
Injection

Fuel injectors
UFC Injection carburetors
RT Fuel injection
BT Engine fuel systems components+
Injectors+

Fuel level control
use all Fuels
Liquid level control

Fuel lines
RT Fuel hoses
BT Fuel systems
NT Self sealing fuel lines

Fuel meters
Devices that regulate the flow of fuel to engines.
RT Flowmeters
BT Fuel systems

Fuel nozzles
BT Fuel systems
Nozzles

Fuel oil
BT Fuels
Oils
Petroleum products+

Fuel pumps
BT Fuel systems
Pumps
NT Refueling pumps

Fuel seals
BT Seals(Stoppers)

Fuel shortages
RT Fuel consumption
BT Fuels

Fuel slugs
use Reactor fuel elements

Fuel sprays
BT Fuels
Sprays+

Fuel storage tanks
use all Fuel tanks
Storage tanks

Fuel systems
NT Engine fuel systems components+
Fuel filters
Fuel gages
Fuel hoses
Fuel injection
Fuel lines+
Fuel meters
Fuel nozzles
Fuel pumps+
Fuel tanks+

Fuel tanks
UFC Droppable fuel tanks
Fuel storage tanks
Jettisonable fuel tanks
RT Fuel trucks
Ullage
BT Fuel systems
Tanks(Containers)+
NT Propellant tanks
Self sealing fuel tanks

Fuel thickeners
BT Fuel additives+
Thickeners(Materials)

Fuel trucks
RT Fuel tanks
BT Trucks+

Fueling at sea
use all Refueling
Replenishment at sea

Fueling in flight
use Refueling in flight

Fuels
UFC Fuel depots
Fuel level control
NT Amine fuels
Automotive fuels
Aviation fuels+
Coal gas
Diesel fuels
Engine primers
Flame fuels+
Fossil fuels+
Fuel oil
Fuel shortages
Fuel sprays
Gasoline+
Heating oils
Heavy fuels
Hypergolic fuels+
Jet engine fuels+
Low lead fuels
Natural gas+
Reactor fuels
Rocket fuels+

Fuels (cont.)
Slurry fuels
Solid fuels+
Synthetic fuels

Full wave rectifiers
BT Rectifiers+

Fullerenes
(1-OCT-1992)
Carbon allotropes each containing a specific number of carbon atoms in a hollow, spherical, geodesic configuration.
BT Carbon+

Fullers earth
RT Fine grained materials
BT Clay minerals+

Fulminates
BT Explosives

Fumagillin
use Antibiotics

Fumes
BT Exhaust gases+

Fumigants
BT Pesticides+

Fumigation
use Pest control

Functional analysis
UF Drein-Smulian theorem
Functional calculus
Green space
Hahn-Banach theorem
Klein spaces
Lp spaces
BT Mathematical analysis+
NT Banach space+
Harmonic analysis
Manifolds(Mathematics)
Minkowski space

Functional calculus
use Functional analysis

Functions
NT Functions(Mathematics)+

Functions(Mathematics)
UF Bounded functions
Convex functions
Discrete harmonic functions
Entire functions
Generalized distance functions
Integral functions
Ring functions
Schlicht functions
Syntonic functions
Univalent functions

Functions(Mathematics) (cont.)
BT Functions
Mathematics
NT Algebraic functions
Analytic functions
Biharmonic functions
Chebyshev functions
Fitting functions(Mathematics)
Kernel functions
Lagrangian functions
Lyapunov functions
Meromorphic functions+
Normal density functions
Periodic functions
Power spectra
Probability density functions+
Recursive functions
Scalar functions
Special functions(Mathematics)+
Statistical functions+
Transcendental functions
Transfer functions
Walsh functions
Wave functions+
Weighting functions
Work functions

Fundy Bay
BT Bays+

Fungi
RT Fungicides
Fungus deterioration
Fungus diseases
Mycology
Mycotoxins
BT Plants(Botany)+
NT Ascomycetes+
Basidiomycetes+
Deuteromycetes(Imperfect fungi)+
Discomycetes+
Lichens
Oomycetes+
Plectomycetes+
Pyrenomycetes+
Thermophilic fungus

Fungicides
UF Antifungal agents
RT Fungi
Griseofulvin
Kojic acid
Nystatin
BT Antibiotics+
Pesticides+

Fungus deterioration
RT Fungi
BT Biodeterioration+

Fungus diseases
RT Candida
Coccidioides
Fungi
BT Infectious diseases+

Fungus diseases (cont.)
NT Dermatophytosis

Fungus proofing
RT Protective coatings

Fur
UF Pelts
RT Animals
BT Organic materials+

Furaldehydes
BT Aldehydes+

Furan resins
RT Acetal resins
BT Thermosetting plastics+

Furans
BT Oxygen heterocyclic compounds+

Furnaces
RT Foundries
BT Heaters
NT Blast furnaces
Crystal ovens
Electric furnaces+
Incinerators
Laboratory furnaces
Sintering furnaces
Solar furnaces

Furniture
UFC Office furniture
RT Household goods
NT Chairs
Pads(Cushions)
Tables(Furniture)

Furoxanes

Fusarium
BT Deuteromycetes(Imperfect fungi)+

Fuse lighters
BT Igniters+

Fused salts
use Molten salts

Fused salts cooled reactors
use Molten salt nuclear reactors

Fused silica
BT Silicon dioxide+

Fuselages
BT Airframes
NT Aircraft cabins+
Aircraft doors+
Aircraft noses
Cockpits+
Flying boat hulls
Tails(Aircraft)

Fuses(Electrical)
Fusible protective elements in electrical circuits to prevent overload damage.
RT Circuit breakers

Fuses(Explosive)
use Fuzes(Ordnance)

Fusion(Melting)
RT Fusion welding
Heat of fusion
BT Melting+

Fusion reactions
use Thermonuclear reactions

Fusion weapons
RT Nuclear fusion
BT Nuclear weapons+

Fusion welding
RT Fluxes(Fusion)
Fusion(Melting)
BT Welding+
NT Arc welding+
Electron beam welding
Laser welding
Resistance welding+

Fuze arming units
use all Arming devices
Fuzes(Ordnance)

Fuze functioning elements
BT Fuzes(Ordnance)+
NT Arming devices+
Clock delay mechanisms
Fuze setters
Primer cups
Setback(Fuzes)

Fuze setters
BT Fuze functioning elements+

Fuzes(Ordnance)
UF Detonating fuzes
Fuses(Explosive)
UFC Fuze arming units
BT Firing mechanisms(Ammunition)+
NT Bomb fuzes+
Electric fuzes(Ordnance)
Electromagnetic fuzes+
Exploders+
Fuze functioning elements+
Grenade fuzes
Guided missile fuzes
Impact fuzes+
Mechanical fuzes
Mine fuzes
Miniature fuzes
Mortar fuzes
Nose fuzes
Point detonating fuzes
Point initiating fuzes

Fuzes(Ordnance) (cont.)
Projectile fuzes
Proximity fuzes+
Rocket fuzes
Safety fuses
Self destroying fuzes
Superquick fuzes
Time fuzes+

Fuzzy logic
(1-OCT-1996)
Operational logic in which the value of a proposition can be set from 0 (false) to 1 (true).
BT Computer logic+
Fuzzy sets+

Fuzzy sets
(1-SEP-1990)
An extension of the concept of a set, in which the characteristic function which determines membership of an object in the set is not limited to the two values 1 (for membership in the set) and 0 (for nonmembership), but can take on any value between 0 and 1 as well.
BT Set theory+
NT Fuzzy logic

G

G agents
BT Nerve agents+
NT GA agent
GB agent
GD agent

G band
BT Superhigh frequency+

G suits
RT Flight clothing
BT Pressure suits+

GA agent
UF Tabun
BT G agents+

Gadolinium
RT Gadolinium alloys
Gadolinium compounds
BT Rare earth elements+

Gadolinium alloys
RT Gadolinium
Gadolinium compounds
BT Alloys

Gadolinium compounds
RT Gadolinium
Gadolinium alloys
BT Rare earth compounds+
NT Gadolinium oxide

Gadolinium oxide
BT Gadolinium compounds+
Oxides+

Gages
BT Measuring instruments+
NT Fuel gages
Liquid level gages
Pressure gages+
Rain gages
Strain gages

Gain
RT Losses
NT High gain
Power gain

Galactic cosmic rays
RT X ray astronomy
BT Cosmic rays+

Galactose
BT Hexoses+

Galacturonic acids
use Uronic acids

Galapagos Islands
BT Archipelagoes+
Pacific Ocean Islands+

Galaxies
RT Nebulae
BT Constellations+

Galerkin method
(1-OCT-1996)
BT Numerical methods and procedures+

Gallates
BT Gallium compounds+

Gallbladder
RT Bile
BT Biliary system+

Galleys
use Kitchens

Gallium
RT Gallium alloys
Gallium compounds
BT Metals+

Gallium alloys
RT Gallium
Gallium compounds
BT Alloys

Gallium antimonides
BT Antimonides+
Gallium compounds+

Gallium arsenide lasers
BT Semiconductor lasers+

Gallium arsenides
BT Arsenides+
Gallium compounds+
NT Aluminum gallium arsenides

Gallium compounds
RT Gallium
Gallium alloys
BT Group III compounds+
Rare earth compounds+
NT Gallates
Gallium antimonides
Gallium arsenides+
Gallium nitrides
Gallium phosphides

Gallium nitrides
(1-OCT-1997)
BT Gallium compounds+
Nitrides+

Gallium phosphides
BT Gallium compounds+
Phosphides+

Gallstones
use all Biliary system
Calculi

Galvanic action
use Galvanic corrosion

Galvanic corrosion
UF Galvanic action
BT Corrosion+

Galvanic skin response
UF Electrodermal response
BT Response(Biology)+

Galvanometers
BT Measuring instruments+

Gambling
BT Recreation+

Game theory
UF Bellman's search problem
Differential games
Monopologs
Nim
Utility theory
RT Decision theory
Strategy
War games
BT Goal programming+
Operations research+
Theory

Game theory (cont.)
NT Matrix games

Games
use Recreation

Gamma atomic absorption coefficients
use Gamma ray absorption coefficients

Gamma counters
BT Particle counters+
Radiation measuring instruments+

Gamma emission
BT Nuclear radiation+

Gamma functions
use Special functions(Mathematics)

Gamma globulin
RT Antibodies
BT Serum globulin+

Gamma linear absorption coefficients
use Gamma ray absorption coefficients

Gamma neutron reactions
BT Photonuclear reactions+

Gamma proton reactions
BT Photonuclear reactions+

Gamma radiation
use Gamma rays

Gamma ray absorption coefficients
UF Gamma atomic absorption coefficients
Gamma linear absorption coefficients
BT Absorption coefficients+

Gamma ray cross sections
BT Nuclear cross sections+

Gamma ray scattering
BT Nuclear scattering+
NT Compton scattering
Delbruck scattering
Nuclear fluorescent scattering

Gamma ray spectra
BT Electromagnetic spectra+
NT Mossbauer effect

Gamma ray spectrometers
use Nuclear radiation spectrometers

Gamma ray spectroscopy
BT Nuclear radiation spectroscopy+

Gamma rays
UF Gamma radiation
BT Electromagnetic radiation+
Ionizing radiation+
Nuclear radiation+
Transverse waves+
NT Neutron capture gamma rays

Gamma spectrometers
BT Nuclear radiation spectrometers+

Ganglia
UF Stellate ganglion
RT Neurophysiology
BT Nervous system+

Ganglionic blocking agents
use Autonomic agents

Gantries
BT Cranes+

Gantt charts
(1-OCT-1997)
RT Production engineering
Project management
BT Management planning and control+

Garbage
RT Garbage disposal
BT Wastes(Sanitary engineering)+

Garbage disposal
RT Garbage
BT Disposal
Waste disposal+

Garnet
RT Silicates
BT Rock forming minerals+
NT Yttrium aluminum garnet
Yttrium iron garnet

Gas analysis
The determination of compositions of gas samples, including temperature, solids content, noxious materials, qualitative and quantitative chemical constituents, and the like.
BT Chemical analysis

Gas bearings
UF Air bearings
BT Bearings

Gas breakdown
BT Decomposition+

Gas caps

Gas casualties
use Chemical warfare casualties

Gas cells
BT Cells

Gas chromatography
BT Chromatography+

Gas compressors
BT Compressors+

Gas cooled reactors
BT Nuclear reactors

Gas cylinders
UF Compressed gas containers
BT Pressure vessels
Tanks(Containers)+

Gas detectors
RT Toxic agent alarms
BT Detectors
Warning systems+
NT Carbon monoxide indicators
Leak detectors

Gas discharges
Arc discharges through ionized gaseous media surrounding cold electrodes. For electrical conduction in gases indicated by slight luminosity and without appreciable heating of the electrodes, see Glow discharges.
RT Glow discharges
BT Electric discharges+

Gas dynamic lasers
RT Gas dynamics
BT Gas lasers+

Gas dynamics
RT Gas dynamic lasers
BT Fluid dynamics+
NT Rarefied gas dynamics

Gas embolism
UF Aeroembolism
BT Embolism+

Gas evolution
RT Outgassing
BT Evolution(General)

Gas exchange(Biology)

Gas filters
RT Gas masks
BT Fluid filters+
NT Air filters
Protective mask filters

Gas flow
RT Gas meters
BT Fluid flow+
NT Adiabatic gas flow
Air flow+
Free stream
Frozen equilibrium flow
Hypersonic flow
Knudsen number
Nonequilibrium flow
Nozzle gas flow
Shifting equilibrium flow
Slip flow
Subsonic flow
Supersonic flow
Transonic flow

Gas gangrene
use all Clostridium
Diseases

Gas generating systems
RT Gas generator engines
NT Oxygen generators
Steam generators

Gas generator engines
Free piston engines combined with gas turbines.
RT Gas generating systems
BT Engines

Gas guns
RT Hypervelocity guns
BT Guns+
NT Light gas guns

Gas heating
BT Heating

Gas ionization
RT Ionized gases
BT Ionization+

Gas lasers
BT Lasers+
NT Argon lasers
Carbon dioxide lasers
Carbon monoxide lasers
Gas dynamic lasers
Helium cadmium lasers
Helium neon lasers
Hydrogen chloride lasers
Hydrogen fluoride lasers
Nitrogen lasers
TEA lasers
Xenon lasers

Gas mask filter papers
use all Filter paper
Protective mask filters

Gas masks
RT Gas filters
BT Protective masks+

Gas metal arc welding
BT Arc welding+
NT Gas tungsten arc welding

Gas meters
RT Gas flow
BT Flowmeters+

Gas pumps
RT Refueling
BT Pumps

Gas seals
RT Vacuum seals
BT Seals(Stoppers)

Gas surface interactions
BT Interactions

Gas tungsten arc welding
UF TIG welding
Tungsten inert gas welding
BT Gas metal arc welding+
Inert gas welding+

Gas turbine blades
BT Turbine blades+

Gas turbine disks
use Gas turbine rotors

Gas turbine nozzles
BT Nozzles
Turbine components+

Gas turbine regenerators
RT Gas turbines
BT Turbine components+

Gas turbine rotors
UF Gas turbine disks
BT Turbine wheels+

Gas turbines
RT Gas turbine regenerators
Turbine components
BT Engines
Turbines+

Gaseous diffusion separation
BT Diffusion
Isotope separation+

Gaseous electronics
BT Electronics

Gaseous rocket propellants
BT Rocket propellants+

Gases
RT Liquids
Solids
BT Fluids
NT Blood gases
Breathing gases

Gases (cont.)
Coal gas
Cold gases
Combustion chamber gases
Compressed air
Corrosive gases
Dense gases
Exhaust gases+
Explosion gases
Explosive gases
Flue gases
Hot gases
Ionized gases
Laser gases
Liquefied gases+
Poisonous gases+
Rare gases+
Rarefied gases
Reactive gases
Solidified gases
Trace gases
Waste gases

Gaskets
RT Washers(Spacers)
BT Seals(Stoppers)
NT Rubber gaskets

Gasless
(1-SEP-1981)
Having no gas; using or producing no gas.

Gasoline
BT Fuels
Petroleum products+
NT Aviation gasoline

Gasoline engines
use Internal combustion engines

Gasproof clothing
BT Protective clothing+

Gastric juice
RT Digestion(Biology)
Stomach
BT Body fluids+

Gastrin
BT Hormones+

Gastritis
BT Gastrointestinal diseases+

Gastroenteritis
BT Gastrointestinal diseases+

Gastrointestinal diseases
RT Diarrhea
Digestive system
Gastrointestinal system
BT Diseases
NT Ascites
Cholera

Gastrointestinal diseases (cont.)
Colitis
Duodenitis
Dysentery+
Gastritis
Gastroenteritis
Malabsorption syndromes+
Nausea
Typhoid

Gastrointestinal system
UFC Peptic ulcers
RT Gastrointestinal diseases
BT Digestive system+
NT Biliary system+
Intestines+
Liver
Pancreas
Stomach

Gastropoda
UF Achatina
Gastropods
BT Mollusca+
NT Aplysia
Snails

Gastropods
use Gastropoda

Gastroscopes
BT Medical equipment

Gate valves
BT Valves

Gates(Circuits)
RT Switching circuits
Trigger circuits
BT Circuits+
NT Logic circuits+

Gathering
use Collection

Gatling guns
BT Machine guns+

Gaussian noise
BT Noise

Gaussian processes
use Statistical processes

Gaussian quadrature
BT Numerical analysis+

Gaussian vector process
use Statistical processes

Gauss-Seidel method
use Numerical methods and procedures

GB agent
UF Sarin
BT G agents+

GCA radar
use Ground controlled approach radar

GD agent
UF Soman
BT G agents+

Gear noise
RT Gears
BT Machinery noise+

Gear teeth
BT Gears+

Gearboxes
use Transmissions(Mechanical)

Gears
RT Gear noise
BT Mechanical components+
NT Gear teeth
Planetary gears
Propulsion gears
Reduction gears
Transmission gears
Worm gears

Geese
BT Waterfowl+

Gegenbauer's polynomials
use Polynomials

Gegenschein
BT Zodiacal light+

Geiger counters
UF Geiger-Mueller tubes
RT Dosimeters
BT Particle counters+
Radiation measuring instruments+

Geiger-Mueller tubes
use Geiger counters

Gek data
RT Electrokinetographs
BT Oceanographic data+

Gel permeation chromatography
BT Chromatography+

Gelatins
RT Collagen
Gelation
Gels
BT Proteins(Derived)+

Gelation
RT Coagulation
Gelatins

Gelation (cont.)
BT Phase transformations+

Gelled propellants
use Thixotropic rocket propellants

Gels
RT Gelatins
NT Incendiary gels
Silica gels

Gems(Minerals)
RT Synthetic stones
BT Minerals
NT Diamonds+
Ruby
Sapphire
Spinel
Spodumene+
Tourmaline

Gender discrimination
(1-OCT-1996)
RT Sex
BT Discrimination
Interpersonal relations+

General adaptation syndrome
use Adaptation(Physiology)

General aviation aircraft
(1-JUN-1989)
All civil aircraft except those used by scheduled, supplemental and intrastate public air carriers.
UF Private aircraft
BT Aircraft

General officers
(1-NOV-1980)
A term applied to a commissioned rank or person in the military services immediately above the rank of Colonel or Captain (navy).
BT Officer personnel+

General purpose bombs
UF GP bombs
BT Bombs+

Generalized distance functions
use Functions(Mathematics)

Generators
NT Aerosol generators+
Character generators
Electric generators+
Harmonic generators
Radiofrequency generators+
Sound generators+
Standby generators
Waveform generators+

Genes
RT Deoxyribonucleic acids
Genetic engineering
Genetic mapping
Genetics
BT Chromosomes+

Genetic diseases
(1-JUL-1999)
RT Genetics
BT Diseases
NT Hemophilia

Genetic effects
use Genetics

Genetic engineering
(1-DEC-1984)
The intentional production of new genes and alteration of genomes by the substitution or addition of new genetic material.
RT Genes
Genetic mapping
Genetics

Genetic factors
use Genetics

Genetic fingerprinting
use Genetic tissue identification

Genetic mapping
(1-OCT-1991)
The discovery of the linear placement of genes on individual chromosomes.
UF Genetic markers
RT Genes
Genetic engineering
BT Genetics+

Genetic markers
use Genetic mapping

Genetic tissue identification
(1-JAN-00)
Any system for analyzing animal or human tissue for further purposes of identification or surgical transplantation.
UF Eye banks
Genetic fingerprinting
RT Surgical transplantation
BT Genetics+
NT Blood banks
Tissue banks

Genetics
UF Genetic effects
Genetic factors
Heredity
RT Congenital abnormalities
Genes
Genetic diseases

Genetics (cont.)
Genetic engineering
Transcription(Genetics)
BT Biology+
NT Genetic mapping
Genetic tissue identification+
Genome
Mutations
Plasmids

Genital diseases
(1-MAY-1983)
Diseases of or pertaining to the organs of generation or to reproduction; excluding contagious disease acquired through sexual contact.
RT Reproductive system
Venereal diseases
BT Diseases

Genome
(1-JUL-00)
The complete gene complement of an organism.
BT Genetics+

Geoacoustics
BT Acoustics

Geobotanical mapping
BT Mapping

Geochemistry
RT Geothermy
Petrochemistry
BT Chemistry+
Earth sciences+
NT Soil chemistry

Geodesic flows
use Algebraic topology

Geodesics
UF Geodetic data
RT Geodesy
BT Differential geometry+

Geodesy
RT Geodesics
Geodetic surveys
Geoids
BT Earth sciences+
NT Geodetic astronomy

Geodetic astronomy
The branch of geodesy which uses astronomic observations to extract geodetic data.
UF Astronomical geodesics
RT Astronomy
BT Geodesy+

Geodetic data
use Geodesics

Geodetic satellites
RT Geodetic surveys
Navigation satellites
BT Artificial satellites+

Geodetic surveys
RT Geodesy
Geodetic satellites
Geological surveys
BT Surveys

Geodynamics
(1-OCT-1996)
BT Geophysics+
NT Geomorphology+
Marine geophysics+
Tectonics+

Geographers
use all Geography
Scientists

Geographic areas
RT Geography
NT Africa+
Arid land+
Aseismic areas
Australia
Basins(Geographic)+
Bays+
Cold regions+
Communist countries+
Demilitarized zones
Epicenters
Eurasia+
Gulfs+
High latitudes
Hong Kong
Hot regions+
Islands+
Lakes+
Latin America+
Middle East+
North America+
Northern Hemisphere
Oceans+
Remote areas+
Rivers+
Rural areas+
Sounds(Waterways)+
Southern hemisphere
Strategic areas
Subtropical regions
Temperate regions
Underdeveloped areas
Urban areas+
Wetlands+

Geographic distribution
RT Geographical information systems
Geography
BT Distribution

Geographical information systems
(1-OCT-1995)
RT Geographic distribution
BT Information systems

Geography
UFC Geographers
RT Geographic areas
Geographic distribution
BT Earth sciences+
NT Biogeography+
Hydrography
Hypsography
Military geography
Orography

Geoids
RT Geodesy
BT Earth models+

Geologic age determination
UF Geological time
RT Geophysics
BT Determination

Geologic formation
BT Structural geology+

Geologic models
BT Models

Geologic structures
use Structural geology

Geological surveys
(1-DEC-1984)
RT Geodetic surveys
BT Surveys

Geological time
use Geologic age determination

Geology
BT Earth sciences+
NT Astrogeology+
Economic geology+
Engineering geology
Geomorphology+
Glaciology
Hydrogeology+
Lithology
Marine geology
Metamorphic geology+
Paleontology+
Petrology+
Photogeology
Rock+
Sedimentology+
Stratigraphy
Tectonics+
Volcanism

Geomagnetism
UF Terrestrial magnetism
RT Electrojets

Geomagnetism (cont.)
BT Geophysics+
Magnetic properties+
NT Paleomagnetism

Geometric forms
RT Geometry
NT Blunt bodies
Bodies of revolution+
Curved profiles+
Disks
Ellipsoids
Flared afterbodies
Lines(Geometry)+
Prismatic bodies
Pyramids
Rectangular bodies
Rhombus
Rings+
Slender bodies+
Spikes
Stripes
Toroids
Wedges

Geometry
RT Angles
Geometric forms
Lines(Geometry)
BT Mathematics
NT Algebraic geometry
Analytic geometry+
Differential geometry+
Plane geometry
Points(Mathematics)
Polygons+
Projective geometry
Pyramids(Geometry)
Quadrants
Splines(Geometry)
Tangents
Topology+

Geomorphology
BT Geodynamics+
Geology+
Morphology
NT Glacial geology
Orography
Petrography
Sedimentation
Structural geology+

Geophones
BT Seismometers+

Geophysical prospecting
RT Geophysics
NT Well logging

Geophysicists
use all Geophysics
Scientists

Geophysics
UFC Geophysicists
RT Geologic age determination
Geophysical prospecting
BT Earth sciences+
Physics+
NT Geodynamics+
Geomagnetism+

Geopolitics
BT Political science+

Geopotential
BT Gravity
Potential energy+

Georgia
BT United States+

Georgia(Republic)
(1-OCT-1994)
BT Southwest Asia+

Geostrophic currents
(1-MAY-1983)
Currents defined by assuming the existence of an exact balance between the horizontal pressure gradient force and the coriolis force.
RT Geostrophic wind
BT Ocean currents+

Geostrophic wind
RT Geostrophic currents
BT Wind+

Geotechnical engineering
(1-OCT-1992)
Application of engineering techniques to the exploitation and utilization of natural resources.
RT Soil mechanics
BT Civil engineering+
NT Geotextiles

Geotextiles
(1-OCT-1993)
A woven or non-woven fabric manufactured from synthetic fibers or yarns that is designed to serve as a continuous membrane between soil and aggregate in a variety of earth structures.
BT Geotechnical engineering+
Textiles

Geothermy
RT Geochemistry
BT Heat

Geriatrics
(1-SEP-1981)
That branch of medical science concerned with aging and its diseases.
RT Aging(Physiology)
BT Clinical medicine+
Gerontology+

Germ cells
BT Cells(Biology)+

Germ free animals
BT Laboratory animals+

Germ free atmospheres
BT Controlled atmospheres+

German Democratic Republic
use East Germany

German language
RT Austria
Germany
BT Foreign languages+

Germanates
BT Germanium compounds+

Germanium
RT Germanium alloys
Germanium compounds
BT Metalloids+
Metals+

Germanium alloys
RT Germanium
Germanium compounds
BT Metalloid alloys+

Germanium compounds
RT Germanium
Germanium alloys
BT Group IV compounds+
NT Germanates

Germany
(1-OCT-1991)
The Federal Republic of Germany after reunification in October 1990.
RT German language
BT Central Europe+
European communities+
NT Berlin
Germany(East and West)+

Germany(East and West)
BT Germany+
NT East Germany
West Germany

Germicides
UF Antiseptics
Bactericides
Sporicides
BT Biocides+

Germination
BT Plant growth+

Gerontology
(1-SEP-1981)
The scientific study of the phenomena and the problems of aging.
RT Aging(Physiology)
BT Medicine+
NT Geriatrics

Gettering
RT Degasification
Getters
BT Adsorption+

Getters
RT Gettering
Ion pumps
BT Adsorbents

Ghana
UF Gold coast
BT Subsaharan Africa+
West Africa+

Gibraltar
BT Spain+

Gibraltar Strait
BT Straits+

Gimbaled nozzles
use Movable nozzles

Gimbals
RT Bearings
Gyroscopes
Stabilized platforms
BT Mechanical components+

Gingivae
RT Gingivitis
Teeth
BT Mouth+

Gingivitis
RT Gingivae
BT Oral diseases+

Girder bridges
RT Girders
BT Bridges

Girders
RT Girder bridges
BT Beams(Structural)+

Glacial deposits
RT Glacial geology
Glaciers
BT Deposits

Glacial geology
RT Glacial deposits
Glaciers
BT Geomorphology+

Glaciers
RT Glacial deposits
Glacial geology
Glaciology
BT Ice
Landforms+

Glaciology
RT Glaciers
BT Geology+

Glanders
use all Actinobacillus mallei
Diseases

Glands
UF Preputial glands
RT Endocrinology
BT Organs(Anatomy)+
NT Endocrine glands+
Lacrimal glands
Mammary glands
Pancreas
Pineal gland
Salivary glands+
Sex glands+
Sweat glands

Glare
RT Brightness
BT Specular reflection+

Glass
UFC Porous glass
RT Obsidian
Vitreous state
BT Ceramic materials
NT Alkali glass
Bulletproof glass
Fiberglass
Glass transition temperature
Laminated glass
Optical glass
Phosphate glass
Silica glass

Glass capacitors
BT Ceramic capacitors+

Glass eyes
use all Eye
Prosthetics

Glass fibers
RT Fiberglass
Glass textiles
BT Fibers

Glass laminates
use Laminated glass

Glass lasers
BT Solid state lasers+
NT Neodymium lasers

Glass reinforced plastics
BT Reinforced plastics+

Glass resistors
BT Resistors+

Glass seals
BT Seals(Stoppers)

Glass textiles
RT Glass fibers
BT Textiles

Glass transition temperature
(1-OCT-1999)
RT Phase transformations
BT Glass+
Transition temperature+

Glasses
use Eyeglasses

Glassy carbon
BT Carbon+

Glaucoma
(1-NOV-1980)
An eye disease characterized by increased intraocular pressure due to restricted outflow of the aqueous veins and Schlemm's Canal.
BT Eye diseases+

Glauert coefficient
use Aerodynamic forces

Glazes
BT Ceramic coatings+
Finishes

Gliadins
use Prolamines

Glide bombs
(1-SEP-1990)
Bombs fitted with airfoils to provide lift; released in the direction of a target by an aircraft.
BT Bombs+

Glide path systems
UFC Glide path transmission
BT Air traffic control systems
NT Glide slope

Glide path transmission
use all Glide path systems
Radio transmission

Glide slope
BT Glide path systems+

Gliders
UF Sailplanes
UFC Tailless gliders
Transport gliders
RT Gliding
Sailwings
BT Aircraft

Gliding
RT Flight paths
Gliders
BT Free flight+

Glint
BT Reflection

Global
NT International

Global communications
(1-SEP-1981)
Worldwide communications.
BT Telecommunications+

Global positioning system
BT Position finding+

Global warming
use Greenhouse effect

Globe valves
BT Valves

Globins
use Proteins(Simple)

Globulins
BT Blood proteins+
Proteins(Simple)+
NT Immunoglobulins
Muscle proteins
Myoglobulin
Myosin
Ricin
Serum globulin+

Glomeruli
BT Kidneys+

Glossaries
use Dictionaries

Gloves
UF Handwear
Mittens
BT Protective clothing+
NT Rubber gloves

Glow anemometers
use Anemometers

Glow discharges
RT Gas discharges
Glow lamps
BT Electric discharges+

Glow lamps
Lamps using nonrectifying glow discharges as the illuminating source.
RT Glow discharges
BT Lamps+

Glucagon
BT Pancreatic hormones+

Glucanases
BT Enzymes

Glucides
use Glycosides

Glucogen
use Glycogen

Glucose
RT Glycolysis
BT Hexoses+
NT Acid citrate dextrose

Glucuronic acid
use Uronic acids

Glues
use Adhesives

Glutamic acid
BT Amino acids+

Glutaminase
BT Amide hydrolases+

Glutamine
BT Amino acids+

Glutaric acid
BT Amino acids+

Glutathione
BT Coenzymes+
Peptides+

Glutelins
use Proteins(Simple)

Gluten
BT Proteins

Glycerides
BT Esters+
NT Serum triglycerides

Glycerolization
RT Glycerols
BT Chemical reactions+

Glycerols
RT Glycerolization
Nitroglycerin
BT Alcohols+

Glyceryl nitrate
use Nitroglycerin

Glyceryl trinitrate
use Nitroglycerin

Glycidyl ether
BT Ethers+

Glycidyl nitrate
BT Nitrates+

Glycine
BT Amino acids+

Glycinin
BT Proteins

Glycogen
UF Animal starch
Glucogen
Hepatin
RT Glycolysis
BT Polysaccharides+

Glycolic acid
BT Organic acids+

Glycolipids
BT Lipids

Glycols
BT Alcohols+
NT Ethylene glycol
Propylene glycol

Glycolysis
RT Glucose
Glycogen
BT Metabolism+

Glycoproteins
UF Mucoid
Mucoproteins
BT Proteins(Conjugated)+
NT Mucin

Glycosidases
BT Glycoside hydrolases+

Glycoside hydrolases
UF Amylases
Diastases
Invertase
Lactases
Ptyalin

Glycoside hydrolases (cont.)
Serum anylase
BT Glycosides+
Hydrolases+
NT Cellulase
Glycosidases
Muramidase

Glycosides
UF Glucides
Saponins
BT Carbohydrates+
NT Glycoside hydrolases+

Glyoxylic acid
BT Carboxylic acids+

Gnathostomiasis
RT Diptera
BT Parasitic diseases+

Gnats
use Diptera

Goal programming
BT Mathematical programming+
NT Game theory+

Goats
BT Livestock+
Mammals+

Goggles
RT Eye safety
BT Clothing
NT Aviation goggles

Gold
UFC Gold poisoning
RT Gold alloys
Gold compounds
BT Precious metals+

Gold alloys
RT Gold
Gold compounds
Gold intermetallics
BT Alloys

Gold coast
use Ghana

Gold compounds
RT Gold
Gold alloys
BT Group I compounds+
NT Gold intermetallics

Gold intermetallics
RT Gold alloys
BT Gold compounds+
Intermetallic compounds+

Gold poisoning
use all Gold
Metal poisoning

Goldstein's model
use Partial differential equations

Gonadotropins
RT Pituitary hormones
BT Hormones+
NT Prolactin

Gonads
use Sex glands

Gondolas
UFC Balloon gondolas
RT Airships
BT Cargo vehicles+

Goniometers
BT Measuring instruments+

Gonococcus
use Neisseria gonorrhoeae

Gonorrhea
RT Neisseria gonorrhoeae
BT Venereal diseases+

Goodness of fit tests
(1-SEP-1990)
The degree to which the observed frequencies of occurrence of events in an experiment correspond to the probabilities in a model of the equipment. Also known as best fit.
BT Statistical tests+

Gorges
use Canyons

Goursat problem
use Partial differential equations

Government(Foreign)
UF Foreign government
RT Foreign policy
BT Foreign
Political science+

Government(Military)
use Military government

Government employees
UF Civil service employees
BT Civilian personnel+
NT Foreign service officers+
President(United States)

Government furnished equipment
(1-DEC-1984)
Equipment furnished to a contractor by the government.

Government procurement
BT Procurement+
NT Military procurement+

Governors
use Speed regulators

GP bombs
use General purpose bombs

Grade structure(Personnel management)
BT Personnel management+

Gradient equation
use Differential equations

Gradients
NT Pressure gradients
Temperature gradients+

Gradiometers
BT Magnetometers+
Measuring instruments+

Graduates
RT Schools
BT Personnel

Graft polymerization
BT Polymerization+

Grafts
use Surgical transplantation

Grain boundaries
BT Grain structures(Metallurgy)+

Grain growth
RT Grain size
BT Growth(General)

Grain size
RT Grain growth
BT Sizes(Dimensions)+

Grain structures(Metallurgy)
BT Crystal structure+
Metallurgy+
NT Grain boundaries

Grains(Propellants)
use Propellant grains

Grains(Rocket propellant)
use Rocket propellant grains

Gram negative bacteria
BT Bacteria+

Gram positive bacteria
BT Bacteria+

Gramineae
use Grasses

Grammars
RT Language
BT Linguistics+
NT Context free grammars
Context sensitive grammars
Parsers
Phrase structure grammars
Semantics+
Syntax
Transformational grammars

Grand Forks
BT North Dakota+
Urban areas+

Granite
BT Igneous rock+

Grants
RT Financial management
BT Payment+

Granular materials
(1-OCT-1992)
RT Pellets
BT Materials

Granules
BT Cytoplasm+

Granulocytes
BT Leukocytes+
NT Polymorphonuclear granulocytes
Polymorphonuclear leukocytes+

Granuloma
BT Venereal diseases+

Graphic arts
BT Graphics
NT Drafting

Graphical user interface
(1-OCT-1996)
BT Input output processing+
Man computer interface+
NT Internet browsers

Graphics
NT Computer graphics
Graphic arts+
Interactive graphics

Graphite
RT Graphited materials
BT Carbon+
Rock forming minerals+
NT Graphitic foam
Pyrolytic graphite

Graphite epoxy composites
(1-JUN-1989)
BT Epoxy composites+

Graphite moderated reactors
BT Nuclear reactors
NT Sodium graphite reactors

Graphited materials
RT Graphite
BT Composite materials+
Lubricants

Graphitic foam
(1-APR-00)
BT Graphite+
Porous materials+

Graphs
RT Grids
NT Distribution curves
Histograms
Hodographs

Grapnels
BT Anchors

Grasses
Includes both plants and plant products.
UF Gramineae
Turf
RT Grasslands
BT Plants(Botany)+

Grasslands
UF Grazing lands
Meadowlands
Prairies
Savannahs
RT Grasses
BT Landforms+

Gratings(Optics)
use Gratings(Spectra)

Gratings(Spectra)
UF Diffraction gratings
Gratings(Optics)
Planar gratings

Gravel
RT Aggregates(Materials)
BT Soils

Gravimeters
(1-JUN-1989)
Devices for measuring gravitation.
RT Accelerometers
Gravimetric analysis
Gravimetry
BT Measuring instruments+

Gravimetric analysis
RT Gravimeters
Gravimetry
BT Chemical analysis
NT Thermogravimetric analysis

Gravimetry
RT Gravimeters
Gravimetric analysis
Gravity

Gravitational fields
BT Gravity
NT Centrifugal fields+

Gravity
RT Gravimetry
Gravity waves
N body problem
NT Center of gravity
Geopotential
Gravitational fields+
Gravity(Artificial)
Gravity anomalies+

Gravity(Artificial)
BT Gravity

Gravity anomalies
BT Anomalies
Gravity
NT Bouguer gravity anomalies

Gravity waves
RT Gravity
BT Mechanical waves+

Gray(Color)
(1-NOV-1980)
BT Colors+

Gray scale
RT Optical images
BT Optical properties+

Grazing
RT Grazing angles
BT Low angles+

Grazing angles
(1-OCT-1995)
RT Grazing
BT Angle of incidence+
Low angles+

Grazing lands
use Grasslands

Grease guns
RT Greases
BT Small tools+

Greases
RT Grease guns
BT Lubricants

Greases (cont.)
NT Instrument greases

Great Lakes
BT Lakes+
NT Lake Erie
Lake Huron
Lake Michigan
Lake Ontario
Lake Superior

Greece
BT Eastern Europe+
European communities+

Green(Color)
(1-NOV-1980)
BT Colors+

Green space
use Functional analysis

Greenhouse effect
UF Global warming
BT Atmospheric disturbances

Greenhouses
BT Shelters+

Greenland
BT Atlantic Ocean Islands+

Greenland Sea
BT North Atlantic Ocean+

Greens functions
BT Special functions(Mathematics)+

Green's operators
use Operators(Mathematics)

Grenada
(1-SEP-1990)
An island in the West Indies.
BT Lesser Antilles+

Grenade fuzes
RT Grenades
BT Fuzes(Ordnance)+

Grenade launchers
RT Grenades
BT Launchers
NT Rifle grenade launchers

Grenades
UF Hand grenades
UFC Smoke grenades
RT Grenade fuzes
Grenade launchers
BT Ammunition+
NT Illuminating grenades

Grids
RT Coordinates
Graphs
Grilles
NT Grids(Coordinates)+
Mesh

Grids(Coordinates)
BT Coordinates
Grids
NT Latitude+
Longitude

Grignard reactions
RT Grignard reagents
BT Condensation reactions+

Grignard reagents
RT Grignard reactions
BT Chemical agents

Grilles
RT Grids
BT Fences+

Grinders
UF Sanders
RT Grinding
NT Ball mills
Grinding wheels+

Grinding
RT Abrasion
Grinders
BT Comminution

Grinding wheels
UF Abrasive wheels
RT Milling machines
BT Grinders
Tools
Wheels
NT Diamond wheels

Griseofulvin
RT Fungicides
BT Antibiotics+

Grit
RT Abrasives
BT Sand+

Groins(Structures)
(1-SEP-1990)
Rigid structures built out at an angle from shore to protect the shore from erosion by currents, tides, and waves or to trap sand.
UF Wing dams
BT Structures

Grommets
BT Fastenings

Grooving
RT Corrugating
Milling machines
BT Surface finishing+

Ground anchors
use Anchors(Structural)

Ground based
(1-JUN-1989)
RT Space based

Ground clutter
UF Terrain clutter
RT Sea clutter
BT Radar clutter+

Ground controlled approach radar
UF GCA radar
BT Radar landing control+

Ground controlled interception
BT Interception

Ground crews
BT Crews+

Ground effect
RT Ground effect machines
BT Fluid dynamics+

Ground effect machines
UF Hovercraft
RT Flying platforms
Ground effect
BT Aircraft
Surface effect vehicles+
NT Air cushion vehicles
Captive airspace craft

Ground level
NT Sea level

Ground motion
BT Earth movements+
Motion

Ground penetrating radar
(1-APR-1999)
BT Search radar+

Ground photographs
BT Photographs+

Ground position indicators
Refers to actual position of aircraft with reference to fixed point on the ground.
RT Indicators
Position finding
BT Flight instruments+
Navigational aids+

Ground roll(Aeronautics)
BT Roll+
NT Taxiing

Ground shock
BT Shock(Mechanics)+

Ground speed
RT Ground speed indicators
BT Flight speeds+

Ground speed indicators
RT Ground speed
BT Flight speed indicators+

Ground state
BT Atomic energy levels+

Ground stations
BT Stations+

Ground support
NT Close support+

Ground support equipment
RT Checkout equipment
NT Transporter erectors

Ground traffic
RT Land transportation
BT Traffic
NT Offroad traffic

Ground vehicle antennas
BT Antennas

Ground vehicles
BT Vehicles
NT Forklift vehicles
Railroad cars+
Sleds+
Snow vehicles
Surface effect vehicles+
Tracked vehicles+

Ground water
RT Vadose zone
BT Water+
Water supplies+
NT Aquicludes
Aquifers+
Drawdown
Hard water

Ground waves(Electromagnetic)
BT Radio waves+

Ground zero
(1-DEC-1984)
A point on the earth's surface directly above, below, or at the precise place where a weapon is aimed (planned ground zero) or where it explodes (actual ground zero).

Ground zero (cont.)
RT Surface zero
BT Surface targets+

Group A arboviruses
BT Arboviruses+
NT Chikungunya virus
Equine encephalomyelitis virus+
Mayaro virus
Semliki virus
Sindbis virus

Group B arboviruses
BT Arboviruses+
NT Dengue virus
Japanese B encephalitis virus
Kyasanur forest disease virus
Louping ill virus
Murray valley encephalitis virus
Omsk virus
Russian spring summer encephalitis virus
Saint Louis encephalitis virus
West Nile virus
Yellow fever virus

Group C arboviruses
BT Arboviruses+
NT Apeu viruses
Marituba virus
Oriboca virus

Group displays
BT Display systems

Group dynamics
BT Human relations+
Social psychology+
NT Cooperation
Teams(Personnel)+

Group I compounds
BT Chemical compounds
NT Copper compounds+
Gold compounds+
Silver compounds+

Group II compounds
BT Chemical compounds
NT Cadmium compounds+
Mercury compounds+
Zinc compounds+

Group III compounds
BT Chemical compounds
NT Aluminum compounds+
Boron compounds+
Gallium compounds+
Indium compounds+
Scandium compounds
Thallium compounds
Yttrium compounds+

Group III metals
BT Metals+

Group II-VI compounds
BT Chemical compounds

Group IV compounds
BT Chemical compounds
NT Carbides+
Germanium compounds+
Hafnium compounds+
Lead compounds+
Silicon compounds+
Tin compounds+
Titanium compounds+
Zirconium compounds+

Group IVa metals
BT Metals+

Group theory(Mathematics)
use all Groups(Mathematics) Theory

Group therapy
BT Psychotherapy+

Group V compounds
BT Chemical compounds
NT Antimony compounds+
Arsenic compounds+
Bismuth compounds+
Niobium compounds+
Nitrogen compounds+
Phosphorus compounds+
Tantalum compounds+
Vanadium compounds+

Group velocity
(1-OCT-1991)
Velocity of the envelope of a group of interfering waves.
RT Phase velocity
BT Waveforms

Group VI compounds
BT Chemical compounds
NT Chalcogens
Chromium compounds+
Hydroxides+
Molybdenum compounds+
Oxides+
Polonium compounds
Selenium compounds+
Tellurium compounds+
Tungsten compounds+

Group VII compounds
BT Chemical compounds
NT Halogen compounds+
Manganese compounds+
Rhenium compounds
Technetium compounds

Group VIII compounds
BT Chemical compounds
NT Cobalt compounds+
Iridium compounds
Iron compounds+
Nickel compounds+
Osmium compounds
Palladium compounds
Platinum compounds
Rhodium compounds
Ruthenium compounds+

Groups(Mathematics)
UF Abelian groups
Bicyclic structure(Mathematics)
Cyclic groups
C-sets
Engle condition
Infinitesimal generator
Kernels(Group theory)
Lorentz group
Morse theory
Sylow classes
Tower theorem
UFC Group theory(Mathematics)
BT Mathematics
NT Monoids

Grout
RT Grouting
BT Mortars(Material)+

Grouting
(1-OCT-1992)
The act or process of applying grout or the injection of grout into grout holes or crevices in rock.
RT Grout

Growth(General)
RT Accumulation
NT Crystal growth+
Grain growth
Growth(Physiology)+

Growth(Physiology)
RT Growth substances
BT Growth(General)
Physiology
NT Dysplasia
Maturation
Morphology(Biology)+
Osteogenesis
Plant growth+

Growth equation
use Nonlinear differential equations

Growth regulators
use Growth substances

Growth substances
UF Auxins
Growth regulators
RT Fertilizers

Growth substances (cont.)
Growth(Physiology)
BT Hormones+
NT Plant hormones

Gruneisen constant
RT Crystal structure
BT Constants

Guajira Peninsula
BT Colombia+
Peninsulas+

Guam
(1-SEP-1981)
The largest and southernmost of the Marianas Islands in the west central Pacific.
BT Micronesia+

Guanidine nitrates
BT Guanidines+
Nitrates+

Guanidines
BT Amines+
NT Guanidine nitrates
Nitroguanidine

Guanine
BT Purines+

Guanosine
(1-SEP-1981)
Guanine riboside, a nucleoside composed of guanine and ribose. A crystalline nucleoside that is isolated especially from vetch seedlings or coffee leaves and berries that is obtained by partial hydrolysis of ribonucleic acid, and that yields on hydrolysis guanine and ribose.
BT Nucleosides+

Guarantees
UF Warranties

Guard rings
RT Safety equipment
BT Rings+

Guatemala
BT Central America+

Guerrilla warfare
RT Booby traps
Terrorism
BT Unconventional warfare+
NT Ambush
Arab guerrillas

Guidance
RT Navigation
NT Celestial guidance+

Guidance (cont.)
Command guidance+
Correlation guidance
Inertial guidance+
Injection guidance
Laser guidance
Magnetic guidance
Midcourse guidance
Preset guidance
Rendezvous guidance
Semiactive guidance
Television guidance
Terminal guidance+
Video map matching

Guidance computers
BT Computers+

Guide vanes
RT Hydrofoils
Steering
BT Control surfaces+
NT Inlet guide vanes
Jet tabs
Jet vanes
Jetavators

Guided bombs
RT Guided missiles
BT Bombs+
Guided weapons+

Guided missile antennas
Antennas located on guided missiles.
RT Rocket antennas
BT Antennas
Guided missile components+

Guided missile batteries
BT Electric batteries
Guided missile components+

Guided missile components
RT Rocket components
Spacecraft components
BT Guided missiles
NT Guided missile antennas
Guided missile batteries
Guided missile computers
Guided missile domes
Guided missile fuzes
Guided missile warheads+
Guided missile windows
Nose cones

Guided missile computers
Computers housed in guided missiles.
BT Computers+
Guided missile components+

Guided missile countermeasures
Countermeasures against guided missiles.

Guided missile countermeasures (cont.)
RT Antimissile defense systems
Guided missile defense systems
BT Countermeasures+

Guided missile defense systems
Systems designed for the protection or self defense of guided missiles.
RT Guided missile countermeasures
BT Defense systems

Guided missile detection
RT Antimissile defense systems
Guided missile signatures
BT Detection

Guided missile domes
BT Domes(Structural forms)+
Guided missile components+

Guided missile fuzes
RT Rocket fuzes
BT Fuzes(Ordnance)+
Guided missile components+

Guided missile launchers
Includes launchers having provision for initial guidance of guided missiles, including orientation of missile from launch site to target and input of data to the missile prior to firing, as required.
BT Launchers
NT Guided missile silos

Guided missile models
RT Guided missile simulators
BT Models

Guided missile personnel
BT Military personnel+

Guided missile ranges
BT Ranges(Facilities)+

Guided missile safety
BT Safety

Guided missile ships
BT Naval vessels(Combatant)+

Guided missile signatures
(1-DEC-1984)
The characteristic pattern of a guided missile as displayed by detection and classification equipment.
RT Guided missile detection
BT Target signatures+

Guided missile silos
BT Guided missile launchers+

Guided missile simulators
RT Guided missile models
BT Simulators+

Guided missile targets
BT Targets

Guided missile tracking systems
BT Tracking

Guided missile trajectories
RT Ballistic trajectories
Rocket trajectories
BT Trajectories+

Guided missile warheads
RT Rocket warheads
BT Guided missile components+
Warheads+
NT Kill vehicles

Guided missile windows
RT Antenna windows
BT Guided missile components+
Windows+

Guided missiles
Ordnance items subject to guidance after launching as distinguished from rockets, projectiles, and free-fall missiles which cannot be guided after launching.
UF Ballistic missiles
UFC Canard missiles
RT Guided bombs
Rockets
NT Air to air missiles
Air to space missiles
Air to surface missiles+
Air to underwater missiles
Antiaircraft missiles
Antiradiation missiles
Antisatellite missiles
Antiship missiles
Antisubmarine missiles
Antitank missiles
Cruise missiles
Fleet ballistic missiles
Guided missile components+
Multipurpose missiles
Reconnaissance missiles
Surface to air missiles
Surface to surface missiles+
Surface to underwater missiles
Underwater to surface missiles
Underwater to underwater missiles

Guided projectiles
BT Guided weapons+
Projectiles+

Guided weapons
BT Weapons+
NT Fire and forget weapons

Guided weapons (cont.)
Guided bombs
Guided projectiles
Smart weapons

Guinea pigs
BT Rodents+

Gulf Stream
BT Ocean currents+

Gulfs
BT Geographic areas
NT Aden Gulf
Alaska Gulf
California Gulf
Maine Gulf
Mexico Gulf
Oman Gulf
Persian Gulf
Pohai Gulf
Suez Gulf
Tonkin Gulf

Gull wings
use Cranked wings

Gulls
BT Shorebirds+

Gulonic acid
use Sugar acids

Gum stocks
RT Rubber

Gun actuation counters
use Rounds counters

Gun air defense systems
BT Antiaircraft defense systems+

Gun barrel attachments
BT Gun barrels+
NT Gun sights+
Muzzle brakes

Gun barrels
UF Cannon tubes
BT Gun components+
NT Gun barrel attachments+
Rifling

Gun boats
RT Motor torpedo boats
BT Boats

Gun chambers
BT Gun components+

Gun chargers
UF Gun cycling devices
BT Gun components+

Gun components
BT Guns+
NT Ammunition feed mechanisms
Breech mechanisms
Cartridge case extractors
Elevating gear
Firing mechanisms(Weapon)+
Gun barrels+
Gun chambers
Gun chargers
Gun mounts
Gun muzzles
Link chutes
Recoil mechanisms
Reflex collimators
Rounds counters
Silencers(Ordnance)
Training gear
Traversing mechanisms

Gun crews
BT Crews+

Gun cycling devices
use Gun chargers

Gun directors
BT Fire control system components+
NT Elevating gear
Training gear

Gun flash
use Propellant flash

Gun launched
(1-SEP-1981)
The action of launching guided missiles or rockets from a gun.
RT Gun launchers
BT Launching

Gun launchers
RT Gun launched
Rifle grenade launchers
BT Launchers

Gun mounts
UFC Antiaircraft gun mounts
Mortar baseplates
Mortar mounts
BT Gun components+
Mounts+

Gun muzzles
BT Gun components+

Gun propellants
BT Propellants
NT Double base gun propellants
Liquid gun propellants

Gun sight cameras
BT Cameras+

Gun sight telescopes
use Telescopic gun sights

Gun sights
BT Gun barrel attachments+
Sights+
NT Gyroscopic sights
Illuminated sights
Optical sights+
Radar gun sights
Sniperscopes

Gun smoke
BT Smoke+

Gun turrets
UF Gunhouses
RT Aircraft turrets
NT Tank turrets

Gunfire
RT Guns
Indirect fire
BT Gunnery
NT Artillery fire

Gunfire control systems
use Fire control systems

Gunhouses
use Gun turrets

Gunn diodes
BT Semiconductor diodes+

Gunn effect
BT Oscillation+

Gunners
RT Gunnery
BT Military personnel+
Operators(Personnel)+
NT Aerial gunners

Gunnery
RT Artillery
Gunners
Gunnery trainers
NT Aerial gunnery
Antiaircraft gunnery
Artillery fire
Gunfire+
Line of fire
Marksmanship
Naval gunnery
Salvos

Gunnery trainers
RT Gunnery
BT Training devices+

Guns
UFC Automatic guns
RT Gunfire
BT Ordnance

Guns (cont.)
NT Air guns
Aircraft guns
Antiaircraft guns
Antitank guns
Dual purpose guns
Electric guns+
Gas guns+
Gun components+
Howitzers
Hypervelocity guns+
Liquid propellant guns
Mortars
Naval guns
Recoilless guns
Self propelled guns
Small arms+
Tank guns
Water cannons

Gunships
BT Tactical aircraft+

Gust loads
Loads imposed on aircraft or surface structures by vertical air currents or gusts of wind.
RT Gusts
BT Aerodynamic loading+

Gusts
Sudden, brief movements of air at velocities in excess of the steady movement velocity.
RT Gust loads
Vertical gust recorders
BT Wind+

Guy stakes
use Anchors(Structural)

Guy wires
RT Anchors(Structural)
BT Structural components+

Guyana
UF British Guyana
BT South America+

Gymnemic acid
BT Organic acids+

Gynecology
RT Females
Reproduction(Physiology)
BT Internal medicine+
NT Obstetrics

Gynecomastia
use all Diseases
Mammary glands

Gypsum
BT Calcium compounds+
Minerals

Gypsum (cont.)
Ores(Nonmetallic)
Sedimentary rock+
Sulfates+

Gyrators
BT Phase shift circuits+

Gyro compasses
BT Compasses+

Gyro sextants
BT Measuring instruments+

Gyro stabilizers
BT Stabilization systems+

Gyroscopes
RT Gimbals
Precession
NT Electrically suspended gyros

Gyroscopic sights
BT Gun sights+

Gyrotheodolites
BT Theodolites+

Gyrotron amplifiers
use Gyrotrons

Gyrotrons
(1-SEP-1981)
A device that detects the motion of a system by measuring the phase distortion which occurs when a vibrating tuning fork is moved. The altered fork frequency is compared to a reference frequency that was originally in phase with the fork frequency.
UF Gyrotron amplifiers

G-forces
use Acceleration

H

H agents
use Mustard agents

H band
BT Superhigh frequency+

H bombs
use Nuclear bombs

Haar's theorem
use Numerical analysis

Habitability
RT Environments
BT Human factors engineering+

Habitats
(1-DEC-1984)
The place where a plant or animal species naturally lives and grows.
RT Animals
Environments
BT Ecology

Habits
RT Habituation learning
BT Behavior+

Habituation learning
RT Habits
BT Learning+

Hacksaw blades
use Saw blades

Hadamard's method
use Partial differential equations

Haemophilus influenzae
use Brucellaceae

Hafnium
RT Hafnium alloys
Hafnium compounds
BT Transition metals+

Hafnium alloys
RT Hafnium
Hafnium compounds
BT Alloys

Hafnium compounds
RT Hafnium
Hafnium alloys
BT Group IV compounds+
NT Hafnium titanate

Hafnium titanate
BT Hafnium compounds+
Titanates+

Hahn-Banach theorem
use Functional analysis

Hail
UF Hailstones
RT Ice formation
BT Hydrometeors+

Hailstones
use Hail

Hair
UFC Hair textiles
RT Cilia
Woolen textiles
BT Integumentary system+

Hair textiles
use all Hair
Textiles

Haiti
BT West Indies+

Half life
UF Radioactive decay constant
RT Decay

Half wave rectifiers
BT Rectifiers+

Half-tracks
use Tracked vehicles

Halibut
use Fishes

Halides
UFC KRS-5
BT Halogen compounds+
NT Barium halides
Bromides+
Chlorides+
Fluorides+
Iodides+
Oxyhalides+
Silver halides+
Sulfonyl halides

Halite
use Rock salt

Hall effect
BT Magnetic properties+

Hallucinogens
UF Psychomimetic agents
BT Psychotropic agents+
NT Lysergic acids
Psilocin

Halocarbon plastics
UF KEL-F
BT Thermoplastic resins+

Halogen compounds
RT Halogens
BT Group VII compounds+
NT Astatine compounds
Bromine compounds+
Chlorine compounds+
Fluorine compounds+
Halides+
Halogenated hydrocarbons+
Halohydrins
Iodine compounds+

Halogenated hydrocarbons
RT Halogenation
BT Halogen compounds+
Hydrocarbons+
Organic compounds

Halogenated hydrocarbons (cont.)
NT Aldrin
Carbon tetrabromide
Carbon tetrachloride
Carbon tetrafluoride
Chlordane
Chlorinated hydrocarbons+
Chlorobenzene
Chloroform
Chloromethanes
Chloroprenes+
DDT
Dieldrin
Fluorinated hydrocarbons+

Halogenation
RT Halogenated hydrocarbons
BT Chemical reactions+
NT Bromination
Chlorination
Fluorination
Iodination

Halogens
RT Halogen compounds
BT Nonmetals+
NT Astatine
Bromine
Chlorine
Fluorine
Iodine

Halohydrins
BT Halogen compounds+
Organic compounds

Ham
BT Meat+

Hamiltonian functions
RT Variational methods
BT Operators(Mathematics)+

Hammers
UF Chipping hammers
RT Nails(Fasteners)
BT Small tools+
NT Riveting hammers

Hammocks
use Bedding

Hamsters
BT Rodents+

Hand cranks
BT Small tools+

Hand generators
BT Electric generators+

Hand grenades
use Grenades

Hand held
RT Handling

Hand saws
use Saws

Handbooks
BT Books+

Handicapped persons
BT Personnel

Handling
RT Hand held
NT Cargo handling
Loading(Handling)+
Materials handling+
Stacking

Hands
BT Extremities+
NT Fingers+

Handwear
use Gloves

Handwriting
BT Writing

Hangar decks
RT Hangars
BT Ship decks+

Hangars
RT Hangar decks
BT Buildings+
Shelters+

Hangers
RT Fastenings
Mounting brackets
Mounts
BT Suspension devices+

Hankel functions
use Special functions(Mathematics)

Hantaan virus
(1-SEP-1990)
A genus of Arenaviridae; the agent of epidemic hemorrhagic fever. Also called Korean hemorrhagic fever virus.
UF Korean hemorrhagic fever virus
RT Hemorrhagic fevers
BT Arenaviruses+

Haploscopes
use Ophthalmology

Haptens
use Antigens

Haptoglobins
RT Alpha globulin
BT Proteins(Conjugated)+

Harbor defense systems
RT Antisubmarine defense systems
Ship defense systems
BT Defense systems
NT Harbor radar

Harbor models
RT Harbors
BT Models

Harbor radar
BT Harbor defense systems+
Radar

Harbors
RT Estuaries
Harbor models
Ports(Facilities)
NT Docks+
Pearl Harbor

Hard coal
use Anthracite

Hard copy
BT Documents

Hard hats
BT Headgear+

Hard water
RT Water softeners
BT Ground water+

Hard x rays
BT X rays+

Hardened structures
BT Structures

Hardening
UF Flame hardening
RT Hardness
Softening
NT Age hardening
Case hardening
Damage tolerance
Dispersion hardening
Nitriding
Radiation hardening+
Strain hardening
Sulfidization

Hardness
RT Hardening
BT Mechanical properties+
NT Dual hardness
Microhardness
Ultrahardness

Hardwoods
BT Wood

Hardy-Littlewood inequality
use Inequalities

Harmonic analysis
RT Banach space
Harmonic analyzers
BT Functional analysis+

Harmonic analyzers
RT Harmonic analysis
BT Frequency analyzers+
Wave analyzers+

Harmonic forms
use Potential theory

Harmonic generators
RT Harmonics
BT Generators

Harmonics
RT Harmonic generators
Hartree Fock approximation
BT Wave functions+

Harnack inequality
use Inequalities

Harnesses
RT Safety belts
BT Holders
Restraint

Hartree Fock approximation
RT Harmonics
BT Approximation(Mathematics)+

Hatches
BT Openings
Ship structural components+

Hawaii
BT Polynesia+
United States+
NT Midway Island
Pearl Harbor

Hazardous materials
RT Hazards
BT Materials
NT Hazardous wastes
Poisons+
Radioactive materials+

Hazardous wastes
(1-OCT-1992)
RT Toxic hazards
BT Hazardous materials+
Wastes

Hazards
RT Hazardous materials
Risk
Warning systems
NT Fire hazards
Radiation hazards+
Toxic hazards

Haze
RT Air pollution
BT Meteorological phenomena

HC projectiles
use High capacity projectiles

HD agent
(1-JUN-1989)
A distilled mustard agent. A delayed action casualty gas. A blister gas; acts as a cell irritant. A sulfur mustard agent.
BT Mustard agents+

HE bombs
use all Bombs
High explosive ammunition

HE shells
use all High explosive ammunition
Projectiles

HE warheads
use all High explosive ammunition
Warheads

Head
use Head(Anatomy)

Head(Anatomy)
UF Head
UFC Head injuries
RT Eye
BT Anatomy+
NT Ear+
Face(Anatomy)+
Mandible
Maxilla
Skull

Head(Fluid mechanics)
BT Hydrostatics+

Head injuries
use all Head(Anatomy)
Wounds and injuries

Head on orientation
BT Orientation(Direction)

Head up displays
BT Display systems

Headaches
BT Signs and symptoms+

Headgear
UF Caps(Headgear)
BT Protective clothing+
NT Hard hats
Helmets+
Visors

Headlamps
BT Lamps+

Headphones
use Earphones

Headrests

Healing
RT Therapy
BT Medicine+

Health
NT Mental health
Oral health
Physical fitness
Public health

Health care facilities
NT Dispensaries
Hospitals+
Outpatient clinics

Health care management
(1-OCT-1997)
RT Health surveys
BT Medical services+
NT CHAMPUS
Health care reform
Health maintenance organizations
Hospital administration

Health care reform
(1-OCT-1997)
BT Health care management+

Health maintenance organizations
(1-OCT-1997)
BT Health care management+

Health physics
RT Health physics instrumentation
BT Biophysics+

Health physics instrumentation
RT Health physics
NT Dosimeters+
Radiation alarms
Radiation monitors

Health surveys
RT Health care management
BT Surveys

Hearing
UFC Auditory afterimages
Auditory illusions
Auditory thresholds

Hearing (cont.)
RT Audiologists
Deafness
Ear
BT Senses(Physiology)+
NT Auditory acuity
Pitch discrimination
Psychoacoustics

Hearing aids
use all Deafness
Earphones

Hearing protection
use Ear protectors

Heart
UF Cardiac muscle
UFC Artificial heart
Coronary circulation
Heart(Artificial)
Heart catheterization
Heart-lung machine
RT Cardiac arrest
Cardiography
Myocardial infarction
Pacemakers
Pulse rate
BT Cardiovascular system+
Organs(Anatomy)+
NT Endocardium
Heart valves
Myocardium
Pericardium
Ventricles

Heart(Artificial)
use all Heart
Mechanical organs

Heart arrest
use Cardiac arrest

Heart catheterization
use all Cannulation
Heart

Heart function tests
BT Test methods+

Heart rate
RT Bradycardia
BT Rates

Heart valves
(1-OCT-1997)
BT Heart+

Heart-lung machine
use all Heart
Lung
Mechanical organs

Heat
RT Heat balance
Heat recovery
NT Geothermy
Latent heat+

Heat acclimatization
(1-OCT-1991)
Slow physiological adaptation resulting from prolonged exposure to significantly elevated environmental temperature.
BT Acclimatization+

Heat balance
RT Heat
BT Balance

Heat conductivity
use Thermal conductivity

Heat engines
RT Mechanical energy
Thermal propulsion systems
BT Engines
NT External combustion engines+
Internal combustion engines+

Heat equation
use Partial differential equations

Heat exchangers
BT Radiators(Heating and cooling)+

Heat flow
use Heat transmission

Heat flux
BT Flux(Rate)+

Heat loss
RT Cooling
BT Losses

Heat of activation
BT Activation
Chemical properties+
Thermodynamic properties+

Heat of combustion
UF Combustion heat
BT Chemical properties+
Combustion+
Thermodynamic properties+

Heat of formation
UF Formation heat
BT Chemical properties+
Thermodynamic properties+

Heat of fusion
UF Latent heat of fusion
RT Fusion(Melting)
BT Latent heat+
Thermodynamic properties+

Heat of reaction
RT Chemical reactions
BT Chemical properties+
Thermodynamic properties+
NT Calorific value

Heat of solution
BT Chemical properties+
Thermodynamic properties+

Heat of sublimation
BT Latent heat+
Thermodynamic properties+

Heat of vaporization
RT Vaporization
BT Latent heat+
Thermodynamic properties+

Heat pipes
BT Heat transfer
Pipes

Heat production(Biology)
BT Body temperature+

HEAT projectiles
use all High explosive ammunition
Projectiles
Shaped charges

HEAT projectiles(Antitank)
use all Antitank ammunition
High explosive ammunition
Projectiles

Heat pumps
BT Air conditioning equipment+
Heat transfer
Pumps

Heat recovery
RT Heat
BT Recovery

Heat resistant alloys
BT Alloys
Heat resistant materials+
NT Refractory metal alloys+
Superalloys

Heat resistant glass
UF Pyrex
BT Heat resistant materials+

Heat resistant materials
UFC Heat resistant paints
RT Thermal resistance
BT Materials
NT Heat resistant alloys+
Heat resistant glass
Heat resistant metals+
Heat resistant plastics
Refractory materials+

Heat resistant metals
BT Heat resistant materials+
Metals+
NT Refractory metals+

Heat resistant paints
use all Heat resistant materials
Paints

Heat resistant plastics
UF Heat resistant polymers
BT Heat resistant materials+
Plastics+

Heat resistant polymers
use Heat resistant plastics

Heat sealing
BT Seals(Stoppers)

Heat shields
RT Ablative materials
Flame deflectors
Thermal insulation
BT Shielding

Heat sinks
RT Absorbers(Materials)
BT Radiators(Heating and cooling)+

Heat stress(Physiology)
RT Heat stroke
Heat tolerance
BT Stress(Physiology)+

Heat stroke
RT Heat stress(Physiology)
BT Pathology+

Heat tolerance
RT Heat stress(Physiology)
BT Tolerances(Physiology)+

Heat transfer
For measurements of the time rate of heat flow per unit area, see Thermal conductivity.
RT Energy transfer
Heat transfer coefficients
NT Conduction(Heat transfer)
Convection(Heat transfer)
Heat pipes
Heat pumps
Heat transmission
Thermal conductivity

Heat transfer coefficients
RT Heat transfer
BT Coefficients

Heat transmission
UF Heat flow
BT Heat transfer

Heat treatment
RT Heating
NT Annealing
Carburizing
Case hardening
Firing(Ceramics)
Nitriding
Solution heat treatment
Stress relieving
Tempering

Heaters
RT Heating
Stoves
NT Air heaters+
Aircraft engine heaters
Arc heaters
Boilers
Electric heaters
Furnaces+
Heating elements
Heating plants
Ovens+
Radiant heating panels
Space heaters+
Superheaters
Vehicle heaters

Heating
RT Heat treatment
Heaters
NT Aerodynamic heating
Arc heating
Gas heating
Induction heating
Radiant heating
Solar heating
Superheating

Heating elements
UFC Electrically heated clothing
RT Cooking devices
BT Heaters

Heating oils
BT Fuels

Heating plants
BT Heaters

Heaving
NT Atmospheric heave
Frost heave

Heavy bosons
BT Bosons+
NT K mesons
Pions

Heavy duty
RT Ruggedized equipment

Heavy element compounds
BT Chemical compounds
NT Actinide series compounds+

Heavy element compounds (cont.)
Lead compounds+

Heavy fuels
BT Fuels

Heavy ions
BT Ions+

Heavy metals
BT Metals+
NT Lead(Metal)

Heavy particle radiation
BT Radiation

Heavy water
UF Deuterium oxide
BT Deuterium compounds+
Water+
NT Heavy water vapor

Heavy water reactors
Includes reactors that use light water cooling and heavy water moderation and cooling.
BT Nuclear reactors

Heavy water vapor
BT Heavy water+
Water vapor+

Height
RT Height finding
BT Sizes(Dimensions)+

Height finding
UF Altimetry
Height indicators
RT Height
BT Position finding+
NT Barometers
Hypsometers
Metacentric height
Stereoscopic height finding

Height indicators
use Height finding

Height of burst
BT Airburst+

Helical antennas
BT Directional antennas+

Helical paths(Charged particles)
use Cyclotron resonance

Helical springs
RT Helixes
BT Springs+

Helical wrap construction
use Tape wound construction

Helicopter blades
use Rotor blades(Rotary wings)

Helicopter engines
RT Helicopters
BT Aircraft engines+
NT Turboshaft engines

Helicopter hoists
BT Hoists+

Helicopter rotors
BT Rotary wings+
NT Antitorque rotors+
Folding helicopter rotors
Jet helicopter rotors
Telescoping rotors

Helicopters
UFC Antitank helicopters
RT Helicopter engines
BT Rotary wing aircraft+
NT Attack helicopters

Heliostats
BT Instrumentation+
Tracking telescopes+

Helipads
BT Heliports+
Landing pads+

Heliports
BT Airports+
NT Helipads

Helium
BT Rare gases+
NT Liquid helium

Helium bombardment
BT Particle accelerator techniques+

Helium cadmium lasers
BT Gas lasers+

Helium neon lasers
UF Neon helium lasers
BT Gas lasers+

Helixes
RT Helical springs
Springs
BT Curves(Geometry)+

Helmet mounted displays
BT Display systems

Helmets
BT Headgear+
NT Flight helmets

Helmholtz equations
(1-OCT-1995)
BT Partial differential equations+

Helminthic diseases
RT Worms
BT Parasitic diseases+
NT Filariasis
Hookworm disease
Schistosomiasis

Helminthosporium
BT Deuteromycetes(Imperfect fungi)+

Helminths
use Worms

Hemagglutination tests
RT Agglutination
BT Test methods+

Hematite
BT Ores(Metal sources)

Hematocrit
RT Hematology
BT Blood analysis+

Hematology
RT Hematocrit
Hemoglobin
Hemograms
Reticulocytosis
BT Biology+
NT Blood+
Blood analysis+
Blood banks
Blood cells+
Blood chemistry+
Hematopoiesis

Hematomas
BT Cardiovascular diseases+

Hematopoiesis
(1-MAY-1983)
The formation and maturation of blood cells and their derivatives.
UF Hemopoiesis
RT Hematopoietic cells
Hematopoietic system
BT Hematology+

Hematopoietic cells
RT Hematopoiesis
BT Blood cells+
Hematopoietic system+

Hematopoietic system
UF Blood forming organs
RT Hematopoiesis
BT Cardiovascular system+
NT Bone marrow+
Hematopoietic cells
Reticuloendothelial system+
Spleen

Heme
use Hemoglobin

Hemic diseases
use Blood diseases

Hemin
use Hemoglobin

Hemiptera
UF Reduviidae
Triatoma
BT Insects+

Hemispheres
RT Hemispherical shells
BT Bodies of revolution+
Convex bodies+

Hemispherical shells
RT Domes(Structural forms)
Hemispheres
BT Bodies of revolution+
Convex bodies+
Shells(Structural forms)+

Hemochromatosis
use Diabetes

Hemocyanin
use Chromoproteins

Hemoglobin
UF Heme
Hemin
Hemosiderin
Myoglobin
RT Hematology
BT Blood proteins+
Chromoproteins+
Organic pigments+
Porphyrins+
NT Methemoglobin

Hemograms
RT Hematology
BT Blood analysis+

Hemolymph
use Blood

Hemolysins
UFC Streptolysins
RT Hemolysis

Hemolysis
RT Hemolysins
BT Blood chemistry+
Lysis+

Hemophilia
(1-JUL-1998)
RT Hemorrhage
BT Blood diseases+
Genetic diseases+

Hemophilus influenzae
use Brucellaceae

Hemopoiesis
use Hematopoiesis

Hemorrhage
UF Bleeding
RT Hemophilia
BT Pathology+

Hemorrhagic fevers
RT Hantaan virus
Hemorrhagic shock
Junin virus
BT Fevers+
NT Bolivian hemorrhagic fever

Hemorrhagic shock
RT Hemorrhagic fevers
BT Shock(Pathology)+

Hemosiderin
use Hemoglobin

Hemosporidia
UF Hepatozoon
BT Sporozoa+
NT Babesia
Plasmodium+

HEP projectiles
use all High explosive ammunition
Plastic explosives
Projectiles

Heparin
RT Blood coagulation
BT Anticoagulants+

Heparin substitutes
use Anticoagulants

Hepatic ducts
use Biliary system

Hepatin
use Glycogen

Hepatitis
RT Hepatitis viruses
BT Liver diseases+
NT Serum hepatitis

Hepatitis viruses
RT Hepatitis
BT Viruses+
NT Infectious hepatitis virus

Hepatozoon
use Hemosporidia

Heptanes
BT Alkanes+

Herbicides
UF Anti-auxins
Weed killers
RT Biological weed control
Defoliants
Weed control
Weeds
BT Pesticides+
NT Agent Orange
Anticrop agents
Sporontocides

Heredity
use Genetics

Herglotz polynomials
use Polynomials

Hermetic seals
BT Seals(Stoppers)

Hermite functions
use Special functions(Mathematics)

Hermite transforms
use Integral transforms

Hermitian forms
use Matrices(Mathematics)

Heroin
BT Morphine+
Narcotics+

Herpes
use Herpes simplex virus

Herpes simplex virus
UF Herpes
BT Herpetic viruses+

Herpetic viruses
UF Stomatitis
BT Viruses+
NT Cytomegalovirus
Epstein Barr Virus
Herpes simplex virus
Monkey b virus

HESH projectiles
use all Antiarmor ammunition
Plastic explosives
Projectiles

Hesperidin
use Vitamin P

Heterocyclic compounds
BT Cyclic compounds+
NT Acridines
Azulenes
Benzimidazoles
Caffeine
Cyanine
Nicotinic acid+
Heterocyclic compounds (cont.)
Nitrogen heterocyclic compounds+
Oxazepine
Oxygen heterocyclic compounds+
Phosphorus heterocyclic compounds+
Phthalocyanines
Pyridoxines
Sulfur heterocyclic compounds+
Tetrazenes
Triazines
Uracils
Uric acid
Uridine

Heterodyning
RT Demodulation
Superheterodyne receivers

Heterogeneity
RT Homogeneity

Heterogeneous reactors
BT Nuclear reactors
NT Sodium graphite reactors

Heterojunctions
BT Semiconductor junctions+

Heuristic methods
RT Algorithms

Hexadecane
BT Alkanes+

Hexafluorobenzene
BT Benzene+

Hexamethonium compounds
(1-SEP-1990)
A ganglionic blocking agent used in the treatment of hypertension; usually in combination with other hypertensive drugs.
RT Hypertension
BT Ammonium compounds+
Cardiovascular agents+
Parasympatholytic agents+

Hexamines
BT Amines+

Hexanes
BT Alkanes+

Hexenes
BT Alkenes+

Hexestrol
use Estrogens

Hexogen
use RDX

Hexokinase
BT Phosphorus transferases+

Hexoses
BT Monosaccharides+
NT Fructoses
Galactose
Glucose+
Mannose

Hexyl radicals
BT Alkyl radicals+
Chemical radicals+

Hibernation
UF Winter sleep
RT Sleep
BT Dormancy

Hierarchies
RT Thesauri
BT Classification

High acceleration
RT Acceleration tolerance
BT Acceleration+

High altitude
Over 15,000 feet.
BT Altitude

High altitude bombing
BT Bombing+

High angles
BT Angles

High bypass turbofans
BT Turbofan engines+

High capacity projectiles
UF HC projectiles
BT Projectiles+

High costs
RT Inflation(Economics)
BT Costs+

High definition television
(1-APR-1998)
RT High resolution
BT Television systems+

High density
BT Density+

High dynamic range
BT Dynamic range+

High electron mobility transistors
(1-OCT-1996)
A high speed field effect transistor whose rapid response is based on the high mobility of two dimensional electrons.

High electron mobility transistors (cont.)
RT Electron mobility
BT Field effect transistors+

High energy
BT Energy

High energy lasers
(1-OCT-1992)
BT Lasers+

High energy propellants
BT Propellants

High energy rate forming
BT Metalworking+
NT Explosive forming

High explosive ammunition
UFC HE bombs
HE shells
HE warheads
HEAT projectiles
HEAT projectiles(Antitank)
HEP projectiles
High explosive bombs
High explosive projectiles
High explosive warheads
RT High explosives
BT Ammunition+

High explosive bombs
use all Bombs
High explosive ammunition

High explosive projectiles
use all High explosive ammunition
Projectiles

High explosive warheads
use all High explosive ammunition
Warheads

High explosives
RT High explosive ammunition
BT Explosives
NT Dynamite
Lead azides

High frequency
3 to 30 MHz.
UFC High frequency discharges
BT Radiofrequency+

High frequency discharges
use all Electric discharges
High frequency

High gain
BT Gain

High humidity
BT Humidity+

High intensity
(1-JUN-1989)
BT Intensity

High latitudes
RT Polar regions
BT Geographic areas
Latitude+

High level architecture
(1-JUL-00)
BT Computer architecture+

High level languages
UF ALGOL
COBOL
BT Programming languages+
NT ADA programming language
C programming language
Fortran
Java programming language
Pascal programming language

High lift
BT Lift+

High orbit trajectories
Trajectories at altitudes greater than 12,000 miles.
BT Orbits+

High pass filters
BT Bandpass filters+

High performance concrete
(1-JUL-00)
BT Concrete+

High power
BT Power

High pressure
RT High pressure compressors
BT Pressure
NT Hyperbaric conditions+

High pressure compressors
RT High pressure
BT Compressors+

High pressure valves
BT Valves

High rate
BT Rates

High reliability
BT Reliability

High resolution
RT High definition television
BT Resolution

High sensitivity
BT Sensitivity

High speed bombing
BT Bombing+

High speed cameras
RT Stroboscopes
BT Cameras+
NT Rotating drum cameras
Rotating mirror cameras
Rotating prism cameras
Streak cameras

High speed photography
BT Photography
NT Flash radiography
Schlieren photography
Spark shadowgraph photography

High strength
BT Strength(General)

High strength alloys
BT Alloys

High temperature
BT Temperature

High temperature superconductors
(1-OCT-1992)
An exotic class of material which displays some, or all, superconductive properties at temperatures of 90 degrees Kelvin or higher.
RT Yttrium barium copper oxides
BT Superconductors+

High vacuum
BT Vacuum

High vacuum valves
RT Vacuum operated valves
BT Valves

High velocity
BT Velocity+
NT Hypersonic velocity

High viscosity
BT Viscosity+

High voltage
BT Voltage+

Highways
RT Traffic
BT Roads

Hilbert matrix
use Matrices(Mathematics)

Hilbert space
BT Banach space+

Hilbert's Nullstellensatz
use Algebra

Hilbert's transform
use Integral transforms

Hill's equation
use Differential equations

Hilsch tubes
UF Hot-cold tubes
Vortex tubes
BT Tubes

Hingeless
(1-MAY-1983)
Having no hinge.
RT Hinges
BT Joints

Hinges
RT Hingeless
BT Joints

Hip
BT Anatomy+
Joints(Anatomy)+
NT Buttocks

Hippocampus
(1-MAY-1983)
A curved elevation consisting largely of gray matter, in the floor of the inferior horn of the lateral ventricle.
BT Central nervous system+

Hippuric acid
BT Organic acids+

Hirudinea
use Annelida

Hispanics
(1-SEP-1981)
Relating to or derived from the people, speech, or culture of Spain or of Spain and Portugal; often Latin-American (folklore of Hispanic groups).
RT Latin America
BT Ethnic groups+

Histaminase
use Diamine oxidase

Histamine
RT Antihistaminics
BT Amines+
Drugs

Histamine antagonists
use Antihistaminics

Histidine
BT Amino acids+

Histochemistry
(1-MAY-1983)
The chemistry of tissues of the body. The study of the microscopic location and analysis of substances in cells and tissues.
RT Histology
BT Biochemistry+
NT Histocompatibility

Histocompatibility
(1-SEP-1990)
The capacity to accept or reject a tissue graft.
BT Histochemistry+
Immunity+

Histograms
BT Graphs

Histological sections
use Histological techniques

Histological techniques
UF Frozen sections
Histological sections
BT Histology+

Histology
RT Histochemistry
BT Biology+
NT Histological techniques
Histopathology

Histones
UF Scombrone
Thymus histone
BT Proteins(Simple)+

Histopathology
(1-MAY-1983)
That branch of pathology that deals with tissue changes associated with disease.
BT Histology+
Pathology+

Histoplasma
BT Deuteromycetes(Imperfect fungi)+

Historians
RT History
BT Personnel

Historic sites
(1-OCT-1992)
BT History+
Sites

History
RT Historians
BT Social sciences
NT Historic sites
Military history
Natural history

Hit probabilities
RT Impact prediction
Kill probabilities
BT Interception probabilities+
Weapon system effectiveness+

HIV
use Human immunodeficiency viruses

HMX
UF Tetranitrotetrazacyclooctane
BT Explosives

Hodgkins disease
(1-JUL-1998)
RT Miyagawanella lymphogranulomatosis
BT Cancer+
Lymphomas+

Hodographs
(1-MAY-1983)
The curve traced out in the course of time by the tip of a vector representing some physical quantity.
BT Graphs

Hog cholera virus
RT Cholera
BT Viruses+

Hogs
use Swine

Hohmann transfer ellipse
use Transfer trajectories

Hoists
UF Lifting machinery
Pulleys
Tackles
Windlasses
UFC Bathythermograph hoists
RT Sheaves(Drives)
BT Materials handling vehicles+
Positioning devices(Machinery)+
NT Bomb hoists
Cranes+
Elevators(Lifts)
Helicopter hoists
Winches

HOJ
use Home on jam

Holders
RT Fastenings
NT Cable grips
Electrode holders
Harnesses

Holes(Electron deficiencies)
RT Electrons
Vacancies(Crystal defects)
BT Charge carriers+

Holes(Openings)
BT Openings
NT Boreholes
Bores
Cavities+
Perforation
Slots+

Holland
use Netherlands

Hollow charges
use Shaped charges

Holmium
RT Holmium compounds
BT Rare earth elements+

Holmium compounds
RT Holmium
BT Rare earth compounds+

Holograms
RT Optical images
BT Holography

Holography
NT Acoustic holography
Holograms

Holothuioidea
use Echinodermata

Homatropine
use Tropane alkaloids

Home on jam
UF HOJ
BT Homing+

Homeomorphisms
use Topology

Homeostasis
BT Adaptation(Physiology)+

Homicide
(1-SEP-1981)
Any killing of one human being by another.
UF Murder
RT Euthanasia
BT Crimes

Homing
RT Semiactive guidance
BT Terminal guidance+
NT Acoustic homing
Home on jam
Homing devices
Infrared homing
Light homing
Proportional navigation
Radar homing
Radio homing
Terminal homing

Homing devices
UF Target seekers
BT Homing+

Homing torpedoes
BT Torpedoes+

Homodyne radio receivers
BT Radio receivers+

Homogeneity
RT Heterogeneity

Homogeneous reactors
BT Nuclear reactors

Homosexuality
(1-OCT-1995)
RT Sex
BT Interpersonal relations+

Homotopy
use Algebraic topology

Honduras
BT Central America+

Honeycomb construction
use Honeycomb structures

Honeycomb cores
BT Cores
Structural components+

Honeycomb structures
UF Honeycomb construction
RT Sandwich construction
BT Structures

Hong Kong
BT Geographic areas

Hoods
RT Coverings
BT Clothing

Hooks
BT Fastenings

Hookworm disease
RT Nematoda
BT Helminthic diseases+

Hordenine
use Alkaloids

Horizon
BT Orientation(Direction)

Horizon cameras
use Topographic cameras

Horizon scanners
UF Horizon sensors
BT Attitude indicators+
Scanners

Horizon sensors
use Horizon scanners

Horizontal indicators
UF Level indicators
BT Attitude indicators+
Navigational aids+

Horizontal orientation
BT Orientation(Direction)

Horizontal stabilizers
BT Aerodynamic control surfaces+
Stabilization systems+

Hormones
RT Endocrine glands
Steroids
BT Biochemistry+
NT Adrenal cortex hormones+
Adrenal medulla hormones
Calcitonin
Gastrin
Gonadotropins+
Growth substances+
Melatonin
Pancreatic hormones+
Parathyroid hormones
Pituitary hormones+
Plant hormones
Prostaglandin
Sex hormones+
Thyroid hormones+

Hormuz Strait
(1-JUN-1989)
A strait between Iran and the United Arab Emirates, connecting the Persian Gulf and the Gulf of Oman.
BT Straits+

Horn antennas
BT Microwave antennas+

Horns(Acoustic)
use Acoustic horns

Horns(Antenna)
use Antenna feeds

Horsepower
BT Power

Horses
BT Equines+

Horticulture
RT Plant growth
BT Agriculture
NT Hydroponics

Hose couplings
BT Couplings+

Hose fittings
BT Fittings+

Hoses
RT Tubes
NT Fuel hoses

Hospital administration
(1-APR-1998)
BT Health care management+

Hospitalizations
BT Medical services+
NT Convalescence

Hospitals
BT Health care facilities
Medical services+
NT Casualty centers+
Intensive care units+

Host computers
(1-JUN-1989)
Primary computers attached to a network that provides services such as computation database access, special programs, programming languages, etc.
BT Computers+

Hostages
(1-SEP-1981)
The state of a person (s) given or kept as a pledge pending the fulfillment of an agreement, demand or treaty--a pledge, security or guarantee, usually of good faith or intentions.
RT Kidnappings
Prisoners

Hosts(Biology)
RT Parasites
BT Parasitology+

Hot forming
use Hot working

Hot gases
BT Gases+

Hot pressing
BT Hot working+
Pressing(Forming)+

Hot regions
RT Hot weather
BT Geographic areas
Regions
NT Tropical regions+

Hot rolling
use Rolling(Metallurgy)

Hot spots

Hot water
BT Water+

Hot weather
RT Hot regions
BT Weather+

Hot wire
BT Wire

Hot wire anemometers
BT Anemometers+

Hot working
UF Aus forming
Hot forming
RT Forging
Thermal joining
BT Mechanical working+
NT Hot pressing

Hot-cold tubes
use Hilsch tubes

House of Representatives
(1-SEP-1981)
The lower house of legislature of many countries.
BT Congress+

Household goods
RT Furniture

Housing(Dwellings)
UF Dwellings
BT Shelters+
NT Barracks
Housing projects

Housing projects
BT Housing(Dwellings)+

Housings
RT Encapsulation
BT Containers

Hovercraft
use Ground effect machines

Hovering
BT Flight maneuvers+

Howitzers
RT Rifling
BT Artillery+
Guns+

HTPB
use Hydroxy terminated polybutadiene

Hubs
NT Propeller hubs
Wheel hubs

Hudson Bay
BT Bays+

Hugoniot equations
BT Equations+

Hulls(Marine)
RT Bulkheads
BT Hulls(Structures)
NT Ship hulls+
Submarine hulls+

Hulls(Structures)
NT Flying boat hulls
Hulls(Marine)+
Pressure hulls

Human body
RT Cadavers
BT Anatomy+

Human effluvia
BT Effluvia+

Human factors engineering
RT Biofeedback
Human factors engineers
BT Engineering
NT Ergonomics+
Habitability

Human factors engineers
RT Human factors engineering
BT Engineers+

Human immunodeficiency viruses
(1-JUN-1989)
Retroviruses which attack T4 helper lymphocytes and cause Acquired Immune Deficiency Syndrome.
UF AIDS viruses
HIV
RT Acquired immune deficiency syndrome
BT Retroviruses+

Human relations
BT Social psychology+
NT Group dynamics+

Human relations (cont.)
Interpersonal relations+
Race relations+
Social communication

Human resources
RT Personnel management
BT Resources

Humanities
NT Ethics
Linguistics+
Philosophy
Religion+

Humans
RT Patients
BT Primates+
NT Adults
Volunteers
Women
Youth+

Humerus
RT Arms(Anatomy)
BT Bones+

Humidifiers
RT Humidity
BT Air conditioning equipment+

Humidity
UFC Atmospheric moisture content
RT Dehumidifiers
Humidifiers
Saturation
Water vapor
Wet bulb temperature
BT Meteorological phenomena
NT Dew point
High humidity
Low humidity

Humidity cabinets
BT Containers

Humidity sensitive elements
use Hygrometers

Humoral immunity
(1-MAY-1983)
Immunity which is maintained by antibody molecules secreted by B lymphocytes and plasma cells and circulating freely throughout the plasma, lymph, and other body fluids, as distinguished from cell-mediated immunity which is maintained by T lymphocytes; seen in immune response to infections and reinfection by virus.
BT Immunity+

Hungarian language
(1-JUN-1989)
RT Hungary
BT Foreign languages+

Hungary
RT Hungarian language
BT Eastern Europe+

Hunter killer groups
BT Antisubmarine warfare+

Hurricane tracking
RT Hurricanes
BT Tracking

Hurricanes
RT Hurricane tracking
BT Storms+
Tropical cyclones+

Hyaluronate lyase
UF Hyaluronidase
BT Carbon oxygen lyases+

Hyaluronidase
use Hyaluronate lyase

Hybrid circuits
BT Circuits+

Hybrid computers
BT Computers+
Hybrid systems

Hybrid marine vehicles
BT Hybrid systems
Ships

Hybrid propellants
RT Hybrid propulsion
BT Propellants
NT Hybrid rocket propellants

Hybrid propulsion
RT Hybrid propellants
BT Propulsion systems

Hybrid rocket engines
BT Hybrid systems
Rocket engines+

Hybrid rocket propellants
BT Hybrid propellants+
Rocket propellants+

Hybrid simulation
RT Hybridization
BT Computerized simulation+

Hybrid systems
NT Hybrid computers
Hybrid marine vehicles
Hybrid rocket engines

Hybridization
RT Hybrid simulation

Hybridomas
(1-SEP-1990)
Hybrid myelomas formed by fusing myeloma cells with lymphocytes that produce a specific antibody; the individual cells can be cloned and each clone produces large amounts of identical (monoclonal) antibody.
RT Monoclonal antibodies
Myeloma
BT Cells(Biology)+

Hydantoins
UF Allantoin
Diphenylhydantoin
Phenyltoin
BT Amides+

Hydrases
use Lyases

Hydrates
BT Crystal chemistry+

Hydration
RT Dehydration
BT Solvation+

Hydraulic accumulators
UF Hydraulic reservoirs
Reservoirs(Hydraulic)
RT Oil reservoirs
BT Accumulators
Hydraulic equipment

Hydraulic actuators
RT Pneumatic actuators
BT Actuators
Hydraulic equipment

Hydraulic brakes
RT Pneumatic brakes
BT Brakes
Hydraulic equipment

Hydraulic conductivity
(1-OCT-1995)
The rate of water flow through a unit cross section under a unit hydraulic gradient at a defined temperature.
RT Fluid flow
BT Hydrogeology+

Hydraulic couplings
RT Hydraulic fluids
BT Couplings+

Hydraulic cylinders
BT Hydraulic equipment

Hydraulic equipment
RT Pneumatic equipment
NT Bleed systems
Hydraulic accumulators
Hydraulic actuators
Hydraulic brakes
Hydraulic cylinders
Hydraulic gates+
Hydraulic jacks
Hydraulic presses
Hydraulic servomechanisms
Hydraulic valves+

Hydraulic fluid filters
RT Hydraulic fluids
BT Liquid filters+

Hydraulic fluids
UF Recoil fluids
RT Hydraulic couplings
Hydraulic fluid filters
BT Liquids+
NT Brake fluids

Hydraulic gates
(1-OCT-1996)
Controllable openings to set the water level in a reservoir or waterway.
BT Hydraulic equipment
NT Locks(Waterways)

Hydraulic jacks
RT Hydraulic presses
BT Hydraulic equipment
Jacks(Lifts)+

Hydraulic jets
RT Hydraulic pressure
NT Liquid jets+

Hydraulic models
Models used for predicting hydraulic characteristics of larger devices or for simulating the full-scale environment of such larger devices.
BT Hydrodynamic configurations
Models

Hydraulic power
BT Power

Hydraulic presses
RT Hydraulic jacks
BT Hydraulic equipment
Presses(Machinery)+

Hydraulic pressure
(1-DEC-1984)
Pressure exerted on and by a hydraulic fluid.
RT Hydraulic jets
Hydraulic pressure pumps
Hydraulic ram effect

Hydraulic pressure pumps
RT Hydraulic pressure
BT Pumps

Hydraulic ram effect
RT Hydraulic pressure
BT Fluid flow+

Hydraulic reservoirs
use Hydraulic accumulators

Hydraulic seals
BT Seals(Stoppers)

Hydraulic servomechanisms
RT Pneumatic servomechanisms
BT Hydraulic equipment
Servomechanisms

Hydraulic tests
BT Hydraulics+
Test and evaluation

Hydraulic valves
RT Pneumatic valves
BT Hydraulic equipment
Valves
NT Electrohydraulic valves

Hydraulics
(1-DEC-1984)
Branch of science and technology concerned with the mechanics of fluids; especially liquids.
RT Fluid mechanics
BT Hydromechanics+
NT Hydraulic tests
Percolation

Hydrazides
RT Hydrazine derivatives
NT Isoniazid

Hydrazine derivatives
RT Hydrazides
BT Hydrazines+
NT Methyl hydrazines+

Hydrazines
(1-SEP-1981)
A colorless hygroscopic liquid, boiling point 114 degrees C., with an ammonia like odor; it is reducing, decomposable, basic and bifunctional, used as rocket fuel in corrosion inhibition in boilers, and in the synthesis of biologically active materials, explosives, antioxidants, and photographic chemicals.
RT Hydrazones
BT Aliphatic compounds+
Liquid rocket fuels+
NT Aerozine
Hydrazine derivatives+

Hydrazoic acid
(1-MAY-1983)
Explosive liquid, a strong protoplasmic poison boiling at 37 degrees C.
UF Azoimide
Diazomide
Hydronitric acid
BT Diazo compounds+

Hydrazones
RT Hydrazines
BT Nitrogen compounds+

Hydrides
BT Chemical compounds
NT Borohydrides+
Boron hydrides+
Calcium hydrides
Lithium hydride
Phosphine+
Silanes+

Hydro lyases
BT Carbon oxygen lyases+
NT Carbonic anhydrase

Hydroacoustics
use Underwater acoustics

Hydroballistics
BT Ballistics
NT Underwater ballistics

Hydrobiology
use Aquatic biology

Hydrocarbons
BT Organic compounds
NT Aliphatic hydrocarbons
Alkanes+
Alkenes+
Cubanes
Halogenated hydrocarbons+
Norcarane
Unsaturated hydrocarbons+

Hydrochloric acid
BT Inorganic acids+

Hydrocorticosteron
use Corticosteroid agents

Hydrocyclones
BT Separators

Hydroduct engines
BT Hydrojet engines+

Hydroduct propulsion
use all Jet propulsion
Underwater propulsion

Hydrodynamic characteristics
(1-SEP-1981)
The characteristics of fluid motion and of the interactions of the fluid with its boundaries.
RT Hydrodynamic control surfaces
Hydrodynamics
BT Fluid dynamics+
NT Trim(Hydrodynamics)

Hydrodynamic codes
BT Coding+

Hydrodynamic configurations
RT Fairings
NT Floating bodies+
Hydraulic models
Marine rudders
Planing surfaces+

Hydrodynamic control surfaces
RT Hydrodynamic characteristics
BT Control surfaces+

Hydrodynamics
RT Hydrodynamic characteristics
BT Fluid dynamics+
NT Electrohydrodynamics+

Hydroelasticity
RT Thermoelasticity
BT Elastic properties+

Hydroelectricity
BT Electricity

Hydrofluidics
BT Fluidics

Hydrofluoric acid
RT Hydrogen fluoride
BT Inorganic acids+

Hydrofoil craft
RT Hydrofoils
BT Boats

Hydrofoils
RT Airfoils
Guide vanes
Hydrofoil craft
BT Planing surfaces+
NT Hydroskis

Hydroforming(Chemical)
A process for producing high-octane gasoline or aromatic hydrocarbons by dehydrogenation and aromatization of petroleum naphthas.
BT Dehydrogenation+

Hydroforming(Mechanical)
The use of hydraulic pressure to compact powdered materials or to form sheet-metal products.
BT Material forming+

Hydrogen
RT Hydrogen compounds
Positronium
BT Nonmetals+
NT Deuterium
Liquid hydrogen
Tritium+

Hydrogen bomb explosions
use Nuclear explosions

Hydrogen bombs
use Nuclear bombs

Hydrogen bonds
BT Chemical bonds+

Hydrogen chloride
BT Chlorides+
Hydrogen compounds+

Hydrogen chloride lasers
BT Gas lasers+

Hydrogen compounds
RT Hydrogen
BT Chemical compounds
NT Deuterium compounds+
Hydrogen chloride
Hydrogen cyanide
Hydrogen fluoride
Hydrogen iodide
Hydrogen peroxide
Hydrogen sulfide
Tritiated compounds

Hydrogen cyanide
BT Cyanides+
Hydrogen compounds+

Hydrogen electrodes
BT Electrodes

Hydrogen embrittlement
BT Brittleness+
Embrittlement

Hydrogen fluoride
RT Hydrofluoric acid
BT Fluorides+
Hydrogen compounds+

Hydrogen fluoride lasers
BT Gas lasers+

Hydrogen iodide
BT Hydrogen compounds+
Iodides+

Hydrogen ion concentration
use Ph factor

Hydrogen oxygen fuel cells
BT Fuel cells+

Hydrogen peroxide
BT Hydrogen compounds+
Peroxides+

Hydrogen peroxide pumps
BT Pumps

Hydrogen sulfide
BT Hydrogen compounds+
Sulfides+

Hydrogenation
RT Dehydrogenation
BT Chemical reactions+

Hydrogeology
(1-OCT-1995)
The science dealing with the occurrence of surface and ground water, its utilization, and its function in modifying the earth, primarily by erosion and deposition.
BT Geology+
Hydrology+
NT Hydraulic conductivity

Hydrographic sonar
BT Sonar

Hydrographic surveying
BT Surveying(Geographic)+

Hydrography
RT Bathymetry
BT Geography+

Hydrojet engines
BT Jet engines+
NT Hydroduct engines
Hydropulse engines
Hydroturbojet engines

Hydrolases
RT Hydrolysis
BT Enzymes
NT Amide hydrolases+
Esterases+
Glycoside hydrolases+
Penicillin acylase
Peptide hydrolases+

Hydrology
BT Earth sciences+
NT Drainage+
Drawdown
Hydrogeology+
Streamflow analysis
Water distribution

Hydrolysis
RT Hydrolases
BT Lysis+
Solvolysis+

Hydromagnetics
use Magnetohydrodynamics

Hydromechanics
BT Fluid mechanics+
NT Hydraulics+

Hydrometallurgy
BT Metallurgy+

Hydrometeors
BT Atmospheric precipitation+
NT Fog+
Hail
Rain+
Snow+

Hydrometers
use Densimeters

Hydronitric acid
use Hydrazoic acid

Hydroperitoneum
use Edema

Hydroperoxides
BT Peroxides+

Hydrophilia
BT Biological absorption+

Hydrophobic properties
BT Physical properties

Hydrophones
BT Acoustic detectors+
Electroacoustic transducers+

Hydrophotometers
BT Photometers+

Hydrophytes
use Algae

Hydroplaning
BT Traction+

Hydroponics
RT Aquiculture
BT Horticulture+

Hydropulse engines
BT Hydrojet engines+

Hydroskis
BT Hydrofoils+
Landing gear+
Skis

Hydrostatic fuzes
UFC Bomb tail hydrostatic fuzes
BT Proximity fuzes+

Hydrostatic pressure
RT Hydrostats
BT Hydrostatics+
Static pressure+

Hydrostatics
RT Aerostatics
Hydrostats
BT Fluid mechanics+
Statics+
NT Head(Fluid mechanics)
Hydrostatic pressure

Hydrostats
RT Hydrostatic pressure
Hydrostatics
BT Pressure switches+

Hydroturbojet engines
BT Hydrojet engines+
Turbojet engines+

Hydroxamic acids
BT Organic acids+

Hydroxides
RT Oxides
BT Bases(Chemistry)+
Group VI compounds+
NT Sodium hydroxide

Hydroxy terminated polybutadiene
(1-SEP-1990)
A hydrocarbon polymer extensively used in the preparation of solid rocket propellant binders.
UF HTPB
BT Polybutadiene+

Hydroxyl radicals
BT Chemical radicals+

Hygiene
RT Public health
NT Baths
Disinfection
Industrial hygiene
Military hygiene
Oral hygiene
Sanitation+
Shower facilities

Hygric acid
BT Carboxylic acids+

Hygristors
RT Hygrometers
BT Meteorological instruments+

Hygrometers
UF Humidity sensitive elements
Moisture meters
RT Hygristors
Hygroscopicity
BT Measuring instruments+
Meteorological instruments+
NT Psychrometers

Hygroscopicity
RT Hygrometers
NT Wetting

Hymenoptera
UF Bees
Wasps
UFC Bee venom
BT Insects+
NT Formicidae

Hyoscyamine
use Belladonna alkaloids

Hyoscyamus
use Tropane alkaloids

Hyperbaric chambers
BT Chambers
Hyperbaric conditions+
NT Decompression chambers

Hyperbaric conditions
RT Hypobaric conditions
BT High pressure+
NT Hyperbaric chambers+

Hyperbaric medicine
BT Medicine+

Hyperbolas
RT Hyperbolic differential equations
BT Analytic geometry+
Curves(Geometry)+

Hyperbolic differential equations
(1-SEP-1990)
A general type of second-order partial differential equation which includes the wave equation.
RT Hyperbolas
BT Partial differential equations+

Hyperbolic functions
use Special functions(Mathematics)

Hyperbolic navigation
Determination of lines of position by measurements of the difference in distance of the navigation apparatus from two or more stations of known position.
BT Radio navigation+
NT LORAN
Omega navigation
SHORAN

Hypercalcemia
(1-JUL-1998)
BT Blood chemistry+

Hypercapnia
BT Respiratory diseases+

Hypercholesteremia
use Hypercholesterolemia

Hypercholesterolemia
(1-MAY-1983)
An excess of cholesterol in the blood.
UF Hypercholesteremia
RT Cholesterol

Hypercircle method
use Partial differential equations

Hyperfine structure
BT Line spectra+

Hypergeometric functions
BT Special functions(Mathematics)+

Hyperglycemia
RT Hypoglycemia
BT Metabolic diseases+

Hypergolic fuels
BT Fuels
NT Hypergolic rocket propellants

Hypergolic ignition
BT Ignition+

Hypergolic rocket propellants
BT Hypergolic fuels+
Rocket propellants+

Hyperkalemia
RT Potassium
BT Blood diseases+

Hypermetabolism
BT Metabolism+

Hyperons
BT Baryons+
Fermions+
Strange particles+
NT Sigma hyperons
V particles
Xi hyperons

Hyperons(Sigma)
use Sigma hyperons

Hyperoxia
RT Hyperventilation
Hypoxia
BT Pathology+

Hyperpyrexia
use Fevers

Hypersensitivity
RT Allergic diseases
BT Sensitivity

Hypersonic aircraft
BT Hypersonic vehicles
Jet aircraft+

Hypersonic characteristics
BT Aerodynamic characteristics+
NT Hypersonic diffusers
Hypersonic flow
Hypersonic nozzles
Hypersonic waves

Hypersonic diffusers
BT Diffusers
Hypersonic characteristics+

Hypersonic flight
BT Flight

Hypersonic flow
BT Gas flow+
Hypersonic characteristics+

Hypersonic nozzles
BT Hypersonic characteristics+
Nozzles

Hypersonic test vehicles
BT Hypersonic vehicles
Test vehicles

Hypersonic vehicles
NT Hypersonic aircraft
Hypersonic test vehicles

Hypersonic velocity
BT High velocity+

Hypersonic waves
BT Hypersonic characteristics+
Waves

Hypersonic wind tunnels
BT Wind tunnels+

Hypertensin
use Angiotensin

Hypertension
RT Hexamethonium compounds
Hypertonic
Hypotension
Stress(Physiology)
BT Pathology+
NT Pulmonary hypertension

Hypertext
(1-OCT-1994)
Linking related information.
Hypertext (cont.)
BT Artificial intelligence+
Information processing+

Hyperthermia
RT Hypothermia
BT Body temperature+

Hyperthyroidism
use all Diseases
Thyroid gland

Hypertonic
RT Hypertension
BT Stress(Physiology)+

Hypervelocity guns
RT Gas guns
Light gas guns
BT Guns+
Hypervelocity weapons+
NT Ram accelerators

Hypervelocity impact
BT Impact

Hypervelocity projectiles
BT Projectiles+

Hypervelocity weapons
BT Weapons+
NT Hypervelocity guns+

Hyperventilation
RT Hyperoxia
BT Pathology+

Hypnosis
RT Sleep
BT Psychotherapy+

Hypnotics and sedatives
UF Sedatives
RT Barbiturates
Sedation
BT Drugs
NT Pentobarbital
Tranquilizers+

Hypobaric chambers
BT Chambers
Hypobaric conditions+

Hypobaric conditions
RT Hyperbaric conditions
BT Low pressure+
NT Hypobaric chambers

Hypocapnia
(1-JUL-00)
Deficiency of CO2 in the blood.
BT Blood chemistry+

Hypochlorites
BT Chlorine compounds+

Hypochlorous acid
BT Inorganic acids+

Hypodermic injections
BT Injections(Medicine)+

Hypoglycemia
RT Hyperglycemia
BT Metabolic diseases+

Hypotension
RT Bacteremia
Hypertension
BT Pathology+

Hypothalamus
BT Brain+

Hypothermia
UF Induced hypothermia
RT Hyperthermia
BT Body temperature+
Pathology+

Hypotheses
RT Theses

Hypothyroidism
use all Diseases
Thyroid gland

Hypoxia
RT Hyperoxia
Pulmonary insufficiency
BT Pathology+

Hypsography
(1-SEP-1981)
The science of measuring or describing elevations of the earth's surface with reference to a given datum, usually sea level.
RT Hypsometers
BT Geography+

Hypsometers
RT Hypsography
BT Height finding+
Meteorological instruments+

Hysteresis
Magnetic, electrical, and mechanical.

I

I band
BT Superhigh frequency+

Iberian Peninsula
(1-NOV-1980)
A region of southwest Europe comprising Spain and Portugal.
BT Peninsulas+
Western Europe+
NT Portugal
Spain+

Ice
RT Frost
Water
NT Glaciers
Ice caps+
Land ice
Sea ice+
Underice

Ice breakup
BT Thawing+

Ice caps
BT Ice
NT Polar cap

Ice fog
BT Fog+

Ice forecasting
(1-JUN-1989)
RT Ice formation indicators
BT Forecasting

Ice formation
UF Icing
RT Hail
Ice formation indicators

Ice formation indicators
RT Ice forecasting
Ice formation
BT Meteorological instruments+

Ice islands
UF Tabular icebergs
RT Icebergs
BT Sea ice+

Ice lenses
BT Lenses

Ice mechanics
(1-SEP-1990)
Application of the principles of mechanics to quantify the response of ice when it is acted upon by environmental forces.
BT Mechanics

Ice observation
use Ice reporting

Ice openings
BT Openings

Ice packs
use Pack ice

Ice penetration
BT Penetration

Ice prevention
RT Deicing systems
BT Prevention

Ice reporting
UF Ice observation
BT Monitoring

Icebergs
RT Ice islands
BT Sea ice+

Icebreakers
BT Ships

Iceland
BT Atlantic Ocean Islands+
Western Europe+

Ichthyology
use Fishes

Icing
use Ice formation

Iconoscopes
UF Television pickup tubes
RT Television cameras
BT Camera tubes+

Idaho
BT United States+

Ideal gas law
BT Thermodynamics

Identification
UF Footprint(Impression)
RT Markers
NT Fingerprints
Identification systems+
Recognition+

Identification lights
RT Identification systems
BT Lighting equipment+
Signal lights+

Identification systems
UFC Electronic recognition systems
Radar identification systems
Sonar identification systems
RT Identification lights
BT Identification
NT IFF systems
Picture badges

Identities
BT Mathematics

Idler wheels
BT Wheels

IF
use Intermediate frequencies

IFF radar
use all IFF systems
Radar equipment

IFF systems
UFC IFF radar
BT Identification systems+

Igneous rock
RT Olivine
BT Rock+
NT Basalt
Feldspar+
Granite
Lava
Magma
Margarite
Pegmatite
Peridotite
Tourmaline

Igniters
RT Ignition
BT Ignition systems
NT Caps(Explosives)
Electric igniters+
Explosives initiators+
Fuse lighters
Pyrogen igniters
Rocket igniters

Ignition
RT Engine starters
Igniters
Ignition systems
BT Combustion+
NT Autoignition
Compression ignition
Electric ignition
Flash point
Hypergolic ignition
Ignition lag
Spark ignition

Ignition circuits
BT Circuits+
Engine components+
Ignition systems

Ignition lag
BT Ignition+

Ignition systems
RT Electric coils
Ignition
Starting

Ignition systems (cont.)
NT Igniters+
Ignition circuits
Spark plugs

Ignitrons
BT Discharge tubes+
Rectifiers+

Ileum
BT Small intestine+

Illinois
BT United States+

Illite
use Clay minerals

Illness
RT Malaise
BT Diseases
NT Morbidity

Illuminants
RT Illumination

Illuminated sights
BT Gun sights+

Illuminating grenades
RT Illuminating projectiles
BT Grenades+
Pyrotechnics

Illuminating projectiles
RT Illuminating grenades
Rocket flares
BT Projectiles+
Pyrotechnics

Illumination
RT Brightness
Illuminants
BT Optical phenomena+

Illusions
UFC Auditory illusions
RT Images
BT Visual perception+

Ill-conditioned matrices
use Numerical analysis

Image compression
(1-JAN-1999)
BT Data compression+
Image processing+

Image converters
RT Images
Television converters
BT Converters

Image dissection
BT Image processing+

Image intensification
RT Image intensifiers(Electronics)
BT Amplification

Image intensifiers(Electronics)
RT Image intensification
Light amplifiers
BT Image tubes+
NT Starlight scopes

Image motion compensation
Transport of film past a camera focal plane at the same speed and relative direction as image being photographed.
UF IMC
BT Camera controls+

Image orthicons
RT Photocathodes
BT Camera tubes+

Image processing
RT Data processing
BT Processing
NT Feature extraction
Image compression
Image dissection
Image registration
Image restoration
Scene generation
Sensor fusion

Image projectors
NT Photographic projectors+
Tachistoscopes

Image registration
BT Image processing+

Image restoration
BT Image processing+

Image tubes
BT Electron tubes+
NT Camera tubes+
Image intensifiers(Electronics)+
Infrared image tubes+

Images
RT Focusing
Illusions
Image converters
Matching
NT Acoustic images+
Composite images
Field ion images
Optical images+
Photographic images+
Pictures
Pixels
Radar images

Images (cont.)
Thermal images

IMC
use Image motion compensation

Imidazoles
(1-DEC-1984)
One of a group of organic heterocyclic compounds containing a five-membered diunsaturated ring with two nonadjacent nitrogen atoms as part of the ring; the particular compound imidazole is a member of the ring.
BT Azoles+

Imides
RT Amides
Oximes
NT Succinimides

Imines
BT Organic nitrogen compounds+
NT Amidines
Ethyleneimines

Imino diacetic acid
BT Acetic acid+

Immersion
NT Liquid immersion tests

Immune serums
UF Antibacterial serums
Antiserum
BT Immunogens+

Immunity
UF Acquired immunity
RT Immunochemistry
Resistance(Biology)
BT Immunology+
NT Active immunity
Autoimmune reactions
Histocompatibility
Humoral immunity
Immunization+
Radioimmunity
Tissue immunity

Immunization
UF Vaccination
RT Immunochemistry
BT Immunity+
NT Autoimmunization

Immunoassay
RT Immunology
BT Diagnosis(Medicine)+
NT Radioimmunoassay

Immunoblocking antibodies
BT Antibodies

Immunochemistry
(1-MAY-1983)
A branch of science dealing with the chemical changes associated with immunity factors.
RT Immunity
Immunization
BT Biochemistry+
Immunology+
NT Interferon
Properdin

Immunogens
RT Immunoglobulins
BT Antigens
NT Immune serums

Immunoglobulins
RT Immunogens
BT Antibodies
Globulins+

Immunologists
RT Immunology
BT Medical personnel+

Immunology
RT Allergic diseases
Immunoassay
Immunologists
BT Medicine+
NT Antigen antibody reactions+
Immunity+
Immunochemistry+
Immunosuppression

Immunosuppression
BT Immunology+

Immunotherapy
(1-JAN-00)
BT Therapy+

Immunotoxicity
(1-APR-1998)
BT Toxicity

Impact
RT Foreign object damage
NT Hypervelocity impact
Impact loads+

Impact acceleration
RT Impact loads
BT Acceleration+

Impact computers
BT Fire control computers+

Impact flash
UF Flash(Impact)
BT Flashes

Impact fuzes
UF Contact fuzes
Percussion fuzes
BT Fuzes(Ordnance)+
NT Base detonating fuzes
Point detonating fuzes

Impact loads
(1-OCT-1996)
A force delivered by a blow.
RT Blast loads
Impact acceleration
BT Impact Loads(Forces)
NT Impact shock+

Impact point
BT Terminal ballistics+
NT Craters

Impact prediction
RT Hit probabilities
BT Predictions

Impact shock
RT Impact tests
BT Impact loads+
Shock(Mechanics)+
NT Landing impact+

Impact strength
UFC Impact toughness
BT Strength(Mechanics)+

Impact tests
RT Drop tests
Impact shock
Shock tests
BT Dynamic tests+
NT Charpy impact tests

Impact toughness
use all Impact strength
Toughness

Impact tubes
use Pitot tubes

Impact wrenches
BT Wrenches+

Impatt diodes
BT Avalanche diodes+

Impedance
NT Acoustic impedance
Admittance+
Electrical impedance+
Magnetoimpedance
Mechanical impedance+

Impedance(Acoustics)
use Acoustic impedance

Impedance(Electrical)
use Electrical impedance

Impedance bridges
RT Electrical impedance
Impedance matching
BT Electric bridges+
NT Capacitance bridges

Impedance matching
RT Impedance bridges
BT Matching

Impellers
RT Rotor blades(Turbomachinery)
BT Rotors

Impetigo
BT Bacterial diseases+
Skin diseases+

Impingement
NT Water impingement

Impingers
use Samplers

Implantation
RT Transplantation
NT Ion implantation
Surgical implantation

Implosions
RT Explosive decompression
BT Explosions

Imports
RT Exports
BT International trade+

Impregnants
use Impregnation

Impregnation
UF Impregnants
RT Protective treatments

Impulse loading
BT Dynamic loads+

Impulse noise
BT Noise

Impurities
RT Contaminants
Dirt
Point defects
NT Isotope impurities

In situ analysis
(1-OCT-1998)
BT Laboratory procedures+

In vitro analysis
BT Biochemistry+

In vivo analysis
BT Biochemistry+

Inactivation
RT Deactivation
NT Biological inactivation

Inboard
(1-DEC-1984)
Toward or close to the longitudinal axis of a ship or aircraft.
RT Outboard

Incandescence
RT Incandescent lamps
BT Luminescence+

Incandescent lamps
RT Incandescence
BT Lamps+

Incapacitating agents
RT Incapacitation
BT Antipersonnel agents+
Nonlethal agents+
NT BZ agents
Irritating agents+
Psychochemical agents+
Riot control agents

Incapacitation
RT Incapacitating agents
BT Stress(Physiology)+

Incendiary ammunition
UFC Incendiary rockets
Incendiary warheads
RT Flame weapons
BT Ammunition+
NT Incendiary bombs+
Incendiary projectiles

Incendiary bombing
use all Bombing
Incendiary bombs

Incendiary bombs
UFC Firebombing
Incendiary bombing
RT Fire storms
BT Bombs+
Incendiary ammunition+
NT Firebombs+

Incendiary effects
BT Combustion+

Incendiary gels
BT Gels
Incendiary mixtures+

Incendiary mixtures
UFC Incendiary pellets
BT Mixtures
NT Incendiary gels
Thermite

Incendiary pellets
use all Incendiary mixtures
Pellets

Incendiary projectiles
BT Incendiary ammunition+
Projectiles+

Incendiary rockets
use all Incendiary ammunition
Rockets

Incendiary warheads
use all Incendiary ammunition
Warheads

Incentive contracts
RT Motivation
BT Contracts+

Incinerators
RT Waste disposal
BT Furnaces+

Inclined orbit trajectories
BT Orbits+

Inclusions
(1-JUN-1989)
Includes crystal fragments found within other crystals; gas or liquid filled cavities in crystals; visible product of cellular metabolism within the protoplasm; impure particles trapped in metals; older rock fragments enclosed in an igneous rock, etc.
BT Defects(Materials)

Incoherence
BT Coherence

Incoherent scattering
Scattering of particles or protons in which the scattering elements act independently of one another so that there are no definite phase relationships among the different parts of the scattered beam.
BT Nuclear scattering+

Income
RT Budgets
BT Finance
NT Financial allotment
Profits
Salaries

Incompressibility
BT Compression

Incompressible flow
RT Compressible flow
BT Fluid flow+
NT Poiseuille flow

Increment charges
use Propelling charges

Incubation
BT Reproduction(Physiology)+

Indanthrenes
BT Dyes+

Index terms
UFC Subject headings
RT Indexes
BT Vocabulary+

Indexes
RT Index terms
BT Directories+

Indexes(Ratios)
BT Econometrics+
Ratios
NT Price index

India
BT South Asia+

Indian Ocean
BT Oceans+
NT Arabian Sea+

Indian Ocean Islands
BT Islands+
NT Diego Garcia
Madagascar
Maldive Islands
Sri Lanka
Zanzibar

Indiana
BT United States+

Indicating instruments
RT Indicator lights
BT Indicators
NT Flight speed indicators+

Indicator lights
RT Indicating instruments
BT Lighting equipment+

Indicator papers
use Chemical indicators

Indicators
RT Ground position indicators
NT Angle of attack indicators
Depth indicators+

Indicators (cont.)
Firing error indicators
Indicating instruments+

Indigenous population
BT Population+

Indirect costs
BT Costs+

Indirect fire
RT Gunfire
BT Exterior ballistics+

Indium
RT Indium alloys
Indium compounds
BT Metals+

Indium alloys
RT Indium
Indium compounds
BT Alloys

Indium antimonides
BT Antimonides+
Indium compounds+

Indium arsenides
(1-APR-1999)
BT Arsenides+
Indium compounds+

Indium compounds
RT Indium
Indium alloys
BT Group III compounds+
NT Indium antimonides
Indium arsenides
Indium phosphides

Indium phosphides
BT Indium compounds+
Phosphides+

Individualized training
BT Training+

Indole alkaloids
UF Yohimbine
RT Indoles
BT Alkaloids
NT Ergot alkaloids
Rauwolfia alkaloids+

Indoles
RT Indole alkaloids
BT Nitrogen heterocyclic compounds+
NT Serotonin

Indonesia
BT Archipelagoes+
Southeast Asia+
NT Java

Indonesia (cont.)
Sumatra

Indoor air pollution
BT Air pollution+

Induced environments
BT Environments
NT Pressurized cabins

Induced hypothermia
use Hypothermia

Inductance
The property of a circuit or circuit element that opposes current flow.
BT Electrical impedance+

Induction heating
BT Heating

Induction motors
BT Electric motors+

Induction systems
Systems in internal combustion engines that provide for vaporization of fuels.
RT Inductors
BT Engine air systems components+

Inductors
RT Electromagnetic induction
Induction systems
BT Electrical equipment
NT Fixed inductors

Industrial diamonds
use Diamonds

Industrial engineering
RT Management engineering
BT Engineering
NT Beds(Process engineering)
Fluidized bed processes
Industrial equipment+
Industrial modernization
Industrial preparedness
Industrial research
Nuclear industrial applications
Spinning(Industrial processes)+

Industrial equipment
RT Industrial plants
BT Industrial engineering+
NT Fluidized bed processors
Industrial reactors

Industrial hygiene
RT Industrial medicine
BT Hygiene

Industrial medicine
RT Industrial hygiene
BT Medicine+

Industrial mobilization
(1-JUN-1989)
Transformation of industry and other productive facilities and contributory services from their peacetime activities to the fulfillment of the munitions program necessary to support a military effort.
BT Mobilization

Industrial modernization
(1-OCT-1992)
Relates to the application of new/sophisticated procedures/materials/technology to industrial production.
RT Industrial production
BT Industrial engineering+

Industrial noise
BT Noise(Sound)+
NT Machinery noise+

Industrial personnel
BT Personnel
NT Assemblers

Industrial plants
UF Factories
Manufacturing plants
Plants(Engineering)
Plants(Industries)
UFC Underground factories
RT Industrial equipment
NT Distilling plants
Foundries
Pilot plants
Pulp mills
Refineries
Rolling mills

Industrial preparedness
(1-APR-1998)
BT Industrial engineering+

Industrial procurement
RT Industrial production
BT Procurement+

Industrial production
RT Industrial modernization
Industrial procurement
BT Production

Industrial psychology
BT Applied psychology+

Industrial reactors
BT Industrial equipment+

Industrial relations
NT Employee relations
Labor unions

Industrial research
RT Research management
BT Industrial engineering+

Industrial training
BT Training+
NT Apprenticeship

Industries
NT Aerospace industry+
Automotive industry
Chemical industry+
Defense industry+
Electrical industry
Electronics industry
Iron industry+
Machine tool industry
Munitions industry
Optics industry
Paper industry
Plastics industry
Textile industry+

Inelastic scattering
Collisions of neutrons with nuclei in which the kinetic energy is decreased and the nuclei are left in an excited state.
RT Elastic scattering
BT Nuclear scattering+

Inequalities
UF Bellman's inequality
Fejer and Riesz inequality
Hardy-Littlewood inequality
Harnack inequality
Isoperimetric inequalities
RT Quantity
BT Mathematics

Inert atmospheres
use Controlled atmospheres

Inert gas welding
BT Arc welding+
NT Gas tungsten arc welding

Inert materials
BT Materials

Inertia
RT Mass
BT Physical properties
NT Moment of inertia

Inertia moments
use Moment of inertia

Inertial guidance
BT Guidance
Inertial systems

Inertial guidance (cont.)
NT All inertial guidance
Inertial measurement units
Inertial navigation

Inertial measurement units
BT Inertial guidance+
Measuring instruments+

Inertial navigation
BT Inertial guidance+
Navigation

Inertial platforms
use Stabilized platforms

Inertial systems
NT Inertial guidance+

Infantile paralysis
use Poliomyelitis

Infantry
RT Infantry personnel
BT Field army+

Infantry personnel
RT Infantry
BT Army personnel+

Infants
UF Babies
Newborn
BT Children+

Infarction
RT Thrombosis
BT Cardiovascular diseases+
NT Myocardial infarction

Infectious disease transmission
RT Infectious diseases
BT Clinical medicine+

Infectious diseases
UFC Bartonella infections
Pseudomonas infections
RT Epidemiology
Infectious disease transmission
BT Diseases
NT Abscesses
Bacterial diseases+
Communicable diseases+
Encephalomyocarditis infections
Fungus diseases+
Meningitis+
Parasitic diseases+
Plagues
Q fever
Rickettsial diseases
Rubella
Sepsis
Trachoma
Typhus+
Venereal diseases+

Infectious diseases (cont.)
Virus diseases+

Infectious hepatitis virus
BT Hepatitis viruses+

Infectious mononucleosis
BT Virus diseases+

Infiltration(Fluids)
BT Fluid mechanics+

Infiltration(Personnel)
RT Covert operations
BT Military tactics+

Infinite series
BT Series(Mathematics)+

Infinitesimal generator
use Groups(Mathematics)

Inflammability
use Flammability

Inflammation
RT Skin diseases
BT Signs and symptoms+
NT Panosteitis

Inflatable devices
use Inflatable structures

Inflatable structures
UF Inflatable devices
UFC Inflatable tents
RT Expandable structures
Inflating
BT Structures
NT Balloons+

Inflatable tents
use all Inflatable structures
Tents

Inflating
RT Inflatable structures

Inflation(Economics)
RT High costs
BT Economics

Inflight
UFC In-flight feeding
RT Flight

Influence fuzes
use Proximity fuzes

Influence mines
BT Mines(Ordnance)+
NT Acoustic mines
Magnetic mines
Pressure mines

Influenza
RT Influenza virus
BT Virus diseases+

Influenza vaccines
use all Influenza virus
Vaccines

Influenza virus
UFC Influenza vaccines
RT Influenza
BT Myxoviruses+

Information centers
RT Information exchange
NT Archives
Combat information centers
Libraries
Technical information centers

Information exchange
RT Information centers
Information retrieval
BT Information transfer+

Information processing
BT Processing
NT Corporate information management
Data processing+
Hypertext
Information retrieval+
Information transfer+

Information retrieval
The use of computers, electronic accounting machines, and similar mechanical devices to organize, store, and retrieve recorded information.
RT Information exchange
BT Information processing+
NT Subject indexing+

Information sciences
RT Information systems
Information warfare
BT Social sciences
NT Information theory+
Lexicography
Libraries
Library science

Information surveillance
(1-OCT-1999)
BT Information warfare+

Information systems
RT Information sciences
NT Biomedical information systems
Chemical information systems
Geographical information systems
Management information systems+
Tactical data systems+

Information theory
UF Communication theory
RT Cybernetics
Ergodic processes
BT Information sciences+
Theory
NT Automata
Numbering systems

Information transfer
RT TAB(DTIC)
BT Information processing+
Transfer
NT Information exchange

Information warfare
(1-OCT-1997)
RT Information sciences
BT Electronic warfare+
NT Information surveillance

Infrapolynomials
use Polynomials

Infrared beacons
RT Infrared flares
BT Beacons+
Infrared equipment+

Infrared binoculars
RT Infrared telescopes
BT Binoculars+
Infrared equipment+
Infrared optical systems+

Infrared cameras
(1-APR-1999)
RT Infrared photography
BT Cameras+
Infrared equipment+

Infrared communications
RT Ultraviolet communications
BT Optical communications+

Infrared counter countermeasures
RT Infrared countermeasures
BT Optical counter countermeasures+

Infrared countermeasures
RT Infrared counter countermeasures
BT Optical countermeasures+
NT Infrared decoys
Infrared jamming

Infrared decoys
BT Decoys+
Infrared countermeasures+
Infrared equipment+

Infrared detection
RT Infrared detectors
Ultraviolet detection
BT Optical detection+
NT Thermovision

Infrared detectors
UFC Infrared early warning systems
RT Infrared detection
Ultraviolet detectors
BT Infrared equipment+
Optical detectors+

Infrared domes
BT Domes(Structural forms)+
Infrared equipment+

Infrared early warning systems
use all Early warning systems
Infrared detectors

Infrared equipment
RT Ultraviolet equipment
BT Optical equipment
NT Forward looking infrared systems
Infrared beacons
Infrared binoculars
Infrared cameras
Infrared decoys
Infrared detectors
Infrared domes
Infrared film
Infrared filters
Infrared flares
Infrared fuzes
Infrared image tubes+
Infrared lamps
Infrared lasers+
Infrared optical systems+
Infrared photoconductors
Infrared photoelectric cells
Infrared receivers
Infrared spectrometers
Infrared spectrophotometers
Infrared telescopes
Infrared transmitters
Infrared windows
Long path infrared equipment
Sniperscopes
Thermovision

Infrared film
RT Infrared photography
BT Infrared equipment+
Photographic film+

Infrared filters
RT Ultraviolet filters
BT Infrared equipment+
Optical filters+

Infrared flares
RT Infrared beacons
BT Flares+
Infrared equipment+

Infrared flash lamps
use all Flash lamps
Infrared lamps

Infrared fuzes
BT Electromagnetic fuzes+
Infrared equipment+

Infrared homing
RT Infrared tracking
BT Homing+

Infrared image tubes
RT Infrared images
BT Image tubes+
Infrared equipment+
Thermography
NT Thermicons

Infrared images
RT Infrared image tubes
Thermicons
BT Infrared phenomena+
Optical images+
Thermography

Infrared jamming
BT Electromagnetic interference+
Infrared countermeasures+
Jamming+

Infrared lamps
UFC Infrared flash lamps
RT Ultraviolet lamps
BT Infrared equipment+
Lamps+

Infrared lasers
RT Ultraviolet lasers
BT Infrared equipment+
Lasers+
NT Carbon dioxide lasers

Infrared optical materials
UFC Infrared phosphors
RT Infrared optical systems
Ultraviolet optical materials
BT Optical materials+

Infrared optical systems
RT Infrared optical materials
BT Infrared equipment+
NT Infrared binoculars
Infrared telescopes
Sniperscopes

Infrared phenomena
BT Optical phenomena+
NT Infrared images
Infrared radiation+

Infrared phosphors
use all Infrared optical materials
Phosphorescent materials

Infrared photoconductors
RT Infrared vidicons
BT Infrared equipment+
Photoconductors+

Infrared photoconductors (cont.)
Photoelectric materials

Infrared photoelectric cells
BT Infrared equipment+
Photoelectric cells(Semiconductor)+

Infrared photography
RT Infrared cameras
Infrared film
Infrared reconnaissance
Ultraviolet photography
BT Photography

Infrared pulses
BT Electromagnetic pulses+
Infrared radiation+

Infrared radiation
RT Ultraviolet radiation
BT Electromagnetic radiation+
Infrared phenomena+
NT Far infrared radiation
Infrared pulses
Intermediate infrared radiation
Near infrared radiation

Infrared receivers
RT Ultraviolet receivers
BT Infrared equipment+
Receivers

Infrared reconnaissance
RT Infrared photography
BT Reconnaissance+

Infrared research
BT Military research

Infrared scanning
BT Optical scanning+

Infrared signatures
RT Infrared spectra
Ultraviolet signatures
BT Optical signatures+

Infrared spectra
RT Infrared signatures
Ultraviolet spectra
BT Electromagnetic spectra+

Infrared spectrometers
RT Infrared spectrophotometers
Ultraviolet spectrometers
BT Infrared equipment+
Spectrometers+

Infrared spectrophotometers
RT Infrared spectrometers
Ultraviolet spectrophotometers
BT Infrared equipment+
Spectrophotometers+

Infrared spectroscopy
RT Ultraviolet spectroscopy
BT Spectroscopy

Infrared stars
BT Stars+

Infrared suppressors
BT Suppressors

Infrared surveillance
RT Infrared telescopes
BT Surveillance

Infrared telescopes
RT Infrared binoculars
Infrared surveillance
BT Infrared equipment+
Infrared optical systems+
Telescopes+

Infrared tracking
RT Infrared homing
BT Optical tracking+

Infrared transmitters
BT Infrared equipment+
Transmitters

Infrared vidicons
RT Infrared photoconductors
BT Vidicons+

Infrared windows
BT Infrared equipment+
Optical equipment components+
Windows+

Infrasonic radiation
BT Acoustic waves+
Low frequencies+
NT Infrasound

Infrasound
BT Infrasonic radiation+

Infrastructure
(1-OCT-1995)
NT Public utilities

Infringement
BT Legislation

Infusions
NT Parenteral infusions

Infusions(Parenteral)
use Parenteral infusions

Ingestion(Engines)
BT Inlets+

Ingestion(Physiology)
UF Drinking
Eating

Ingestion(Physiology) (cont.)
RT Mastication
BT Feeding

Inhabitants
BT Communities+
Population+

Inhalation
RT Exhalation
BT Respiration+

Inhibition
RT Inhibitors
NT Corrosion inhibition+
Quenching(Inhibition)

Inhibitors
RT Antidotes
Inhibition
NT Antifogging agents
Enzyme inhibitors+
Flame inhibitors
Foaming inhibitors

Inhibitors(Foam)
use Foaming inhibitors

Inhibitors(Oxidation)
use Antioxidants

Initiators
use Explosives initiators

Injection
NT Fuel injection
Injections(Medicine)+
Secondary injection
Water injection

Injection carburetors
use all Carburetors
Fuel injectors

Injection diodes
BT Semiconductor diodes+

Injection guidance
BT Guidance

Injection lasers
BT Lasers+

Injection molding
BT Molding techniques+
NT Resin transfer molding

Injections(Medicine)
UF Injectors(Medicine)
BT Injection
NT Hypodermic injections
Intramuscular injections

Injectors
BT Pumps
NT Fuel injectors

Injectors(Medicine)
use Injections(Medicine)

Injuries
use Wounds and injuries

Inks
RT Printing
BT Colorants

Inland waterways
UF Waterways(Inland)
BT Waterways+
NT Canals+
Lakes+
Ponds
Saint Lawrence Seaway

Inlet guide vanes
RT Inlets
BT Guide vanes+

Inlet shrouds
BT Coverings
Inlets+

Inlets
RT Inlet guide vanes
Vents
BT Openings
NT Air intakes+
Duct inlets
Ingestion(Engines)
Inlet shrouds
Jet engine inlets+
Wing inlets

Inlets(Waterways)
BT Waterways+
NT Fjords

Inner tubes
BT Tire tubes+

Inoculation
BT Therapy+

Inorganic acids
RT Organic acids
BT Acids+
NT Boric acid
Chromic acid
Hydrochloric acid
Hydrofluoric acid
Hypochlorous acid
Molybdic acids
Nitric acid
Osmic acid
Perchloric acid
Phosphonic acids
Phosphoric acids

Inorganic acids (cont.)
Selenious acids
Silicic acids
Sulfuric acid

Inorganic chemistry
RT Organic chemistry
BT Chemistry+

Inorganic compounds
RT Organic compounds
BT Chemical compounds
NT Alkali metal compounds+
Borates+
Borides+
Oxyhalides+

Inorganic materials
RT Organic materials
BT Materials
NT Inorganic polymers

Inorganic polymers
BT Inorganic materials+
Polymers+

Inosine
BT Organic compounds

Input
RT Output
Reading machines
NT Throughput

Input output devices
RT Input output processing
BT Data processing equipment+
NT Analog to digital converters
Data processing terminals
Digital to analog converters
Light pens
Plotters+
Punched cards
Punched tape
Punching machines
Reading machines+

Input output models
BT Models

Input output processing
RT Input output devices
BT Data processing+
NT Graphical user interface+
Read out techniques

Insanity
use Mental disorders

Insect bites
use all Bites and stings
Insects

Insect control
RT Insect repellents
Insecticides
Insects
BT Pest control+
NT Biological insect control

Insect repellents
RT Insect control
BT Repellents

Insecticidal paints
use all Insecticides
Paints

Insecticides
UFC Insecticidal paints
RT Aldrin
Insect control
Kojic acid
Malathion
BT Pesticides+
NT Allethrin
Chlordane
DDT
Diazinon
Dieldrin
Parathion
Pyrethrins
Resmethrin

Insectivora
BT Mammals+

Insects
UFC Insect bites
RT Entomology
Insect control
Nymph
Pests
BT Arthropoda+
NT Aquatic insects
Blood sucking insects
Coleoptera
Diptera+
Hemiptera
Hymenoptera+
Isoptera+
Lepidoptera
Lice
Orthoptera+
Siphonaptera+
Winged insects

Insensitive explosives
(1-OCT-1991)
Explosives designed with only a small probability of accidental detonation.
BT Explosives

Insertion loss
RT Transmission loss
BT Losses

Inserts
BT Spacers

Inshore areas
BT Shores+

Insomnia
RT Sleep
BT Sleep deprivation+

Inspection
RT Acceptability
NT Reactor inspection
Visual inspection

Instability
(1-OCT-1991)
RT Stability
NT Parametric instability
Rayleigh Taylor instability
Thermal instability

Installation
BT Fabrication

Installation restoration
(1-OCT-1992)
The correction of man-made environmental hazards at commercial, industrial or military sites, usually in preparation for site conversion to another use.
RT Military facilities

Instruction manuals
BT Instructional materials
Manuals+
NT User manuals

Instructional materials
RT Instructions
NT Instruction manuals+

Instructions
RT Instructional materials
Instructors
BT Documents

Instructors
UF Teachers
RT Instructions
Schools
BT Personnel

Instrument dials
RT Instrument panels
BT Instrumentation+

Instrument flight
UF Blind flying
RT Instrument landings
BT Flight

Instrument greases
BT Greases+

Instrument landings
RT Instrument flight
BT Aircraft landings+

Instrument panels
RT Instrument dials
BT Control panels+

Instrumental variables
use Probability

Instrumentation
BT Laboratory equipment
NT Astronomical instruments+
Bioinstrumentation
Heliostats
Instrument dials
Measuring instruments+
Nuclear instrumentation

Instruments(Surgical)
use Surgical instruments

Insulation
RT Absorbers(Materials)
Asbestos
Linings
NT Acoustic insulation
Electrical insulation
Thermal insulation

Insulation(Mechanical)
use Vibration isolators

Insulin
RT Diabetes
BT Pancreatic hormones+

Insurance
BT Finance

Insurgency
RT Counterinsurgency
NT Political revolution

Intake manifolds
use Manifolds(Engines)

Intake valves
BT Valves

Integer programming
BT Mathematical programming+

Integral equations
UF Bateman's method
Cauchy kernals
Fredholm integral equation
Fredholm theory
Kernels(Integral equations)
Schmidt theory
Transport theory

Integral equations (cont.)
Wiener-Hopf equations
BT Equations+
Mathematical analysis+
NT Volterra equations

Integral functions
use Functions(Mathematics)

Integral rocket ramjets
BT Rocket ramjets+

Integral transforms
UF Hermite transforms
Hilbert's transform
Mellin transform
Operational calculus
Pansions
Sturm-Liouville transform
Z forms
RT Convolution integrals
BT Transformations(Mathematics)+
NT Fourier transformation+
Laplace transformation
Walsh transformation
Wavelet transforms

Integrals
UF Airy Hardy integrals
Divergent integrals
Kassel integrals
Michell's integral
Riesz integrals
Stieltjes integrals
Wiener integrals
BT Mathematics
NT Contour integrals
Convolution integrals
Dirichlet integral
Fresnel integrals
Path integrals

Integrated circuits
RT Integrators
BT Printed circuits+
Semiconductor devices+
NT Large scale integration
Very large scale integration

Integrated optics
(1-JAN-00)
BT Optics

Integrated systems

Integration
UF Bergman integration
Leroux integration

Integrators
Transducers, circuits, or networks having input waveforms that are substantially the time integral of the output waveforms.
RT Integrated circuits

Integrators (cont.)
NT Integrators(Computers)
Pulse integrators

Integrators(Computers)
BT Integrators

Integumentary diseases
RT Integumentary system
BT Diseases
NT Alopecia
Skin diseases+

Integumentary system
RT Integumentary diseases
BT Anatomy+
NT Hair
Nails(Tissues)+
Skin(Anatomy)+
Subcutaneous tissue
Sweat glands

Intelligence
RT Intelligibility
Knowledge based systems
NT Acoustic intelligence
Counterintelligence
Electronic intelligence+
Intelligence(Humans)
Military intelligence+
Photographic intelligence

Intelligence(Humans)
BT Intelligence
Learning+

Intelligence(Military)
use Military intelligence

Intelligence tests
Tests to determine mental age, i.e., relative capacity to absorb information, solve problems, or to learn apart from actual achievement.
UF Binet tests
Wechsler scales
BT Performance tests

Intelligibility
RT Ambiguity
Comprehension
Intelligence
BT Recognition+
Speech+
NT Speech recognition

Intensity
NT Amplitude
Field intensity
High intensity
Loudness
Low intensity
Medium intensity
Rainfall intensity

Intensive care units
(1-APR-1998)
BT Hospitals+
NT Cardiac care units

Interactions
NT Air water interactions
Collisions+
Coupling(Interaction)+
Decoupling(Interaction)
Electron electron interactions
Gas surface interactions
Ion ion interactions
Ion molecule interactions
Laser target interactions+
Molecule molecule interactions+
Soil structure interactions+

Interactive graphics
RT Computer graphics
BT Graphics

Intercept trajectories
RT Collisions
Spacecraft docking
BT Trajectories+

Interception
RT Interception probabilities
Interceptors
NT Aircraft interception+
Ground controlled interception
Radar interception
Radio interception
Sonar interception

Interception probabilities
RT Interception
BT Weapon system effectiveness+
NT Circular error probable
Hit probabilities
Miss distance

Interceptor spacecraft
BT Interceptors
Spacecraft

Interceptors
RT Interception
NT Interceptor spacecraft

Intercommunication systems
BT Communication and radio systems
Telephone systems+
NT Interphones

Intercontinental ballistic missiles
(1-OCT-1996)
BT Surface to surface missiles+

Intercostal muscles
BT Muscles+

Interdiction
BT Military operations
NT Area denial

Interfaces
NT Man computer interface+

Interfacial tension
use Surface tension

Interference
RT Interference analyzers
NT Crosstalk
Electromagnetic interference+
Intersymbol interference

Interference analyzers
RT Interference
BT Analyzers
Test equipment

Interference guard band
BT Frequency bands+

Interferograms
RT Interferometers
Interferometry
BT Optical images+

Interferometers
RT Interferograms
Interferometry
BT Measuring instruments+
NT Optical interferometers+
Radio interferometers

Interferometry
RT Interferograms
Interferometers
NT Moire effects
Radio interferometry+
Speckle interferometry
Strehl ratio

Interferon
RT Virus diseases
BT Blood proteins+
Immunochemistry+
Proteins

Interior ballistics
The combustion of propellants in guns or rocket motors and the motion of projectiles in gun barrels.
BT Ballistics
NT Balloting(Interior ballistics)
Obturation(Ballistics)

Interlacing
BT Joining

Intermediate frequencies
A frequency resulting from the combination of a received modulated carrier frequency and a locally-generated oscillator frequency.
UF IF
UFC Intermediate frequency filters
Intermediate frequency transformers
BT Frequency

Intermediate frequency amplifiers
BT Radiofrequency amplifiers+

Intermediate frequency filters
use all Intermediate frequencies
Radiofrequency filters

Intermediate frequency transformers
use all Intermediate frequencies
Transformers

Intermediate infrared radiation
BT Infrared radiation+

Intermediate range(Distance)
BT Range(Distance)

Intermetallic compounds
Alloys in which the constituent atoms are in fixed integral ratios. Specific intermetallic compounds are indexed by designating the metallic alloy involved.
BT Alloys
NT Aluminum intermetallics
Gold intermetallics
Iron intermetallics
Lanthanum intermetallics
Nickel intermetallics+
Samarium intermetallics
Titanium aluminide

Intermodulation
RT Demodulation
BT Modulation

Internal
RT External

Internal combustion engine noise
RT Internal combustion engines
BT Engine noise+

Internal combustion engines
UF Gasoline engines
RT Carburetors
Internal combustion engine noise
Wankel cycle
BT Heat engines+
NT Compound engines
Compression ignition engines+
Rotary combustion engines
Spark ignition engines

Internal conversion
UFC Conversion electrons
BT Radioactive decay+

Internal electromagnetic pulses
BT Electromagnetic pulses+

Internal friction
The damping of elastic vibrations in a solid.
BT Friction

Internal medicine
BT Clinical medicine+
NT Cardiology
Gynecology+
Neurology+
Urology+

Internal pressure
BT Pressure

Internal reflection
BT Reflection

Internal waves
RT Surface waves
BT Waves

International
BT Global

International airports
BT Airports+

International law
RT International relations

International politics
BT Political science+
NT International relations+
Western security(International)

International relations
RT International law
BT International politics+
NT East West relations+

International trade
UF Foreign trade
RT Foreign military sales
BT Commerce
NT Exports
Imports

Internet
(1-OCT-1994)
UF World Wide Web
RT Electronic mail
Intranet
BT Wide area networks+
NT Internet browsers

Internet browsers
(1-JAN-1999)
RT Client server systems
BT Graphical user interface+
Internet+

Interns
BT Medical personnel+

Interoceptors
use End organs

Interoperability
(1-SEP-1990)
The capability of being used or operated reciprocally.
RT Commonality

Interpersonal relations
BT Human relations+
NT Domestic violence
Gender discrimination
Homosexuality
Marriage

Interphones
BT Intercommunication systems+

Interplanetary space
RT Interstellar space
BT Space environments+

Interplanetary trajectories
BT Spacecraft trajectories+

Interpolation
RT Extrapolation
BT Numerical analysis+
NT Cubic spline technique

Interpreters
BT Translators+

Interrogation
RT Interrogators

Interrogator transmitters
RT Interrogators
BT Transmitters

Interrogators
RT Interrogation
Interrogator transmitters

Interrupter plugs
use Interrupters

Interrupters
UF Interrupter plugs
RT Interruption
BT Electric switches+

Interruption
RT Interrupters
Intervention

Interruption (cont.)
BT Stopping

Intersensory perception
use Senses(Physiology)

Interstellar matter
RT Interstellar space
BT Space environments+

Interstellar space
RT Interplanetary space
Interstellar matter
BT Space environments+

Interstitial
BT Voids

Intersymbol interference
BT Interference

Intervalometers
RT Intervals
BT Timing devices

Intervals
RT Intervalometers

Intervention
RT Interruption

Intervertebral disks
use Cartilage

Interviewing

Intestinal parasites
RT Intestinal parasitosis
Intestines
BT Parasites+

Intestinal parasitosis
RT Intestinal parasites
Intestines
BT Parasitic diseases+

Intestines
UF Large intestine
Sigmoid colon
RT Intestinal parasites
Intestinal parasitosis
BT Gastrointestinal system+
NT Cecum
Colon
Rectum
Small intestine+

Intocostrin
use Curare alkaloids

Intoxication
RT Toxicology
BT Alcoholism+

Intracranial neoplasms
BT Neoplasms+

Intramuscular injections
BT Injections(Medicine)+

Intranet
(1-JUL-1999)
RT Internet
BT Local area networks+

Intravascular clots
RT Blood coagulation
BT Vascular congestion+

Intravenous bottles
BT Bottles+

Intravenous feeding
use Parenteral infusions

Intrusion
RT Intrusion detection
Intrusion detectors

Intrusion detection
RT Intrusion
Intrusion detectors
BT Detection

Intrusion detectors
RT Antiintrusion devices
Intrusion
Intrusion detection
BT Detectors
NT Motion detectors

Intubation
RT Cannulation
BT Therapy+

Inulin
BT Polysaccharides+

Invariance
BT Mathematics

Inventions
RT Patents

Inventory
RT Accounting
NT Inventory analysis
Inventory control+
Stockpiles

Inventory analysis
BT Inventory

Inventory control
BT Inventory
NT Obsolescence theory
Replacement theory+

Inverse hyperbolic functions
use Special functions(Mathematics)

Inverse scattering
BT Scattering

Inversion
NT Temperature inversion

Invertase
use Glycoside hydrolases

Invertebrate fossils
use Paleontology

Invertebrates
RT Exoskeleton
Vertebrates
BT Animals
NT Arthropoda+
Coelenterata+
Echinodermata+
Mollusca+
Protozoa+
Shellfish+
Sponges
Worms+

Inverter circuits
Circuits that take in positive signals and put out negative ones, or vice versa.
RT Inverters
BT Circuits+

Inverters
Devices that convert direct current to alternating current.
RT Converters
Inverter circuits
NT Rotary inverters

Investment casting
BT Casting+

Investments
RT Economics
BT Finance
NT Capital investments

Inviscid flow
RT Viscous flow
BT Fluid flow+

In-flight feeding
use all Food dispensing
Inflight

Iodamoeba
BT Amoeba+

Iodates
BT Iodine compounds+

Iodides
BT Halides+
Iodine compounds+
NT Hydrogen iodide
Silver iodide

Iodination
RT Iodine
BT Chemical reactions+
Halogenation+

Iodine
RT Iodination
Iodine compounds
BT Halogens+

Iodine compounds
RT Iodine
BT Halogen compounds+
NT Iodates
Iodides+

Iodochlorol
use Contrast media(Medicine)

Iodopsin
use Eye pigments

Iodopyracet
use Contrast media(Medicine)

Ion accelerators
RT Ion bombardment
BT Particle accelerators

Ion beams
RT Ions
BT Particle beams+

Ion bombardment
RT Ion accelerators
BT Particle accelerator techniques+

Ion chambers
use Ionization chambers

Ion density
RT Ions
BT Density+

Ion engines
BT Electric engines+
Rocket engines+

Ion exchange
UF Anion exchange
RT Mass transfer
BT Separation

Ion exchange resins
RT Zeolites
BT Polymers+

Ion gages
use Ionization gages

Ion implantation
RT Ions
BT Implantation

Ion ion interactions
BT Interactions

Ion molecule interactions
(1-SEP-1990)
BT Interactions

Ion pumps
RT Getters
BT Vacuum pumps+

Ion selective electrodes
BT Electrodes

Ion sources
RT Ions
Sources
BT Particle accelerator components+

Ionian Sea
BT Mediterranean Sea+

Ionic crystals
BT Crystals+

Ionic current
BT Electric current+

Ionic strength
(1-APR-00)
BT Molecular properties
Solubility+

Ionization
UFC Sporadic e layer
RT Deionization
Dissociation
Electrical corona
Ionization chambers
BT Chemical reactions+
NT Gas ionization
Ionization trails
Photoionization

Ionization chambers
UF Ion chambers
Ionization counters
RT Ionization
BT Chambers
Radiation measuring instruments+
NT Bubble chambers
Cloud chambers
Spark chambers

Ionization counters
use Ionization chambers

Ionization gages
UF Ion gages
BT Pressure gages+
Vacuum apparatus+

Ionization potentials
UF Potentials(Ionization)
RT Potential energy

Ionization trails
RT Meteor burst communications
Particle trajectories
BT Ionization+

Ionized gases
RT Gas ionization
BT Gases+

Ionizing radiation
BT Radiation
NT Alpha particles
Beta particles
Cosmic rays+
Gamma rays+
Ultraviolet radiation+
X rays+

Ionograms
RT Ionosphere
BT Ionosondes+

Ionomers
BT Polymers+

Ionosondes
RT Ionosphere
BT Measuring instruments+
NT Ionograms

Ionosphere
RT Ionograms
Ionosondes
Ionospheric chemistry
Ionospheric models
Ionospheric modification
Ionospheric propagation
BT Upper atmosphere+
NT D region
E region
F region+
Ionospheric disturbances+

Ionospheric chemistry
RT Ionosphere
BT Aeronomy+
Atmospheric chemistry+

Ionospheric disturbances
BT Aeronomy+
Atmospheric disturbances
Ionosphere+
NT Aurorae
Ionospheric scintillation
Polar cap absorption

Ionospheric models
RT Ionosphere
BT Aeronomy+
Atmosphere models+

Ionospheric modification
RT Ionosphere
BT Modification

Ionospheric propagation
RT Ionosphere
Riometers
BT Radio transmission+
NT Luxemburg effect

Ionospheric scintillation
BT Ionospheric disturbances+
Scintillation

Ions
Electrically charged molecular fragments or atoms. For subatomic ions, see Charged particles. Ions of specific elements are indexed by the compounds of the elements.
RT Ion beams
Ion density
Ion implantation
Ion sources
BT Charged particles
NT Anions
Cations+
Complex ions
Free radicals
Heavy ions
Molecular ions+
Protons
Stripped atoms

Ions(Subatomic)
use Charged particles

Iowa
BT United States+

Iowa River
BT Rivers+

Ipecac alkaloids
use Isoquinoline alkaloids

Iran
BT Middle East+
Southwest Asia+

Iraq
BT Middle East+
Southwest Asia+

Ireland
Used for Irish Republic. For Northern Ireland, use United Kingdom.
BT Atlantic Ocean Islands+

Ireland (cont.)
European communities+
Western Europe+

Iridectomy
(1-JAN-1998)
RT Iris
BT Excision+

Iridium
RT Iridium alloys
Iridium compounds
BT Precious metals+
Refractory metals+

Iridium alloys
RT Iridium
Iridium compounds
BT Refractory metal alloys+

Iridium compounds
RT Iridium
Iridium alloys
BT Group VIII compounds+

Iris
RT Iridectomy
BT Eye pigments+

Iron
RT Iron alloys
Iron compounds
BT Transition metals+

Iron alloys
UF Ferroalloys
Ferrous alloys
RT Iron
Iron compounds
Magnetic alloys
BT Alloys
NT Iron intermetallics
Steel+

Iron aluminide
BT Aluminides+
Iron compounds+

Iron compounds
UF Ferric compounds
Ferrous compounds
RT Iron
Iron alloys
BT Group VIII compounds+
NT Ferrates
Ferromanganese minerals
Iron aluminide
Iron oxides

Iron industry
BT Industries
NT Steel industry

Iron intermetallics
BT Intermetallic compounds+
Iron alloys+

Iron organic compounds
BT Organic compounds
Organometallic compounds+
NT Ferredoxin
Ferrocenes

Iron oxides
BT Iron compounds+
Oxides+

Irradiated food
RT Irradiation
BT Food

Irradiation
RT Irradiated food
BT Radiation
NT Deuteron bombardment
Electron irradiation
Neutron irradiation
Partial body irradiation
Whole body irradiation

Irrational numbers
BT Real numbers+

Irreversible processes
Processes occurring in systems such that, in order to reverse the direction of the processes, finite changes in the parameters of the systems must be made.

Irrigation(Medicine)
RT Flushing
BT Therapy+

Irrigation systems
RT Dams
Drainage
BT Agriculture

Irritating agents
BT Incapacitating agents+
NT CS agents
Irritation
Tear gas

Irritation
BT Irritating agents+
Physiological effects+

Ischemia
RT Vasoconstricting
BT Blood circulation+

Isentrope
RT Adiabatic conditions
BT Thermal expansion+

Islam
BT Religion+

Islands
BT Geographic areas
Landforms+
NT Archipelagoes+
Arctic Ocean Islands+
Atlantic Ocean Islands+
Atolls+
Indian Ocean Islands+
Mediterranean Sea Islands+
Pacific Ocean Islands+
Singapore

Islands of Langerhans
use Pancreas

Isobars(Pressure)
BT Barometric pressure+

Isobutylene
use Butenes

Isocyanates
BT Cyanates+

Isocyanic acid
BT Acids+

Isolation
RT Confined environments
Separation
BT Confinement(General)

Isolation(Perceptual)
use Sensory deprivation

Isomaltose
use Disaccharides

Isomerases
RT Isomerization
BT Enzymes
NT Racemases and epimerases

Isomeric transitions
Radioactive transition from one nuclear isomer to another of of lower energy.
RT Isomerization

Isomerization
RT Isomerases
Isomeric transitions
BT Chemical reactions+

Isomers
RT Molecular isomerism
BT Stoichiometry+
NT Enantiomers

Isomers(Molecular)
use Molecular isomerism

Isomers(Nuclear)
use Nuclear isomers

Isoniazid
BT Hydrazides
Pyridines+

Isoperimetric inequalities
use Inequalities

Isopoda
BT Crustacea+

Isoprene
BT Butadienes+
Terpenes

Isoproterenol
RT Antispasmodic agents
BT Sympathomimetic agents+

Isoptera
UF White ants
BT Insects+
NT Termites

Isoquinoline alkaloids
UF Corydaline derivatives
Emetine
Ipecac alkaloids
BT Alkaloids
NT Anhalonium alkaloids
Curare alkaloids
Opium alkaloids+
Strychnos alkaloids

Isospin
BT Spin states+

Isostatic change
BT Earth sciences+

Isostatic pressing
BT Pressing(Forming)+

Isotherms
RT Temperature
BT Temperature gradients+

Isotope availability
RT Isotopes
BT Availability

Isotope effect
BT Isotopes+

Isotope exchange
BT Isotope separation+

Isotope impurities
RT Isotopes
BT Impurities

Isotope separation
RT Isotopes
BT Separation
NT Centrifuge separation
Gaseous diffusion separation
Isotope exchange
Magnetic separation
Thermal diffusion separation

Isotopes
RT Isotope availability
Isotope impurities
Isotope separation
BT Nuclides+
NT Isotope effect
Radioactive isotopes+
Stable isotopes+

Isotropism
RT Symmetry
BT Physical properties

Isozymes
BT Enzymes
NT Lactic dehydrogenase

Israel
BT Middle East+
Southwest Asia+

Israeli commandos
BT Military Forces(Foreign)+

Israelis
BT Ethnic groups+

Italian language
(1-JUN-1989)
BT Foreign languages+

Italy
BT European communities+
Western Europe+
NT Sardinia
Sicily

Iterations
BT Numerical analysis+

Ivory Coast
BT Subsaharan Africa+
West Africa+

Ixodidae
BT Ticks+

J

J band
BT Superhigh frequency+

J integrals
RT Crack propagation
BT Fracture(Mechanics)+

Jackets
RT Coverings
BT Clothing

Jacking equipment
use Jacks(Lifts)

Jacks(Electrical)
use Electric connectors

Jacks(Lifts)
UF Jacking equipment
BT Positioning devices(Machinery)+
NT Hydraulic jacks

Jacobi polynomials
use Polynomials

Jacobi series
use Series(Mathematics)

Jacobian varieties
use Algebraic geometry

Jamaica
BT West Indies+

Jamming
RT Clutter
BT Electronic countermeasures+
NT Acoustic jamming
Infrared jamming
Look through jamming
Noise jamming+
Optical jamming
Radar jamming
Radio jamming
Repeater jammers

Japan
RT Japanese language
BT Far East+
Pacific Ocean Islands+
NT Ryukyu Islands+

Japan Sea
BT North Pacific Ocean+

Japanese B encephalitis virus
BT Group B arboviruses+
Japanese encephalitis viruses+

Japanese encephalitis
RT Japanese encephalitis viruses
BT Encephalitis+
Virus diseases+

Japanese encephalitis viruses
RT Japanese encephalitis
BT Viruses+
NT Japanese B encephalitis virus

Japanese language
RT Japan
BT Foreign languages+

Jatos
RT Short takeoff aircraft
BT Solid propellant rocket engines+

Java
BT Indonesia+

Java programming language
(1-JUL-1998)
BT High level languages+

Java Sea
BT Oceans+

Jejunum
BT Small intestine+

Jellyfish
use Coelenterata

Jet aircraft
RT Jet aircraft noise
BT Aircraft
NT Hypersonic aircraft
Jet bombers+
Jet fighters+
Jet flying boats
Jet seaplanes
Jet training aircraft
Jet transport aircraft+
Supersonic aircraft+

Jet aircraft noise
RT Jet aircraft
BT Aircraft noise+

Jet bombers
BT Bomber aircraft+
Jet aircraft+
NT Fighter bombers

Jet engine exhaust
RT Jet engines
BT Exhaust gases+

Jet engine fairings
BT Fairings

Jet engine fuels
UF Jet fuels
RT Jet engines
BT Fuels
NT Solid jet engine fuels

Jet engine inlets
BT Engine air systems components+
Inlets+
NT Ramjet inlets
Turbojet inlets

Jet engine nacelles
BT Engine nacelles+

Jet engine noise
RT Jet engines
BT Engine noise+

Jet engine valves
BT Valves

Jet engines
RT Jet engine exhaust
Jet engine fuels
Jet engine noise
BT Engines
NT Afterburners
Hydrojet engines+
Pulsejet engines
Ramjet engines+
Turbojet engines+

Jet fighters
BT Fighter aircraft+
Jet aircraft+
NT Fighter bombers

Jet flames
BT Flames+

Jet flaps
RT Flaps(Control surfaces)
Jet tabs
Jetavators
BT Boundary layer control+

Jet flow
RT Jet mixing flow
BT Fluid flow+

Jet flying boats
BT Flying boats+
Jet aircraft+

Jet fuels
use Jet engine fuels

Jet helicopter rotors
UF Aeolipile rotors
Rocket helicopter rotors
BT Helicopter rotors+

Jet lag
RT Transmeridian flights
BT Biological rhythms+

Jet mixing flow
RT Jet flow
BT Fluid flow+

Jet propulsion
UFC Hydroduct propulsion
BT Propulsion systems

Jet pumps
UF Eductors
Ejectors(Fluid)
UFC Exhaust gas ejectors
BT Pumps

Jet seaplanes
BT Jet aircraft+
Seaplanes+

Jet streams
BT Wind+

Jet tabs
RT Jet flaps
BT Guide vanes+
Thrust vector control systems+

Jet training aircraft
BT Jet aircraft+
Training aircraft+

Jet transport aircraft
BT Jet aircraft+
Transport aircraft+
NT Supersonic transport aircraft

Jet vanes
BT Guide vanes+

Jetavators
RT Jet flaps
BT Guide vanes+
Thrust vector control systems+

Jetties
use Breakwaters

Jettisonable cockpits
UF Aircraft escape capsules
RT Escape systems
BT Cockpits+
Jettisonable equipment

Jettisonable equipment
UFC Droppable fuel tanks
Jettisonable fuel tanks
RT Staging
NT Jettisonable cockpits

Jettisonable fuel tanks
use all Fuel tanks
Jettisonable equipment

Jewel bearings
BT Bearings

Jews
BT Ethnic groups+

Jigs
BT Positioning devices(Machinery)+

Jitter
(1-OCT-1992)
Irregular random movement of a pointer or an image; vibratory motion.
BT Vibration+

Job analysis
RT Jobs
BT Personnel management+
NT Job satisfaction

Job satisfaction
RT Jobs
BT Job analysis+

Job shop scheduling
BT Scheduling+

Job training
RT Jobs
BT Training+

Jobs
RT Careers
Job analysis
Job satisfaction
Job training
NT Watch(Duty)

Johnston Island
BT Pacific Ocean Islands+

Joining
RT Docking
Fastenings
Joints
NT Attachment+
Bonding+
Interlacing
Thermal joining+

Joint military activities
BT Military operations
NT NATO Forces

Joint test and evaluation
(1-MAY-1983)
A testing program to examine the capability of developmental and deployed systems to perform their intended missions in a joint environment.
BT Test and evaluation

Joints
RT Fittings
Joining
NT Ball joints
Bolted joints
Bonded joints
Brazed joints
Expansion joints
Hingeless
Hinges

Joints (cont.)
Metal joints
Pivots+
Riveted joints
Soldered joints
Splices
Toggle joints
Universal joints
Welded joints

Joints(Anatomy)
UF Joints(Physiology)
UFC Ankle
Arthroplasty
RT Arthritis
Ligaments
BT Musculoskeletal system+
NT Hip+
Knee(Anatomy)
Neck(Anatomy)
Shoulders(Anatomy)
Wrist

Joints(Physiology)
use Joints(Anatomy)

Jordan
BT Middle East+
Southwest Asia+

Josamycin
BT Antibiotics+

Josephson junctions
BT Semiconductor junctions+

Joule Thomson effect
RT Cryogenics
BT Phase transformations+
Thermodynamics

Journal bearings
UF Sleeve bearings
BT Roller bearings+

Journalism
(1-SEP-1990)
Reporting, writing, and/or editing for newspapers, magazines, news broadcasting, etc.
RT Newspapers
Writing
BT Careers+

Journeyman level
RT Careers
BT Personnel development+

Juan de Fuca Strait
BT Straits+

Judgement(Psychology)
RT Decision making
BT Reasoning+

Jugular vein
BT Veins+

Jumpers(Electricity)
use Electric shunts

Junction boxes
BT Electrical equipment

Junction diodes
BT Semiconductor diodes+

Junction transistors
BT Transistors+
NT Pnp transistors

Junctions
NT Semiconductor junctions+

Jungle tests
use Tropical tests

Jungles
RT Tropical regions
BT Landforms+
Vegetation+

Junin virus
(1-OCT-1998)
Agent for Argentinean Hemorrhagic Fever.
RT Hemorrhagic fevers
BT Arenaviruses+

Jupiter(Planet)
BT Outer planets+

Just in time inventory
(1-APR-1998)
BT Replacement theory+

Jute
(1-SEP-1981)
The glossy fiber of either of two East Indian plants used chiefly for sacking, burlap and the cheaper varieties of twine.
UF Manila
BT Fibers

Juxtapolynomials
use Polynomials

K

K band
10,900 to 36,000 mhz
BT Superhigh frequency+
NT Ka band
Ku band

K mesons
UF Mesons(K)
BT Heavy bosons+
Mesons+
Strange particles+

Ka band
BT K band+

Kahler manifolds
use Complex variables

Kahler varieties
use Algebraic geometry

Kalman filtering
BT Linear filtering+

Kalvar film
BT Photographic film+

Kamchatka Peninsula
BT Peninsulas+
Siberia+

Kansas
BT United States+

Kaolinite
RT Aluminates
Soils
BT Clay minerals+

Kara Sea
BT Arctic Ocean+

Kassel integrals
use Integrals

Kazakhstan
(1-OCT-1994)
BT CIS+
Southwest Asia+

Keeler polygraph
use Lie detectors

Kegs
use Barrels

Kellog-Evans theorem
use Partial differential equations

Kelp
BT Algae+
Aquatic plants+

KEL-F
use Halocarbon plastics

Kentucky
BT United States+

Kenya
BT East Africa+

Keratinization

Kernel functions
BT Functions(Mathematics)+

Kernels(Group theory)
use Groups(Mathematics)

Kernels(Integral equations)
use Integral equations

Kerosene
BT Petroleum products+

Kerr cells
UF Kerr optical shutters
RT Kerr magnetooptical effect
BT Cells
Light modulators+
Shutters(Optics)+

Kerr magnetooptical effect
RT Kerr cells
BT Magnetooptics+

Kerr optical shutters
use Kerr cells

Ketenes
BT Ketones+

Ketoacid lyases
UF Formic hydrogenlyase
BT Enzymes
Lyases+

Ketones
BT Alkenes+
NT Acetones
Acetophenones
Anthrones
Benzophenones
Biscyclopentadienones
Butanones
Cyclohexanones+
Fluorenones
Ketenes
Lactones+
Pentanones
Quinones+

Kevlar
use Polyamide plastics

Keyboards
RT Typewriters
BT Consoles+

Keyers(Frequency shift)
use Frequency shift keyers

Kidnappings
RT Hostages
BT Crimes

Kidney diseases
RT Kidneys
BT Diseases
NT Dysuria
Nephritis
Uremia

Kidney function tests
RT Kidneys
BT Test methods+

Kidney stones
use all Calculi
Urinary system

Kidneys
UFC Artificial kidney
Kidneys(Artificial)
Nephrectomy
RT Kidney diseases
Kidney function tests
BT Organs(Anatomy)+
Urinary system+
NT Glomeruli

Kidneys(Artificial)
use all Kidneys
Mechanical organs

Kilkenny coal
use Anthracite

Kill mechanisms
BT Ammunition components+

Kill probabilities
RT Hit probabilities
BT Weapon system effectiveness+

Kill vehicles
(1-JAN-00)
BT Guided missile warheads+

Kinases
use Phosphorus transferases

Kinematics
RT Kinetics
BT Mechanics

Kinescopes
RT Television equipment
BT Cathode ray tubes+

Kinetheodolites
use Phototheodolites

Kinetic energy
UF Momentum energy
RT Electron energy
Kinetics

Kinetic energy (cont.)
BT Energy

Kinetic energy projectiles
BT Projectiles+

Kinetic theory
RT Kinetics
BT Theory
NT Mean free path
Morse potential

Kinetics
RT Kinematics
Kinetic energy
Kinetic theory
BT Dynamics+
NT Electrokinetics
Ferrokinetics

Kinetoplast
BT Cytoplasm+

Kirgyzia
(1-OCT-1994)
BT CIS+
Southwest Asia+

Kirkendall effect
(1-NOV-1980)
The phenomenon whereby a marker placed at the interface between an alloy and a metal moves toward the alloy region when the temperature of the system is raised to the point where differences can occur.

Kitchen equipment and supplies
UF Can openers
Dishwashers
Utensils(Food)
RT Kitchens
NT Cooking devices+
Dough machines(Food processing)
Knives+
Washers(Cleaners)

Kitchens
UF Galleys
RT Kitchen equipment and supplies

Kiting
RT Tethering
BT Flight

Kits
NT Decontamination kits
Modification kits
Survival kits
Tool kits
Winterization kits

Klebsiella
BT Enterobacteriaceae+
NT Klebsiella pneumoniae

Klebsiella pneumoniae
RT Pneumonia
BT Klebsiella+

Kleen partial recursive functionals
use Mathematical logic

Klein Nishina formula
BT Quantum statistics+

Klein spaces
use Functional analysis

Klystrons
RT Amplifiers
BT Microwave tubes+
NT Reflex klystrons

Knee(Anatomy)
BT Joints(Anatomy)+
Legs+

Knife switches
use Electric switches

Knitted fabrics
BT Fabrics+

Knives
UF Pocket knives
BT Cutting tools+
Kitchen equipment and supplies
Small tools+
NT Bayonets

Knobs
use Control knobs

Knocking
Uneven combustion in an internal combustion engine.
BT Combustion+

Knowledge based systems
(1-SEP-1990)
A computer system whose usefulness derives primarily from a data base containing human knowledge in a computerized format; computer programs in which the domain knowledge is explicit and separate from the programs other knowledge.
RT Intelligence
BT Expert systems+

Knudsen gages
RT Knudsen number
BT Pressure gages+
Vacuum apparatus+

Knudsen number
RT Knudsen gages
BT Fluid mechanics+
Gas flow+

Kohn-Hulthen variational principle
use Operators(Mathematics)

Kojic acid
RT Fungicides
Insecticides
BT Organic acids+

Kolmofgoroff statistics
use Statistical analysis

Kolmogoroff's equation
use Probability

Korea
BT Far East+
NT North Korea
South Korea

Korean hemorrhagic fever virus
use Hantaan virus

Korean Strait
(1-NOV-1980)
The strait between Korea and Japan connecting the Sea of Japan and the East China Sea.
BT Straits+

Korean War
(1-OCT-1997)
BT Conventional warfare+

Kron's method
use Algebraic topology

KRS-5
use all Halides
Thallium compounds

Krypton
BT Rare gases+
NT Kryptonates

Krypton lamps
BT Discharge lamps+

Kryptonates
BT Krypton+
Labeled substances+

Ku band
BT K band+

Kummer functions
use Special functions(Mathematics)

Kuranishi's theory
use Algebraic topology

Kurile Islands
(1-SEP-1990)
A chain of small islands off the NE coast of Asia, extending from N. Japan to the S. tip of Kamchatka.
BT Pacific Ocean Islands+
Russia+

Kuwait
(1-OCT-1991)
BT Arabia+

Kwajalein Atoll
BT Atolls+
Marshall Islands+

Kyasanur forest disease virus
BT Group B arboviruses+

L

L band
390 to 1,550 mhz
BT Ultrahigh frequency+

Label tapes
use Labels

Labeled substances
UF Tracers(Labeled substances)
BT Tracer studies+
NT Kryptonates

Labels
UF Label tapes
Name plates
BT Markers

Labor
RT Labor markets
Labor unions
Manpower
NT Unskilled personnel

Labor markets
(1-SEP-1981)
The institution or process through which employment and wages are determined; the factors affecting the supply of and demand for labor; the area in which workers compete for jobs and employers compete for workers.
RT Labor
Labor unions

Labor unions
UF Trade unions
RT Labor
Labor markets
BT Industrial relations
Organizations

Laboratories
RT Laboratory animals
Laboratory equipment
Laboratory procedures
Observatories
BT Research facilities+
NT Aeronautical laboratories
Army research laboratories
Biological laboratories
Chemical laboratories
Chemical warfare laboratories
Clean rooms
Electronics laboratories
Flying laboratories
Materials laboratories
Mathematics laboratories
Medical laboratories+
Metallurgical laboratories
Naval research laboratories
Ordnance laboratories
Physics laboratories+
Psychological laboratories
Radiochemistry laboratories
Radiological laboratories
Rocket laboratories

Laboratory animals
UF Experimental animals
RT Laboratories
BT Animals
NT Germ free animals

Laboratory equipment
RT Laboratories
NT Centrifuges+
Chemical reactors
Chromatographs
Instrumentation+
Olfactometers
Pipettes

Laboratory furnaces
BT Furnaces+

Laboratory procedures
RT Laboratories
BT Methodology
NT Calibration
Colorimetry
Experimental data
In situ analysis
Laboratory tests
Pilot studies
Tracer studies+

Laboratory tests
BT Laboratory procedures+
Test methods+

Labrador
use Newfoundland(Province)

Labrador Current
(1-MAY-1983)
A current that flows southward from Baffin Bay, through the Davis Strait, and southwestward along the Labrador and Newfoundland coasts.
BT Ocean currents+

Labrador Sea
BT North Atlantic Ocean+

Labyrinth(Ear)
use Ear

Labyrinth seals
(1-JUN-1989)
Minimum leakage seals that offer resistance to fluid flow while providing radial or axial clearance; a labyrinth of circumferential knives or touch points provides for successive expansion of the fluid being piped.
BT Seals(Stoppers)

Lacquer removers
use all Lacquers
Paint removers

Lacquers
UFC Lacquer removers
BT Protective coatings+

Lacrimal glands
RT Eye
Tearing
BT Glands+

Lactases
use Glycoside hydrolases

Lactates
BT Esters+

Lactic acid
BT Carboxylic acids+

Lactic dehydrogenase
BT Dehydrogenases+
Isozymes+

Lactobacillaceae
BT Eubacteriales+
NT Diplococcus+
Lactobacillus+
Streptococcus+

Lactobacillus
BT Lactobacillaceae+
NT Lactobacillus acidophilus

Lactobacillus acidophilus
BT Lactobacillus+

Lactones
BT Ketones+
Oxygen heterocyclic compounds+
NT Coumarins
Propiolactones

Lactose
BT Disaccharides+

Lactose phosphates
use Saccharide phosphates

Lacunarity(Order of)
use Complex variables

Lading
use Cargo

Lagoons(Landforms)
RT Beaches
BT Landforms+

Lagrangian functions
BT Functions(Mathematics)+

Laguerre functions
BT Special functions(Mathematics)+

Lake Erie
BT Great Lakes+

Lake Huron
(1-DEC-1984)
One of the Great Lakes partly in Michigan and partly in Ontario, Canada.
BT Great Lakes+

Lake Michigan
(1-DEC-1984)
One of the Great Lakes between Michigan and Wisconsin.
BT Great Lakes+

Lake Ontario
(1-DEC-1984)
Smallest of the Great Lakes between New York and Ontario, Canada.
BT Great Lakes+

Lake Superior
BT Great Lakes+

Lake waves
RT Limnology
BT Water waves+

Lakes
RT Limnology
BT Geographic areas
Inland waterways+
Lakes (cont.)
NT Caspian Sea
Great Lakes+

Lamb shift
BT Line spectra+

Lambda particles
use V particles

Lambert series
use Series(Mathematics)

Laminar boundary layer
BT Boundary layer+

Laminar flow
RT Poiseuille flow
BT Fluid flow+

Laminated glass
UF Glass laminates
BT Glass+
Laminates+

Laminated plastics
UF Plastic laminates
BT Laminates+
Plastics+

Laminates
RT Delamination
BT Composite materials+
NT Epoxy laminates
Laminated glass
Laminated plastics
Plywood

Laminectomy
(1-MAY-1983)
Surgical removal of one or more laminates of the vertebrae, often including the spinous processes of the vertebrae.
RT Spinal column
BT Surgery+

Lampblack
use Carbon black

Lamps
BT Lighting equipment+
NT Discharge lamps+
Glow lamps
Headlamps
Incandescent lamps
Infrared lamps
Ultraviolet lamps

LAN
use Local area networks

Lanchester equations
BT Equations+
Tactical analysis

Lanczo's matrix iteration method
use Numerical methods and procedures

Land areas
BT Topography
NT Landforms+

Land combat
use Land warfare

Land ice
BT Ice

Land mine detectors
use all Land mines
Mine detectors

Land mine warfare
RT Land mines
BT Land warfare+
Mine warfare+

Land mines
UFC Land mine detectors
RT Land mine warfare
BT Mines(Ordnance)+
NT Antipersonnel mines
Antitank mines
Fougasse

Land transportation
RT Ground traffic
BT Transportation
NT Fording

Land use
BT Economics
NT Real estate

Land warfare
(1-NOV-1980)
A land region in a theater of operations where fighting takes place.
UF Land combat
BT Tactical warfare+
NT Land mine warfare
Tank warfare+
Urban warfare

Landfills
(1-OCT-1991)
Facilities for the burial of disposed waste.
RT Waste management
BT Waste disposal+

Landforms
RT Ridges
Terrain
Topography
BT Land areas+
NT Banks(Waterways)
Canyons+

Landforms (cont.)
Caves
Coastal regions+
Deltas+
Deserts
Dry lakes+
Dunes
Flood plains
Forests
Glaciers
Grasslands
Islands+
Jungles
Lagoons(Landforms)
Mountains+
Valleys+
Volcanoes+

Landing
Landing of aircraft or spacecraft on the earth or on celestial bodies. For landing of troops from naval vessels, see Amphibious operations.
NT Aircraft landings+
Lunar landings
Soft landings
Vertical landings

Landing aids
NT Arresting gear
Microwave landing systems
Radar landing control+

Landing craft
UF Assault barges
Landing ships
LSD(Vessels)
LST(Vessels)
RT Amphibious vehicles
BT Naval vessels(Combatant)+

Landing fields
UF Airfields
BT Terminal flight facilities+
NT Landing lights
Landing pads+
Runways+

Landing forces
RT Amphibious operations

Landing gear
Includes equipment for landing aircraft and spacecraft.
RT Aircraft tires
Landing gear doors
BT Airframes
NT Hydroskis
Nose wheels
Seaplane floats
Tail wheels

Landing gear doors
RT Landing gear
BT Aircraft doors+

Landing impact
BT Impact shock+
NT Cratering

Landing lights
BT Landing fields+
Lighting equipment+

Landing mats
RT Landing pads
BT Mats
Terminal flight facilities+

Landing pads
RT Landing mats
BT Landing fields+
NT Helipads

Landing ships
use Landing craft

Landslides
BT Earth movements+
Soil mechanics+

Langmuir Blodgett films
(1-JAN-1999)
RT Molecular electronics
Nonlinear optics
BT Monomolecular films+

Langmuir probes
BT Electrostatic probes+
Probes+

Language
RT Grammars
Speech
BT Linguistics+
NT English language
Foreign languages+
Natural language
Programming languages+
Vocabulary+
Words(Language)+

Language translation
NT Machine translation

Lanolin
use Ointments

Lanthanides
use Rare earth elements

Lanthanum
RT Lanthanum compounds
BT Rare earth elements+

Lanthanum compounds
RT Lanthanum
BT Rare earth compounds+
NT Lanthanum intermetallics

Lanthanum intermetallics
BT Intermetallic compounds+
Lanthanum compounds+

Laos
BT Southeast Asia+

Laplace transformation
BT Integral transforms+

Lapse rate
The decrease of an atmospheric variable with height; the variable being temperature, unless specified.
RT Temperature inversion
BT Atmospheric temperature+
Rates

Large intestine
use Intestines

Large scale integration
(1-SEP-1990)
The technology for concentrating several thousand semiconductor devices in a single integrated circuit.
UF LSI
BT Integrated circuits+

Larvae
RT Arthropoda
BT Metamorphosis
NT Cercariae

Larynx
RT Trachea
BT Throat+

Laser amplifiers
RT Laser cavities
BT Laser components+

Laser anemometers
(1-SEP-1981)
Anemometers in which the wind being measured passes through two perpendicular laser beams, and the resulting change in velocity of one or both beams is measured.
RT Laser velocimeters
BT Anemometers+

Laser applications
(1-SEP-1981)
Applications of lasers for special purposes, e.g., medical, industrial, etc.

Laser applications (cont.)
BT Lasers+
NT Laser induced fluorescence
Laser induced fusion
Laser medical diagnosis
Laser spectroscopy
Laser welding

Laser arrays
(1-OCT-1999)
BT Arrays
Lasers+

Laser beams
RT Laser guidance
BT Beams(Electromagnetic)+

Laser cavities
RT Laser amplifiers
BT Cavity resonators+

Laser communications
RT Laser modulators
BT Optical communications+

Laser components
(1-SEP-1981)
Components of a laser system.
BT Lasers+
NT Laser amplifiers
Laser mirrors

Laser countermeasures
RT Optical limiters
BT Optical countermeasures+

Laser damage
RT Burns(Injuries)
Laser hazards
BT Damage

Laser diodes
use Diode lasers

Laser gases
BT Gases+

Laser guidance
RT Laser beams
BT Guidance

Laser hardening
(1-OCT-1999)
BT Radiation hardening+

Laser hazards
RT Laser damage
BT Radiation hazards+

Laser induced fluorescence
BT Fluorescence+
Laser applications+
Laser target interactions+

Laser induced fusion
(1-SEP-1981)
Use of an intense beam of laser light to heat a small pellet of deuterium and tritium to a temperature of about 100,000,000 C as required for initiating a fusion reaction.
BT Controlled nuclear fusion+
Laser applications+

Laser materials
BT Optical materials+

Laser medical diagnosis
(1-DEC-1984)
Medical application of lasers for diagnostic procedures.
BT Diagnosis(Medicine)+
Laser applications+

Laser mirrors
(1-OCT-1991)
BT Laser components+
Optical equipment components+

Laser modulators
RT Laser communications
BT Modulators

Laser produced plasmas
(1-OCT-1998)
BT Plasmas(Physics)+

Laser pumping
BT Optical pumping+

Laser radiobiology
BT Radiobiology+

Laser safety
BT Safety

Laser spectroscopy
(1-APR-1999)
BT Laser applications+
Spectroscopy

Laser spots
BT Laser target designators+
NT Laser target interactions+

Laser target designators
RT Laser targets
BT Optical target designators+
NT Laser spots+

Laser target interactions
RT Laser targets
BT Interactions
Laser spots+
NT Laser induced fluorescence

Laser targets
(1-JUN-1989)
RT Laser target designators
Laser target interactions
Laser tracking
BT Targets

Laser tracking
RT Laser targets
BT Optical tracking+

Laser velocimeters
RT Laser anemometers
BT Velocimeters+

Laser weapons
BT Directed energy weapons+
Lasers+

Laser welding
BT Fusion welding+
Laser applications+

Lasers
RT Masers
BT Light amplifiers+
Light sources
NT Chemical lasers
Continuous wave lasers
Electrical lasers
Excimers+
Free electron lasers
Gas lasers+
High energy lasers
Infrared lasers+
Injection lasers
Laser applications+
Laser arrays
Laser components+
Laser weapons
Liquid lasers+
Mode locked lasers
Molecular lasers
Photorecombination lasers
Pulsed lasers
Ring lasers
Solid state lasers+
Spin flip lasers
Tunable lasers
Ultraviolet lasers
X ray lasers

Lassa fever
(1-JUN-1989)
A highly fatal, acute, febrile disease caused by an extremely virulent arenavirus, occurring in W. Africa.
RT Lassa fever virus
BT Fevers+
Virus diseases+

Lassa fever virus
(1-JUN-1989)
An extremely virulent arenavirus,

Lassa fever virus (cont.)
originally isolated in Lassa, Nigeria, in 1969, which causes an acute febrile disease with high fatality rates.
RT Lassa fever
BT Arenaviruses+

Latches
BT Locking fastener devices+

Latent heat
RT Phase transformations
BT Chemical properties+
Heat
NT Heat of fusion
Heat of sublimation
Heat of vaporization

Latent heat of fusion
use Heat of fusion

Laterites
RT Tropical regions
BT Soils

Latex
RT Butyl rubber
BT Rubber+

Lathe tools
RT Lathes
BT Tools

Lathes
RT Lathe tools
BT Machine tools+

Latin America
RT Hispanics
BT Geographic areas
NT Central America+
South America+
West Indies+

Latin squares
use Combinatorial analysis

Latitude
RT Longitude
BT Grids(Coordinates)+
NT High latitudes

Latrines
use Toilet facilities

Lattice dynamics
RT Crystal lattices
BT Dynamics+

Lattice sums
use Algebra

Lattices(Mathematics)
use Algebra

Latvia
(1-DEC-1984)
Country in northern Europe.
BT Baltic countries+

Launch tubes
RT Tube launched
BT Launchers

Launch vehicles
Assemblies of one or more stages designed to launch an aerospace payload. Launch vehicles have the capability of overcoming the initial inertia involved in separation of the vehicle from its launching site.
UF Booster vehicles
RT Launchers
NT Winged launch vehicles

Launchers
RT Launch vehicles
Launching
Launching sites
NT Catapults
Grenade launchers+
Guided missile launchers+
Gun launchers
Launch tubes
Rocket launchers+
Torpedo launchers

Launching
UFC Balloon launchers
RT Launchers
Takeoff
NT Air launched
Gun launched
Multilaunching
Rocket launching
Sea launched
Ship launched+
Space launched
Surface launched
Tube launched

Launching sites
Locations and characteristics of launching complexes for guided missiles.
RT Launchers
BT Sites

Laundry operations
RT Washers(Cleaners)
BT Cleaning

Laurates
BT Esters+
NT Aluminum laurate

Laurent series
use all Complex variables
Series(Mathematics)

Lava
(1-SEP-1990)
Molten extrusive material that reaches the earth's surface through volcanic vents and fissures. The rock mass formed by consolidation of molten rock issuing from volcanic vents and fissures.
RT Volcanoes
BT Igneous rock+

Laval nozzles
UF Delaval nozzles
BT Nozzles

Law enforcement
RT Law enforcement officers
BT Criminal justice system
NT Military tribunals
Punishment+
Riot control+

Law enforcement officers
RT Law enforcement
BT Personnel
NT Police+

Lawrencium
RT Lawrencium compounds
BT Actinide series+
Transuranium elements+

Lawrencium compounds
RT Lawrencium
BT Transuranium compounds+

Laxatives
use Cathartics

Layers
NT Boundary layer+
Stratification

Leaching
BT Extraction+

Lead
use Lead(Metal)

Lead(Metal)
UF Lead
UFC Lead catalysts
RT Lead alloys
Lead compounds
BT Heavy metals+

Lead acid batteries
BT Storage batteries+

Lead alloys
UF Plumbides
RT Lead(Metal)
Lead compounds
BT Alloys

Lead angle
BT Target angle+

Lead azides
BT Azides+
High explosives+
Lead compounds+

Lead catalysts
use all Catalysts
Lead(Metal)

Lead compounds
RT Lead(Metal)
Lead alloys
BT Group IV compounds+
Heavy element compounds+
NT Lead azides
Lead oxides+
Lead sulfides
Lead tin tellurides
Lead titanates+

Lead dioxide
BT Dioxides+
Lead oxides+

Lead oxides
BT Lead compounds+
Oxides+
NT Lead dioxide

Lead sulfides
BT Lead compounds+
Sulfides+

Lead time
BT Scheduling+
Time intervals+

Lead tin tellurides
BT Lead compounds+
Tellurides+
Tin compounds+

Lead titanates
RT Paints
BT Lead compounds+
Titanates+
NT Lead zirconate titanates

Lead wires
BT Wire

Lead zirconate titanates
(1-APR-1999)
BT Lead titanates+
Zirconates+

Leadership
RT Leadership training

Leadership training
RT Leadership
BT Training+

Leading edge flaps
RT Leading edges
BT Flaps(Control surfaces)+

Leading edge inlets
use Wing inlets

Leading edges
RT Leading edge flaps
Wing inlets
BT Edges

Leaf springs
(1-OCT-1991)
RT Torsion bars
BT Springs+
Suspension devices+

Leaflet bombs
BT Bombs+

Leak detectors
BT Gas detectors+

Leakage(Electrical)
BT Electrical properties+

Leakage(Fluid)
BT Fluid mechanics+

Learning
RT Achievement tests
Education
Lessons learned
BT Psychology+
NT Aptitudes
Conditioning(Learning)
Habituation learning
Intelligence(Humans)
Learning curves
Memory(Psychology)+
Problem solving+
Skills
Transfer of training

Learning curves
BT Learning+

Learning machines
RT Computer aided instruction
BT Adaptive systems

Leasing
UF Renting
RT Contracts
NT Rental equipment

Least squares method
RT Correlation
Curve fitting
BT Maximum likelihood estimation+
Numerical analysis+
Regression analysis+

Leather
RT Tanning
BT Organic materials+
NT Artificial leather

Lebanon
BT Middle East+
Southwest Asia+

Lecithin
BT Cholines+
Phospholipids+

Lecithoproteins
use Proteins(Conjugated)

Lectures
BT Workshops+

LED(Diodes)
use Light emitting diodes

Ledermann theorem
use Matrices(Mathematics)

Leeches
use Annelida

Legal defense
BT Litigation

Legendre functions
RT Spherical harmonics
BT Special functions(Mathematics)+

Legibility
(1-JUN-1989)
The state or quality of being legible, i.e., capable of being read or deciphered, distinct to the eye.
UF Readibility
RT Character recognition
BT Contrast+

Legionella pneumophila
(1-NOV-1980)
A small gram-negative bacillus that is the causative organism of legionnaires disease.
RT Legionnaires disease
BT Bacillus+

Legionnaires disease
(1-NOV-1980)
An acute lobar pneumonia often producing renal, intestinal, neurologic and hepatic symptoms

Legionnaires disease (cont.)
due to legionnaires bacillus first recognized in an outbreak at a convention of the American Legion in July 1976.
RT Legionella pneumophila
BT Lobar pneumonia+

Legislation
RT Congress
NT Administrative law
Commercial law
Environmental law
Federal law
Infringement
Military law
Regulations
State law

Legs
UFC Ankle
Femur
RT Fibula
Tibia
BT Extremities+
NT Knee(Anatomy)

Legs(Supports)
use Supports

Leishmania
RT Leishmaniasis
BT Zoomastigina+

Leishmaniasis
RT Leishmania
BT Parasitic diseases+

Length
RT Long range(Distance)
BT Sizes(Dimensions)+

Lens(Eye)
BT Eye+

Lens antennas
BT Microwave antennas+
NT Luneberg lens antennas

Lenses
NT Acoustic lenses
Aspherical lenses
Electron lenses
Fresnel lenses
Ice lenses
Liquid lenses
Luneberg lenses
Optical lenses+
Plastic lenses
Radiofrequency lenses

Leontief matrix
use Matrices(Mathematics)

Lepidoptera
UF Bombycidae
Butterflies
Moths
Silkworms
RT Mothproofing
BT Insects+

Leporidae
use Rabbits

Leptons
UF Light fermions
BT Fermions+
NT Beta particles
Muons
Neutrinos
Positrons

Leptospira
BT Treponemataceae+
NT Leptospira icterohaemorrhagiae

Leptospira icterohaemorrhagiae
RT Leptospirosis
BT Leptospira+

Leptospirosis
RT Leptospira icterohaemorrhagiae
BT Bacterial diseases+

Leroux integration
use Integration

Lesions
RT Ulcers
BT Wounds and injuries

Lesser Antilles
BT West Indies+
NT Barbados
Grenada
Trinidad
Virgin Islands

Lessons learned
(1-JUN-1989)
Something learned by study or experience.
RT Learning
Military tactics

Lethal agents
BT Chemical agents
Lethality+

Lethal dosage
BT Dosage
Lethality+

Lethality
RT Toxic agents
BT Toxicity
NT Lethal agents
Lethal dosage

Lettuce
(1-MAY-1983)
A plant of the genus lactuca; a common garden vegetable.
BT Vegetables+

Leucine
BT Amino acids+

Leukemia
RT Leukocytes
BT Blood diseases+

Leukocytes
UF White blood cells
RT Leukemia
Leukopenia
BT Blood cells+
NT Eosinophils
Granulocytes+
Lymphocytes+
Monocytes

Leukopenia
RT Leukocytes
BT Blood diseases+

Leurocristin

Levarterenol
use Norepinephrine

Levees
RT Banks(Waterways)
Revetments
BT Embankments+
Flood control+

Level(Quantity)
NT Low level+
Power levels

Level flight
BT Flight

Level indicators
use Horizontal indicators

Leveling
RT Levels(Instruments)
BT Attitude(Inclination)+

Levels(Instruments)
RT Leveling
BT Measuring instruments+

Levodopa
BT Alanines+
Parasympatholytic agents+

Levulinic acids
BT Carboxylic acids+

Lewisite
BT Vesicants+

Lewisite injuries
use Chemical warfare injuries

Lexicography
BT Information sciences+

Liberia
(1-NOV-1980)
A republic in western Africa; founded by freed slaves in 1822; capital is Monrovia.
BT West Africa+

Librarians
(1-JUL-1998)
RT Libraries
BT Personnel

Libraries
RT Books
Librarians
BT Information centers
Information sciences+

Library science
BT Information sciences+

Libya
BT Middle East+
North Africa+

Lice
UF Anoplura
Mallophaga
BT Insects+

Lichens
BT Algae+
Fungi+

Lie detectors
UF Keeler polygraph
BT Detectors

Lie groups
BT Differential geometry+

Lie rings
use Algebra

Liebman method
use Partial differential equations

Lienard equation
use Nonlinear differential equations

Life(Biology)
BT Life sciences
NT Death+

Life buoys
use Life preservers

Life cycle costs
RT Life cycle management
BT Costs+

Life cycle management
(1-OCT-1992)
RT Life cycle costs
Life cycle testing
Life cycles
BT Resource management+

Life cycle testing
RT Life cycle management
Life cycles
BT Test methods+

Life cycles
RT Diapause
Life cycle management
Life cycle testing
BT Cycles

Life expectancy(Physiology)
use Life span(Biology)

Life expectancy(Service life)
BT Reliability
NT Aging(Materials)
Life tests
Long life
Obsolescence
Shelf life

Life jackets
BT Life preservers+

Life preservers
UF Life buoys
BT Marine safety equipment+
Sea rescue equipment+
Survival equipment+
NT Life jackets

Life rafts
UFC Pneumatic life rafts
RT Floats
Lifeboats
BT Marine safety equipment+
Ship auxiliary equipment+
Survival equipment+

Life saving
RT Survival equipment
BT Rescues

Life sciences
NT Biology+
Life(Biology)+
Medicine+

Life span(Biology)
UF Life expectancy(Physiology)
RT Aging(Physiology)
Death

Life support systems
Protection and sustenance for living organisms in extreme environments such as outer space.
RT Survival equipment
NT Breathing apparatus+
Closed ecological systems
Underwater life support systems

Life tests
BT Life expectancy(Service life)+
Test methods+

Lifeboats
RT Life rafts
BT Boats
Marine safety equipment+
Sea rescue equipment+
Ship auxiliary equipment+

Lift
RT Lift fans
BT Aerodynamic forces+
NT Aerodynamic lift+
High lift
Lift to drag ratio
Powered lift

Lift fans
UF Fanlift devices
RT Lift
BT Fans+

Lift to drag ratio
BT Drag
Lift+
Ratios

Lifting bodies
RT Lifting surfaces
BT Aerospace craft+
NT Lifting reentry vehicles

Lifting machinery
use Hoists

Lifting reentry vehicles
BT Lifting bodies+
Maneuverable reentry vehicles+

Lifting surfaces
RT Lifting bodies
BT Surfaces

Ligaments
RT Joints(Anatomy)
BT Connective tissue+
Musculoskeletal system+

Ligands
BT Chemical bonds+

Ligatures
RT Sutures
BT Surgical supplies+

Light
RT Candles
Darkness
Light sources
Photons
BT Electromagnetic radiation+
Optical phenomena+
NT Airglow
Cerenkov radiation
Daylight+
Earthshine
Light pulses+
Low light levels+
Monochromatic light
Underwater light
White light
Zodiacal light+

Light adaptation
use all Adaptation(Physiology)
Vision

Light amplifiers
(1-OCT-1994)
RT Image intensifiers(Electronics)
BT Amplifiers
Optical equipment
NT Lasers+

Light emitting diodes
UF LED(Diodes)
RT Solid state lasers
BT Semiconductor diodes+

Light fermions
use Leptons

Light gas guns
RT Hypervelocity guns
BT Gas guns+

Light globes
use Lighting equipment

Light homing
UF Optical homing
BT Homing+

Light modulators
BT Modulators
NT Kerr cells
Pockels cells

Light pens
BT Input output devices+

Light pipes
use Fiber optics

Light pulses
BT Electromagnetic pulses+
Light+
NT Light transmission+
Photon bombardment

Light scattering
BT Electromagnetic scattering+

Light sources
RT Light
Sources
NT Candles
Lasers+
Lighting equipment+
Stroboscopes

Light transmission
BT Electromagnetic wave propagation+
Light pulses+
Optical properties+
NT Dichroism
Rayleigh scattering

Light water reactors
BT Nuclear reactors
NT Pressurized water reactors

Lighters(Boats)
BT Boats

Lighthouses
RT Lightships
BT Navigational lights+

Lighting equipment
UF Light globes
Lights(Illumination)
Spotlights
BT Light sources
NT Flashlights
Floodlights
Identification lights
Indicator lights
Lamps+
Landing lights
Photographic lighting systems+
Searchlights+
Underwater lights

Lightning
RT Lightning protection
Thunderstorms
BT Atmospheric electricity+
Electric discharges+

Lightning arresters
BT Lightning protection+

Lightning protection
(1-JUN-1989)
Means, such as lightning rods and lightning arresters, of protecting electrical systems, buildings, aircraft, spacecraft, and other property and systems from lightning.
RT Lightning
BT Protection
NT Lightning arresters

Lights(Illumination)
use Lighting equipment

Lights(Markers)
use Marker lights

Lights(Signals)
use Signal lights

Lightships
RT Lighthouses
BT Navigational aids+
Ships

Lightweight
BT Weight

Lignin
RT Cellulose
BT Wood

Ligurian Sea
BT Mediterranean Sea+

Limbs
use Extremities

Lime
use Calcium oxides

Limestone
BT Sedimentary rock+

Limit cycles
use Differential equations

Limitations
RT Boundaries
Restraint

Limited warfare
(1-NOV-1980)
Military operations restricted to a particular geographical area or designed to deny enemy access to a particular area.
BT Warfare
NT Low intensity conflict

Limiter circuits
RT Limiters
BT Circuits+
NT Clipper circuits

Limiters
RT Limiter circuits
NT Current limiters

Limnology
RT Lake waves
Lakes
BT Earth sciences+
NT Water distribution

Limpet weapons
BT Weapons+

Line bundles
use Algebraic topology

Line charges(Flexible)
use Detonating cord

Line of fire
BT Gunnery

Line of sight

Line scanning
BT Scanning

Line spectra
RT Spectral lines
Stark effect
BT Electromagnetic spectra+
NT Hyperfine structure
Lamb shift

Line throwing equipment
BT Marine safety equipment+
Rescue equipment

Linear accelerators
BT Particle accelerators

Linear algebra
RT Linear algebraic equations
BT Algebra+
NT Tensors
Vector spaces+

Linear algebraic equations
RT Linear algebra
Nonlinear algebraic equations
BT Field theory+

Linear arrays
BT Arrays

Linear differential equations
RT Nonlinear differential equations
BT Differential equations+
NT Riccati equation

Linear filtering
BT Mathematical filters+
NT Kalman filtering

Linear polarization
BT Polarization+

Linear programming
A computational technique for determining the maximum of a linear function subject to certain linear types of inequalities.
BT Mathematical programming+
NT Simplex method

Linear regression analysis
BT Regression analysis+

Linear systems
RT Linearity
Nonlinear systems

Linearity
RT Linear systems

Linen
BT Textiles

Lines(Geometry)
RT Geometry
BT Geometric forms
NT Base lines
Curves(Geometry)+

Linguistics
UF Philology
BT Humanities
NT Computational linguistics+
Grammars+
Language+
Psycholinguistics
Speech+
Syntax

Linings
RT Insulation
NT Cavity liners
Combustion chamber liners
Tank liners

Link chutes
BT Gun components+

Link trainers
use Flight simulators

Linkages
NT Ammunition belt links

Linkless ammunition
BT Ammunition+

Links(Ammunition belt)
use Ammunition belt links

Linnik's lemma
use Real variables

Linoleic acid
BT Fatty acids+
Vitamins

Linolenic acid
BT Fatty acids+

Linoleum
use Floor coverings

Linters
BT Fibers

Liouville equation
BT Equations+

Lipid metabolism
RT Lipids
Lipoatrophy
BT Metabolism+

Lipids
UF Body fats
RT Lipid metabolism
Lipophilia
Liposomes
NT Cholesterol
Fats+
Glycolipids
Phospholipids+

Lipiodol
use Contrast media(Medicine)

Lipoatrophy
(1-NOV-1980)
The wasting away of body fat tissues.
RT Lipid metabolism
BT Atrophy+

Lipoic acid
BT Fatty acids+
Sulfur heterocyclic compounds+

Lipophilia
RT Lipids

Lipopolysaccharides
BT Polysaccharides+

Lipoproteins
BT Proteins(Conjugated)+

Liposomes
(1-JUN-1989)
Spherical particles in an aqueous medium, formed by a lipid bilayer enclosing an aqueous compartment.
RT Lipids

Liquefaction
(1-MAY-1983)
A change in the phase of a

Liquefaction (cont.)
substance to the liquid state; usually, a change from the gaseous to the liquid state; especially of a substance which is a gas at normal pressure and temperature.
UF Liquefying
RT Condensers(Liquefiers)
Liquid phases
BT Phase transformations+

Liquefied air
use all Air
Liquefied gases

Liquefied gases
UFC Liquefied air
RT Cryogenics
BT Gases+
Liquids+
NT Liquefied natural gas
Liquid ammonia
Liquid helium
Liquid hydrogen
Liquid nitrogen
Liquid oxygen
Liquid propane

Liquefied natural gas
BT Liquefied gases+
Natural gas+

Liquefying
use Liquefaction

Liquid ammonia
BT Ammonia+
Liquefied gases+

Liquid chromatography
BT Chromatography+

Liquid cooling
RT Liquid metal coolants
BT Cooling
NT Water cooling

Liquid crystal display systems
RT Liquid crystals
BT Display systems

Liquid crystal polymers
(1-JUL-00)
BT Liquid crystals+
Polymers+

Liquid crystals
RT Liquid crystal display systems
BT Crystals+
NT Liquid crystal polymers

Liquid explosives
BT Explosives

Liquid filled coaxial cables
BT Coaxial cables+

Liquid filled projectiles
BT Projectiles+

Liquid filters
BT Fluid filters+
NT Hydraulic fluid filters
Oil filters
Water filters

Liquid gun propellants
RT Liquid propellant guns
BT Gun propellants+

Liquid helium
BT Helium+
Liquefied gases+

Liquid hydrogen
BT Hydrogen+
Liquefied gases+

Liquid immersion tests
BT Environmental tests+
Immersion

Liquid jets
BT Hydraulic jets
NT Water jets

Liquid lasers
BT Lasers+
NT Dye lasers

Liquid lenses
BT Lenses

Liquid level control
UFC Fuel level control
RT Liquid level gages

Liquid level gages
RT Liquid level control
BT Gages+

Liquid metal coolants
RT Liquid cooling
Liquid metal cooled reactors
BT Coolants+
Liquid metals+

Liquid metal cooled reactors
RT Liquid metal coolants
BT Nuclear reactors
NT Sodium graphite reactors

Liquid metal pumps
RT Liquid metals
BT Pumps

Liquid metal valves
RT Liquid metals
BT Valves

Liquid metals
UF Metals(Liquid)
RT Liquid metal pumps
Liquid metal valves
BT Liquids+
Metals+
NT Liquid metal coolants

Liquid nitrogen
BT Liquefied gases+
Nitrogen+

Liquid oxygen
UF LOX(Oxygen)
BT Liquefied gases+
Oxygen+

Liquid phase epitaxy
(1-APR-00)
BT Epitaxial growth+
Liquid phases+

Liquid phases
RT Liquefaction
Liquids
BT Phase
NT Liquid phase epitaxy

Liquid propane
BT Liquefied gases+
Propane+

Liquid propellant guns
(1-OCT-1991)
RT Liquid gun propellants
BT Guns+

Liquid propellant rocket engines
RT Liquid rocket propellants
BT Rocket engines+
NT Cryogenic engines

Liquid propellants
UFC Propellant sloshing
BT Propellants
NT Bipropellants
Liquid rocket propellants+
Monopropellants+

Liquid rocket fuels
BT Liquid rocket propellants+
Rocket fuels+
NT Hydrazines+

Liquid rocket oxidizers
BT Liquid rocket propellants+
Oxidizers

Liquid rocket propellants
RT Liquid propellant rocket engines
BT Liquid propellants+
Rocket propellants+
NT Cryogenic propellants
Liquid rocket fuels+
Liquid rocket oxidizers

Liquid rocket propellants (cont.)
Storable rocket propellants
Thixotropic rocket propellants

Liquid wastes
RT Sewage
BT Wastes
NT Effluents
Oil wastes
Waste water

Liquids
RT Drops
Gases
Liquid phases
Solids
BT Fluids
NT Conductive liquids
Corrosive liquids
Hydraulic fluids+
Liquefied gases+
Liquid metals+
Supernatant liquors
Water+

Listening torpedoes
use Acoustic torpedoes

Listeria
BT Corynebacteriaceae+
NT Listeria monocytogenes

Listeria monocytogenes
BT Listeria+

Literacy
BT Education+

Literature surveys
RT Bibliographies
BT Documents

Lithium
RT Lithium alloys
Lithium compounds
BT Alkali metals+

Lithium alloys
RT Lithium
Lithium compounds
BT Alkali metal alloys+

Lithium batteries
(1-OCT-1992)
A solid state battery with a lithium anode, an iodine-polyvinyl pyridine cathode and an electrolyte consisting of a layer of lithium iodide used in cardiac pacemakers.
BT Alkaline batteries+
Electric batteries

Lithium chloride
BT Chlorides+
Lithium compounds+

Lithium chlorine cells
BT Cells
Dry batteries+

Lithium compounds
RT Lithium
Lithium alloys
BT Alkali metal compounds+
NT Lithium chloride
Lithium fluorides
Lithium hydride
Lithium niobates
Lithium perchlorate
Lithium tantalates

Lithium fluorides
BT Fluorides+
Lithium compounds+

Lithium hydride
BT Hydrides+
Lithium compounds+

Lithium niobates
(1-NOV-1980)
BT Lithium compounds+
Niobates+

Lithium perchlorate
BT Lithium compounds+
Perchlorates+

Lithium tantalates
BT Lithium compounds+
Tantalates+

Lithography
RT Printing
BT Reproduction(Copying)+
NT Electron beam lithography
Microcontact printing
Offset printing
Photolithography
Stereolithography
X ray lithography

Lithology
RT Lithosphere
Regolith
BT Geology+

Lithopedion
use Fetus

Lithosphere
RT Lithology
BT Earth crust+
NT Regolith

Lithuania
(1-OCT-1991)
BT Baltic countries+

Litigation
RT Attorneys
Criminal justice system
NT Legal defense

Littoral drift
RT Beaches
Littoral zones

Littoral zones
RT Littoral drift
BT Benthonic zones+

Live vaccines
BT Vaccines+

Liver
UFC Liver extract
RT Liver diseases
Liver function tests
BT Gastrointestinal system+
Organs(Anatomy)+

Liver diseases
RT Liver
BT Diseases
NT Cirrhosis
Hepatitis+

Liver extract
use all Liver
Tissue extracts

Liver function tests
RT Liver
BT Diagnosis(Medicine)+
Test methods+

Livestock
UF Farm animals
RT Farms
BT Domestic animals+
NT Bovines
Goats
Poultry+
Sheep
Swine

Living standards
RT Economic impact
BT Standards

Lizards
use Reptiles

Load cells
RT Strain gages
BT Cells
Measuring instruments+

Load control
RT Load distribution
BT Control

Load distribution
RT Ballast
Center of gravity
Load control
BT Distribution

Loaders
RT Loading(Handling)
BT Materials handling vehicles+

Loading(Electronics)
BT Electrical properties+
NT Electrical loads+

Loading(Handling)
RT Loaders
BT Handling
NT Unloading

Loading(Ordnance projectors)
Readying projectors for firing. For stresses applied to structural members, see Loads(forces). For movement of cargo or material, for storage or transportation, see Handling.
UF Ram rods
Rammers
RT Projectors(Ordnance)

Loads(Forces)
NT Axial loads
Dynamic loads+
Flight loads
Impact loads+
Overload
Static loads

Loams
BT Soils

Lobar pneumonia
(1-NOV-1980)
Pneumonia involving one or more lobes of the lung, usually pneumonococcal pneumonia, characterized by abrupt onset with chill, fever, pleuritis pain, cough and dyspnea.
BT Pneumonia+
NT Legionnaires disease

Lobing
use Antenna lobes

Lobster
BT Decapoda+

Local anesthetics
UF Novocaine
Procaine

Local anesthetics (cont.)
BT Anesthetics+

Local area networks
(1-SEP-1990)
Communications networks that allow computers, terminals, and other data processing resources (usually within the same area or location) to be interconnected in order to be shared.
UF LAN
RT Wide area networks
BT Communications networks+
Computer networks+
NT Intranet

Local government
(1-SEP-1981)
The government of a specific local area (such as a city, county or town) constituting a subdivision of a nation, state, or other major political unit.
BT State government+

Local oscillators
BT Radiofrequency oscillators+

Locators
RT Detectors
NT Ordnance locators+
Underwater object locators

Lock bolts
use Locking fastener devices

Lock nuts
use Locking fastener devices

Locking(Electronics)

Locking(Mechanics)
RT Locking fastener devices

Locking fastener devices
UF Lock bolts
Lock nuts
Self-locking fasteners
UFC Self-locking nuts
RT Locking(Mechanics)
BT Fastenings
NT Detents
Latches
Rivets

Locks(Waterways)
RT Dams
BT Hydraulic gates+
Waterways+

Locomotion
RT Exercise(Physiology)
NT Skiing
Walking

Locomotives
RT Railroads
BT Towing vehicles+

Locus
BT Analytic geometry+

Loess
(1-OCT-1992)
Widespread, homogeneous, porous fine grained blanket deposits consisting primarily of silt. Essentially unconsolidated, unstratified, calcareous silt.
BT Soils

Log periodic antennas
BT Broadband antennas+
Log periodic structure

Log periodic structure
NT Log periodic antennas

Logarithm functions
BT Special functions(Mathematics)+

Logarithmic amplifiers
BT Amplifiers

Logic
RT Logic devices
NT Computer logic+
Mathematical logic+

Logic(Mathematics)
use Mathematical logic

Logic circuits
UF Logic networks
BT Gates(Circuits)+
Logic devices
NT Diode transistor logic
Fan out circuits
Flip flop circuits
Matrices(Circuits)
Nand gates
Nor gates
Order circuits
Switching logic
Transistor transistor logic

Logic devices
RT Logic
NT Logic circuits+
Logic elements

Logic elements
BT Logic devices

Logic networks
use Logic circuits

Logistics
RT Deployment
Maintenance

Logistics (cont.)
Materiel
NT Air Force equipment
Army equipment
Logistics management+
Logistics support+
Military procurement+
Naval logistics+
Replacement+
Spare parts
Storage+
Strategic materials
Supplies+
Supply depots

Logistics management
BT Logistics
Management
NT Cannibalization
Logistics planning+
Shortages

Logistics planning
BT Logistics management+
Planning
NT Prepositioning(Logistics)

Logistics support
BT Logistics
NT Air logistics support

Logs(Velocity meters)
BT Velocimeters+

Loitering
(1-OCT-1991)
That part of a military mission spent waiting either on-site or in-route apart from any operational activity.
BT Military operations

Long Island Sound
BT Sounds(Waterways)+

Long life
BT Life expectancy(Service life)+

Long path infrared equipment
BT Infrared equipment+

Long range(Distance)
RT Length
BT Range(Distance)
Range(Extremes)

Long range(Time)
BT Range(Extremes)
Time

Long range navigation
use LORAN

Long wavelengths
RT Short wavelengths
BT Frequency

Longitude
RT Latitude
BT Grids(Coordinates)+

Look through jamming
BT Jamming+

Loop antennas
BT Directional antennas+

Loops

LORAN
UF Long range navigation
UFC LORAN charts
LORAN receivers
LORAN stations
LORAN transmitters
RT Air navigation
BT Hyperbolic navigation+

LORAN charts
use all LORAN
Navigation charts

LORAN receivers
use all LORAN
Radio receivers

LORAN stations
use all LORAN
Radio stations

LORAN transmitters
use all LORAN
Radio transmitters

Lorentz force
BT Electromagnetic properties+
Polarization+

Lorentz group
use Groups(Mathematics)

Los Angeles(California)
BT California+
Urban areas+

Losses
RT Gain
NT Attenuation+
Bottom loss
Heat loss
Insertion loss
Low loss

Lotosky methods
use Series(Mathematics)

Loudness
RT Quiet
BT Intensity

Loudspeakers
RT Microphones
Public address systems
BT Communication equipment

Louisiana
BT United States+

Louping ill virus
BT Group B arboviruses+

Love waves
(1-SEP-1990)
Horizontal dispersive surface waves multireflected between internal boundaries of an elastic body, applied chiefly in the study of seismic waves in the earth's crust.
BT Surface waves+

Low alloy steels
BT Steel+

Low altitude
RT Low elevation
BT Altitude

Low altitude bombing
BT Bombing+

Low angles
BT Angles
NT Grazing
Grazing angles

Low bypass turbofans
BT Turbofan engines+

Low costs
BT Costs+

Low density
BT Density+

Low drag
RT Low drag airfoils
BT Drag

Low drag airfoils
RT Low drag
BT Airfoils

Low elevation
RT Low altitude
BT Elevation+

Low energy
BT Energy

Low frequencies
RT Low frequency
BT Frequency
NT Infrasonic radiation+

Low frequency
30 to 300 kHz.
RT Low frequencies
BT Radiofrequency+

Low humidity
BT Humidity+

Low intensity
BT Intensity

Low intensity conflict
(1-SEP-1990)
A limited political-military struggle to achieve political, military, social, economic, or psychological objectives. It is often protracted and ranges from diplomatic, economic, and psychosocial pressures through terrorism and insurgency.
BT Limited warfare+

Low lead fuels
BT Fuels

Low level
BT Level(Quantity)
NT Low light levels+

Low light levels
BT Light+
Low level+
NT Moonlight
Starlight+
Twilight

Low loss
BT Losses

Low noise
RT Low noise amplifiers
BT Noise

Low noise amplifiers
RT Low noise
BT Amplifiers

Low orbit trajectories
Trajectories at altitudes less than 12,000 miles.
BT Orbits+

Low pass filters
BT Bandpass filters+

Low power
BT Power

Low pressure
BT Pressure
NT Hypobaric conditions+

Low rate
BT Rates

Low resolution
BT Resolution

Low strength
BT Strength(General)

Low temperature
Below ambient, but above 100 K - the maximum for the cryogenic range.
BT Temperature

Low temperature alloys
BT Alloys

Low temperature batteries
BT Electric batteries

Low temperature lubricants
BT Lubricants

Low velocity
BT Velocity+

Low virulence
BT Virulence

Low voltage
BT Voltage+

LOX(Oxygen)
use Liquid oxygen

Lp spaces
use Functional analysis

LSD
use Lysergic acids

LSD(Vessels)
use Landing craft

LSI
use Large scale integration

LST(Vessels)
use Landing craft

Lubricant additives
UF Lubricating oil additives
BT Additives
Lubricants

Lubricant pumps
BT Pumps

Lubricants
RT Friction
Lubrication
NT Antiseize compounds
Cutting fluids
Graphited materials
Greases+
Low temperature lubricants
Lubricant additives
Lubricating films
Lubricating oils+
Solid lubricants+

Lubricating films
RT Solid film lubricants
BT Lubricants

Lubricating oil additives
use Lubricant additives

Lubricating oils
BT Lubricants
Oils
NT Aircraft engine oils

Lubrication
RT Friction
Lubricants
Tribology
NT Self lubrication

Luciferase
(1-NOV-1980)
An enzyme present in certain luminous bacteria, worms, insects, etc., that act to bring about the oxidation of luciferin.
BT Enzymes

Lucite
use Polymethyl methacrylate

Luggage
use Bags

Lugs
UFC Suspension lugs
BT Fastenings

Lumber
BT Wood

Luminance
RT Luminescence
BT Optical properties+

Luminescence
RT Luminance
Luminosity
BT Optical phenomena+
NT Bioluminescence
Cathodoluminescence
Chemiluminescence
Electroluminescence
Fluorescence+

Luminescence (cont.)
Incandescence
Phosphorescence
Photoluminescence
Radioluminescence
Thermal luminescence
Thermoluminescence
X ray luminescence

Luminescent dosimeters
BT Dosimeters+

Luminosity
RT Luminescence
BT Optical properties+

Lunar bases
BT Extraterrestrial bases

Lunar craft
Manned spacecraft capable of soft landings on the moon. For unmanned instrument packages, see Lunar probes.
BT Spacecraft

Lunar crust
(1-MAY-1983)
The outer layer of the moon.
RT Lunar geology
Moon

Lunar eclipses
BT Eclipses+

Lunar environments
The conditions present on the surface of the moon.
BT Space environments+

Lunar exploration
RT Lunar probes
Lunar surface vehicles
Moon
BT Space exploration
NT Lunar landings

Lunar geology
RT Lunar crust
Lunar topography
BT Astrogeology+

Lunar landings
(1-DEC-1984)
BT Landing
Lunar exploration+

Lunar probes
RT Lunar exploration
Moon
BT Space probes+

Lunar satellites
Satellites under the control of the moon's gravitational field.

Lunar satellites (cont.)
BT Artificial satellites+

Lunar surface vehicles
RT Lunar exploration
BT Planetary surface vehicles+

Lunar topography
RT Lunar geology
BT Extraterrestrial topography+

Lunar trajectories
BT Spacecraft trajectories+

Luneberg lens antennas
RT Luneberg lenses
BT Lens antennas+

Luneberg lenses
RT Luneberg lens antennas
BT Lenses

Lung
UFC Heart-lung machine
Pneumoconiosec
Pulmonary embolism
RT Pulmonary function
Respiratory diseases
BT Organs(Anatomy)+
Respiratory system+
NT Alveoli

Lung cancer
(1-JUL-00)
BT Cancer+

Lung function tests
RT Pulmonary function
BT Diagnosis(Medicine)+
NT Spirometry

Lupus erythematosus
(1-MAY-1983)
A disease of unknown causation and variable manifestation, ranging from a skin disorder (discoid lupus erythematosus) to a generalized disorder involving the skin and viscera (systematic lupus erythematosus).
BT Skin diseases+

Lusin points
use Complex variables

Lusin theorem
use Complex variables

Lutetium
RT Lutetium compounds
BT Rare earth elements+

Lutetium compounds
RT Lutetium
BT Rare earth compounds+

Luxembourg
(1-OCT-1991)
BT European communities+
Western Europe+

Luxemburg effect
BT Ionospheric propagation+

Lyapunov functions
BT Functions(Mathematics)+
Nonlinear differential equations+

Lyases
UF Hydrases
BT Enzymes
NT Aldehyde lyases
Carbon carbon lyases
Carbon oxygen lyases+
Ketoacid lyases

Lycopene
use Carotenoids

Lymph
RT Lymphatic system
Lymphocytes
BT Body fluids+

Lymph nodes
BT Lymphatic system+

Lymphatic system
RT Lymph
Lymphomas
BT Cardiovascular system+
NT Lymph nodes

Lymphocytes
UF Natural killer cells
RT Lymph
Lymphocytosis
BT Leukocytes+
NT B lymphocytes
T lymphocytes

Lymphocytosis
RT Lymphocytes
BT Diseases

Lymphogranuloma venerum virus
use Miyagawanella lymphogranulomatosis

Lymphomas
RT Lymphatic system
BT Neoplasms+
NT Hodgkins disease

Lymphotoxins
RT Drugs
BT Cytotoxins+

Lyophilization
BT Freeze drying+

Lysergic acid derivatives
use Lysergic acids

Lysergic acid diethylamide
use Lysergic acids

Lysergic acids
UF LSD
Lysergic acid derivatives
Lysergic acid diethylamide
RT Ergot alkaloids
BT Acids+
Hallucinogens+

Lysimeters
RT Percolation
BT Measuring instruments+

Lysis
BT Decomposition+
NT Electrolysis
Hemolysis
Hydrolysis
Photolysis
Pyrolysis+
Radiolysis

Lysozyme
use Muramidase

M

M band
(1-NOV-1980)
Millimeter waves in the range of 60 to 100 GHz.
BT Extremely high frequency+

M wings
use Varying sweep wings

Macaca fascicularis
BT Macaque monkeys+

Macaque monkeys
BT Monkeys+
NT Macaca fascicularis
Rhesus monkeys

Macedonia
(1-OCT-1994)
BT Yugoslavia+

Macerating
BT Softening

Mach number
RT Acoustic velocity
Flight speeds
Machmeters
BT Velocity+

Machinability
RT Machining

Machine aided indexing
RT Computational linguistics
BT Subject indexing+

Machine coding
BT Coding+
Computer programming

Machine guns
BT Automatic weapons+
NT Gatling guns
Submachine guns

Machine shop practice
RT Machine tool industry
BT Fabrication
NT Machining+
Material forming+

Machine tool industry
RT Machine shop practice
BT Industries

Machine tools
BT Tools
NT Drilling machines
Lathes
Metal forming brakes
Milling machines+
Presses(Machinery)+
Pulpers

Machine translation
BT Computational linguistics+
Language translation

Machinery noise
RT Machines
BT Industrial noise+
NT Compressor noise
Electric motor noise
Gear noise

Machines
RT Machinery noise
Machining
NT Mixers(Mechanical)
Positioning devices(Machinery)+
Punching machines
Sorting machines
Vibrators(Mechanical)
Wind machines
Wire winding machines

Machining
Shaping or finishing by machine-operated cutting tools.
RT Machinability
Machines
BT Machine shop practice+
NT Electroerosive machining+
Micromachining

Machmeters
RT Mach number
BT Flight speed indicators+

Machupo virus
UF Bolivian hemorrhagic fever virus
BT Arenaviruses+

Macmahon's theory
use Combinatorial analysis

Macrobert's e-functions
use Special functions(Mathematics)

Macroclimate
use Climate

Macroeconomics
BT Economics

Macromodules
BT Modular construction+

Macromolecules
BT Molecules

Macrophages
(1-SEP-1990)
Components of the reticuloendothelial system; these are large mononuclear highly phagocytic cells with a small oval, sometimes indented nucleus and inconspicuous nucleoli, occurring in the walls of blood vessels and in loose connective tissue.
BT Phagocytes+
Reticuloendothelial system+

Macroprocessors
RT Macroprogramming
BT Processing equipment

Macroprogramming
RT Macroprocessors
BT Computer programming

Madagascar
BT Indian Ocean Islands+

Magazines
use Periodicals

Magazines(Ordnance)
RT Ammunition
BT Storage+

Magma
RT Regolith
BT Igneous rock+

Magnesium
RT Magnesium alloys
Magnesium compounds
BT Alkaline earth metals+

Magnesium alloys
RT Magnesium
Magnesium compounds
BT Alloys

Magnesium batteries
BT Electric batteries

Magnesium compounds
RT Magnesium
Magnesium alloys
BT Alkaline earth compounds+
NT Magnesium oxides
Magnesium sulfates

Magnesium oxides
BT Alkaline earth oxides+
Magnesium compounds+

Magnesium sulfates
BT Magnesium compounds+
Sulfates+

Magnet coils
RT Electromagnets
Magnetic circuits
BT Electric coils+
Magnetic devices
NT Deflection coils

Magnetic alloys
RT Iron alloys
BT Alloys
Ferromagnetic materials+

Magnetic amplifiers
BT Amplifiers
Magnetic devices

Magnetic anomalies
RT Magnetic anomaly detection
BT Anomalies

Magnetic anomaly detection
RT Magnetic anomalies
BT Magnetic detection+

Magnetic brakes
BT Electric brakes+
Magnetic devices

Magnetic circuits
RT Magnet coils
BT Circuits+
Magnetic devices

Magnetic coatings
use all Coatings
Magnetic materials

Magnetic cores
RT Magnetic domains
BT Cores
Magnetic devices

Magnetic detection
RT Magnetic detectors
Magnetic signatures
BT Detection
NT Magnetic anomaly detection

Magnetic detectors
RT Magnetic detection
BT Detectors
Magnetic devices

Magnetic devices
RT Magnetic materials
NT Magnet coils+
Magnetic amplifiers
Magnetic brakes
Magnetic circuits
Magnetic cores
Magnetic detectors
Magnetic disks
Magnetic drives+
Magnetic drums
Magnetic fuzes
Magnetic heads
Magnetic mines
Magnetic mirrors
Magnetic modulators
Magnetic recording systems+
Magnetometers+
Magnets+
Permanent magnet generators

Magnetic dipoles
RT Magnetic moments
BT Dipoles

Magnetic disks
BT Magnetic devices
Magnetic recording systems+
Memory devices+

Magnetic disturbances
RT Magnetization
NT Magnetic storms

Magnetic domains
RT Magnetic cores
BT Magnetic materials
NT Domain walls
Ferromagnetic domains

Magnetic drives
BT Drives
Magnetic devices
NT Electromagnetic drives

Magnetic drums
BT Data storage systems+
Magnetic devices
Magnetic recording systems+
Memory devices+

Magnetic effects
use Magnetic properties

Magnetic fields
RT Magnetic mirrors
Magnetic properties
Pinch effect
BT Electromagnetic fields+
Electromagnetism+
NT Magnetic forces

Magnetic film memories
BT Magnetic recording systems+
Memory devices+

Magnetic forces
BT Magnetic fields+

Magnetic fuzes
BT Magnetic devices
Proximity fuzes+

Magnetic guidance
RT Magnetic navigation
BT Guidance

Magnetic heads
BT Magnetic devices

Magnetic induction
BT Magnetic properties+
NT Electromagnetic induction

Magnetic materials
UFC Magnetic coatings
RT Magnetic devices
NT Ferrites+
Ferromagnetic materials+
Magnetic domains+
Paramagnetic materials

Magnetic mines
BT Influence mines+
Magnetic devices
Underwater mines+

Magnetic minesweeping
BT Minesweeping+

Magnetic mirrors
RT Magnetic fields
BT Magnetic devices

Magnetic modulators
BT Magnetic devices
Modulators

Magnetic moments
RT Magnetic dipoles
BT Magnetic properties+
Moments
NT Nuclear magnetic moments

Magnetic navigation
RT Magnetic guidance
BT Navigation

Magnetic permeability
use Magnetic properties

Magnetic properties
Response of equipment or materials to magnetic fields. Also, the ability of equipment or materials to produce magnetic fields.
UF Diamagnetic properties
Magnetic effects
Magnetic permeability
Magnetic susceptibility
RT Magnetic fields
Magnetoacoustics
Magnetooptics
BT Electromagnetic properties+
Physical properties
NT Antiferromagnetism
Biomagnetism
Coercive force
Curie temperature
Diamagnetism
Ferrimagnetism
Ferromagnetism
Geomagnetism+
Hall effect
Magnetic induction+
Magnetic moments+
Magnetostriction
Neel temperature
Paramagnetism+
Permeability(Magnetic)
Photomagnetic effect

Magnetic recording systems
BT Electronic recording systems+
Magnetic devices
NT Magnetic disks
Magnetic drums
Magnetic film memories
Magnetic tape

Magnetic resonance
RT Magnetic resonance imaging
BT Resonance+
NT Ferromagnetic resonance
Nuclear magnetic resonance
Paramagnetic resonance+

Magnetic resonance imaging
(1-OCT-1995)
RT Magnetic resonance
BT Diagnosis(Medicine)+

Magnetic separation
UF Calutron
BT Isotope separation+

Magnetic signatures
RT Magnetic detection
Magnetoencephalograms
BT Signatures

Magnetic storms
BT Magnetic disturbances

Magnetic susceptibility
use Magnetic properties

Magnetic tape
RT Magnetic tape transport
BT Data storage systems+
Magnetic recording systems+
Tapes

Magnetic tape transport
RT Magnetic tape
BT Transport

Magnetite
BT Ores(Metal sources)
Rock forming minerals+

Magnetization
RT Magnetic disturbances
Magnets

Magnetoacoustics
RT Magnetic properties
BT Acoustics

Magnetoencephalograms
RT Magnetic signatures
BT Electroencephalography

Magnetofluiddynamics
use Magnetohydrodynamics

Magnetogasdynamics
use Magnetohydrodynamics

Magnetohydrodynamic generators
RT Magnetohydrodynamics
BT Electric generators+

Magnetohydrodynamic waves
UF Alfven waves
RT Magnetohydrodynamics

Magnetohydrodynamics
Motion of electrically conducting fluids in electric and magnetic fields.
UF Hydromagnetics
Magnetofluiddynamics
Magnetogasdynamics
RT Magnetohydrodynamic generators
Magnetohydrodynamic waves

Magnetoimpedance
BT Impedance

Magnetometers
RT Magnetometry
BT Fluxmeters+
Magnetic devices
NT Gradiometers

Magnetometry
RT Magnetometers
BT Measurement

Magnetooptics
Effects of magnetic fields upon light.
RT Acoustooptics
Electrooptics
Faraday effect
Magnetic properties
BT Optics
NT Kerr magnetooptical effect

Magnetoresistance
BT Electrical resistance+

Magnetorheology
(1-APR-1998)
Study in variations in viscosity induced by magnetic fields.
BT Rheology+

Magnetos
BT Electric generators+

Magnetosphere
BT Atmospheres

Magnetostatics
RT Electrostatics
BT Statics+

Magnetostriction
Phenomena relating to ferromagnetic substances under magnetic influence.
RT Electrostriction
Magnetostrictive elements
BT Magnetic properties+

Magnetostrictive elements
RT Magnetostriction

Magnetrons
BT Microwave tubes+

Magnets
RT Magnetization
BT Magnetic devices
NT Cyclotron magnets
Electromagnets+
Permanent magnets

Magnification
RT Amplification

Magnons
RT Plasmons
Spin waves
BT Elementary particles+

Magnus effect
BT Fluid dynamics+

Maine
RT Passamaquoddy Bay
BT New England+

Maine Gulf
BT Gulfs+

Maintainability
BT Maintenance

Maintenance
RT Downtime
Logistics
Maintenance management
Maintenance personnel
Protective treatments
NT Aircraft maintenance
Maintainability
Preventive maintenance
Repair
Space maintenance
Troubleshooting

Maintenance equipment
RT Maintenance vehicles
Spare parts
Tools
NT Drydocks+

Maintenance management
RT Maintenance
BT Management

Maintenance personnel
RT Maintenance
BT Personnel

Maintenance shops
use Repair shops

Maintenance vehicles
Vehicles equipped as maintenance and repair shops or for carrying spare parts of equipment.
RT Maintenance equipment
BT Vehicles

Maize
use Corn

Majorities
BT Population+

Malabsorption syndromes
RT Digestion(Biology)
Signs and symptoms
BT Gastrointestinal diseases+
NT Tropical sprue

Malaise
RT Illness
BT Pathology+

Malaria
RT Antimalarials
Plasmodium
BT Mosquito borne diseases+
Parasitic diseases+
NT Sporozoites

Malathion
RT Insecticides
BT Esters+

Malawi
BT Subsaharan Africa+

Malaya
BT Malaysia+

Malaysia
BT Southeast Asia+
NT Malaya

Maldive Islands
BT Indian Ocean Islands+

Maleic acid
(1-SEP-1981)
Ethylenedicarbolyxic acid - colorless prisms soluble in water; an isomer of fumaric acid.
BT Organic acids+

Males
RT Females
BT Sex+

Malfunctions
NT Failure+
Premature functioning(Ordnance)

Malic acid
BT Carboxylic acids+

Malleomyces
use Actinobacillus

Mallophaga
use Lice

Malnutrition
RT Deficiencies
BT Nutrition

Malodorous compounds
BT Chemical compounds

Malonates
(1-NOV-1980)
A salt or ester of malonic acid.
RT Malonic acid
BT Esters+

Malonic acid
RT Malonates
BT Carboxylic acids+

Malta
BT Mediterranean Sea Islands+

Mammals
UF Minks
BT Vertebrates+
NT Bats
Bovines
Carnivora+
Cetacea+
Deer
Equines+
Goats
Insectivora
Marsupials
Primates+
Rabbits
Rodents+
Sheep
Swine

Mammary glands
UF Breast
Udder
UFC Gynecomastia
RT Breast cancer
Mammography
Mastectomy
BT Glands+

Mammography
(1-OCT-1995)
RT Mammary glands
BT Radiography+
X ray diagnostics+

Man computer interface
BT Interfaces
NT Graphical user interface+

Man machine systems
RT Bionics
Mechanization

Management
UF Administration
RT Management personnel
NT Configuration management
Contract administration+
Crisis management
Data management+
Energy management+
Environmental management
Financial management+
Logistics management+
Maintenance management
Management engineering+
Participative management
Personnel management+
Public administration
Records management
Research management+
Resource management+
Systems management+
Test management

Management (cont.)
Total quality management
Training management

Management benchmarking
(1-OCT-1994)
The continuous process of measuring products, services and practices against the toughest competitors, or those companies recognized as industry leaders.
BT Management engineering+

Management engineering
UF Administrative engineering
RT Design criteria
Design to cost
Industrial engineering
BT Engineering
Management
NT Business process reengineering+
Collaborative techniques+
Management benchmarking
Management planning and control+
Production engineering+

Management information systems
BT Information systems
NT Decision support systems

Management personnel
(1-JUN-1989)
RT Management
Management training
BT Personnel
NT Executives
Supervisors

Management planning and control
BT Management engineering+
Planning
NT Gantt charts
Network analysis(Management)+
PERT
Planning programming budgeting

Management theory
use Organization theory

Management training
RT Management personnel
BT Training+

Manchuria
BT China+

Mandible
RT Maxilla
BT Bones+
Head(Anatomy)+

Mandrels
Axles or bars that serve as cores around which materials may be cast, molded, forged, bent, or shaped.

Maneuverability
RT Maneuvers

Maneuverable reentry vehicles
RT Boost glide vehicles
BT Reentry vehicles
NT Lifting reentry vehicles

Maneuvering satellites
BT Artificial satellites+

Maneuvers
RT Maneuverability
BT Military operations
NT Patrolling
Turning(Maneuvering)

Manganates
BT Manganese compounds+

Manganese
RT Manganese alloys
Manganese compounds
BT Transition metals+

Manganese alloys
RT Manganese
Manganese compounds
BT Alloys
NT Manganin

Manganese compounds
RT Manganese
Manganese alloys
BT Group VII compounds+
NT Ferromanganese minerals
Manganates
Manganese oxides
Permanganates

Manganese oxides
BT Manganese compounds+
Oxides+

Manganin
BT Copper alloys+
Manganese alloys+

Manhours
BT Manpower+

Manifolds(Engines)
UF Intake manifolds
UFC Exhaust manifolds
RT Air intakes

Manifolds(Mathematics)
(1-JUN-1997)
A topological homeomorphic space.
BT Functional analysis+

Manila
use Jute

Manioc plants
RT Starches
BT Plants(Botany)+

Manipulators
RT Control
BT Tools

Manitoba
BT Canada+

Manmade

Manned

Manned spacecraft
Vehicles for manned space flight including suborbital missions.
BT Spacecraft
NT Space stations

Mannequins
(1-SEP-1981)
A lay figure, a dummy.

Mannitol
BT Sugar alcohols+

Mannose
BT Hexoses+

Mann-Whitney statistics
use Statistical analysis

Manometers
UF Micromanometers
RT Barometers
BT Pressure gages+

Manostats
use Pressure regulators

Manportable equipment
UF Man-portable
BT Portable equipment+
NT Backpacks
Bundles

Manpower
RT Labor
Manpower utilization
BT Personnel management+
NT Manhours

Manpower utilization
RT Billets(Personnel)
Manpower
BT Personnel management+
Utilization
NT Employment
Unemployment

Mantle(Earth structure)
use Earth mantle

Manual operation
BT Operation
NT Control sticks

Manuals
BT Documents
NT Instruction manuals+
Programming manuals

Manufacturing
RT Assembly
Fabrication
NT Computer aided manufacturing

Manufacturing plants
use Industrial plants

Many-body problem
use N body problem

Man-portable
use Manportable equipment

Map projection
BT Mapping

Map reading
RT Maps
BT Reading

Mapping
Includes acquiring and recording the necessary data for maps.
UF Cartography
RT Maps
NT Conformal mapping
Geobotanical mapping
Map projection
Photogrammetry+
Radar mapping
Stereomapping
Video mapping+

Mapping(Transformations)
BT Transformations(Mathematics)+

Maps
RT Map reading
Mapping
NT Digital maps
Meteorological charts
Navigation charts
Solar radio maps
Topographic maps

Maraging steels
BT Steel+

Marble
use Metamorphic rock

Margarite
RT Mica
BT Igneous rock+

Margin of safety
BT Safety factor+

Marginal ice zones
(1-JUN-1989)
Boundary zones between the polar and temperate part of the climate system.
BT Cold regions+

Marihuana
use Cannabis

Marine animals
use Aquatic animals

Marine architects
RT Naval architecture
BT Architects+
Marine engineers+

Marine atmospheres
BT Atmospheres

Marine biological noise
RT Marine biology
BT Noise(Sound)+

Marine biology
UF Biological oceanography
RT Marine biological noise
BT Aquatic biology+
Oceanography+

Marine borers
BT Aquatic animals+
NT Shipworms

Marine climatology
RT Marine meteorology
BT Climate+

Marine Corps
RT Marine Corps facilities
Marine Corps operations
BT Military Forces(United States)+

Marine Corps aircraft
Fighter and ground support aircraft for the Marine Corps.
BT Military aircraft+

Marine Corps aviation
BT Aeronautics

Marine Corps equipment
Military equipment for Marine Corps use.
RT Marine Corps facilities
BT Military equipment+

Marine Corps facilities
RT Marine Corps
Marine Corps equipment
BT Military facilities+

Marine Corps operations
RT Marine Corps
Marine Corps planning
BT Military operations

Marine Corps personnel
BT Military personnel+

Marine Corps planning
RT Marine Corps operations
Marine Corps training
BT Military planning+

Marine Corps training
RT Marine Corps planning
BT Military training+

Marine engineering
UF Naval engineering
RT Marine engineers
BT Engineering
NT Naval architecture
Seaworthiness
Shipbuilding

Marine engineers
RT Marine engineering
BT Engineers+
NT Marine architects

Marine engines
BT Engines
NT Submarine engines

Marine geology
BT Geology+
Oceanography+

Marine geophysics
BT Geodynamics+
Oceanography+
NT Seafloor spreading

Marine meteorology
The study of meteorological conditions over oceanic areas, including island and coastal regions.
RT Marine climatology
BT Meteorology+
Oceanography+

Marine nuclear propulsion
BT Marine propulsion+
Nuclear propulsion+

Marine propellers
(1-SEP-1981)
UF Screws(Marine)
Ship propellers

Marine propellers (cont.)
BT Propellers
NT Cycloidal propellers
Supercavitating propellers

Marine propulsion
BT Propulsion systems
NT Marine nuclear propulsion
Marine surface propulsion
Underwater propulsion

Marine rudders
UF Ship rudders
BT Hydrodynamic configurations
Rudders+
Ship structural components+

Marine safety equipment
BT Safety equipment+
Ship auxiliary equipment+
NT Deck safety equipment+
Life preservers+
Life rafts
Lifeboats
Line throwing equipment

Marine salvage
BT Salvage+

Marine surface propulsion
BT Marine propulsion+
Surface propulsion+

Marine terminals
RT Marine transportation
BT Terminals

Marine transportation
UF Sealift operations
RT Marine terminals
Water traffic
BT Transportation
NT Shipping+

Marituba virus
BT Group C arboviruses+

Marker lights
UF Lights(Markers)
UFC Buoy lights
Runway lights
RT Markers
BT Navigational lights+

Markers
Devices that indicate location by dye, oil slick or burning mixture. Excludes labels, signs, electronic transmitters, etc.
UF Slick markers
UFC Depth charge markers
RT Flares
Identification
Marker lights
NT Labels

Market research
BT Marketing+

Marketing
RT Commerce
BT Economics
NT Market research
Retail

Markov chains
use Probability

Markov processes
BT Stochastic processes+
NT Semimarkov processes

Marksmanship
(1-JUN-1989)
RT Proficiency
BT Gunnery

Marriage
RT Families(Human)
BT Interpersonal relations+

Mars(Planet)
RT Mars probes
BT Planets+

Mars probes
RT Mars(Planet)
BT Space probes+

Marshall Islands
BT Micronesia+
NT Bikini Atoll
Enewetak Atoll
Kwajalein Atoll

Marshes
use Swamps

Marsupials
BT Mammals+

Martensite
BT Metastable alloys+
Steel+

Maryland
RT Potomac River
BT United States+

Masers
RT Lasers
BT Microwave amplifiers+

Masking
RT Masks
NT Photomasking
Terrain masking

Masks
RT Masking
NT Protective masks+

Masonite
BT Construction materials+

Masonry
RT Concrete
BT Construction materials+
NT Brick

Mass
RT Inertia
Mass flow
Mass number
BT Physical properties

Mass destruction weapons
BT Weapons+

Mass energy relation
BT Relativity theory+

Mass flow
RT Mass
BT Flow

Mass media
RT Television systems
BT Media

Mass number
RT Mass
BT Atomic properties

Mass production
(1-OCT-1997)
BT Production engineering+
NT Assembly lines

Mass spectra
RT Mass spectroscopy
BT Particle spectra+

Mass spectrometers
RT Mass spectrometry
BT Spectrometers+

Mass spectrometry
RT Mass spectrometers
BT Mass spectroscopy+
Spectrometry

Mass spectroscopy
RT Mass spectra
BT Spectroscopy
NT Drift tube mass spectroscopy
Mass spectrometry

Mass storage
BT Data storage systems+

Mass transfer
RT Ion exchange
Sorption
BT Transfer

Mass transportation
BT Transportation

Massachusetts
BT New England+

Massachusetts Bay
BT Bays+

Mast cells
BT Cells(Biology)+
Connective tissue+

Mastectomy
(1-OCT-1997)
RT Breast reconstruction
Mammary glands
BT Excision+

Mastication
UF Chewing
RT Ingestion(Physiology)
BT Physiology

Mastigophora
BT Protozoa+
NT Mastigotes

Mastigotes
BT Mastigophora+

Masts
BT Structural components+
NT Antenna masts
Ship masts

Matched filters
BT Electric filters+

Matching
RT Images
NT Impedance matching

Materia medica
use Pharmacology

Material forming
Shaping by deformation, compaction, deposition, molding, and like processes that do not involve removal of significant amounts of material.
RT Deformation
BT Machine shop practice+
NT Calendering(Sheet forming)
Casting+
Chemical milling
Drawing(Forming)+
Electroforming
Extrusion
Hydroforming(Mechanical)
Mechanical working+
Metalworking+
Molding techniques+
Pressing(Forming)+
Material forming (cont.)
Pultrusion

Material separation
BT Separation

Materials
RT Materials laboratories
Textiles
NT Ablative materials
Absorbers(Materials)+
Acoustic materials+
Amorphous materials
Bulk materials
Composite materials+
Construction materials+
Decontamination materials
Deicing materials
Dry materials
Fine grained materials
Fire resistant materials+
Fissionable materials
Flexible materials+
Granular materials
Hazardous materials+
Heat resistant materials+
Inert materials
Inorganic materials+
Molding materials
Nonskid materials
Optical materials+
Organic materials+
Paper+
Photographic materials+
Piezoelectric materials+
Plastics+
Porous materials+
Radar absorbing materials
Reactor materials+
Recycled materials
Reinforcing materials
Synthetic materials+
Thermochromic materials
Water soluble materials

Materials handling
RT Materials handling equipment
BT Handling
NT Propellant transfer

Materials handling equipment
RT Materials handling
NT Conveyors
Materials handling vehicles+
Pallets
Rigging

Materials handling vehicles
BT Materials handling equipment
NT Dollies
Forklift vehicles
Hoists+
Loaders

Materials laboratories
RT Materials
BT Laboratories+

Materials recovery
RT Waste recycling
BT Recovery

Materiel
RT Logistics
NT Military equipment+
Portable equipment+

Mathematical analysis
RT Mathematical filters
BT Mathematics
NT Combinatorial analysis+
Complex variables+
Computations
Differential equations+
Fourier analysis+
Functional analysis+
Integral equations+
Measure theory
Nonlinear analysis+
Numerical analysis+
Parametric analysis+
Real variables+
Sequences(Mathematics)+
Statistical analysis+
Tensor analysis
Theorems+
Vector analysis

Mathematical filters
RT Mathematical analysis
BT Filters
NT Linear filtering+
Recursive filters

Mathematical logic
UF Kleen partial recursive functionals
Logic(Mathematics)
Recursion theory
RT Computer logic
BT Logic
Mathematics
NT Boolean algebra

Mathematical models
RT Factorial design
BT Models
Operations research+
Simulation
NT Computerized simulation+
Economic models+

Mathematical prediction
UF Second-order prediction
BT Mathematics
Predictions

Mathematical programming
BT Operations research+
NT Dynamic programming

Mathematical programming (cont.)
Goal programming+
Integer programming
Linear programming+
Nonconvex programming
Nonlinear programming
Parametric programming
Quadratic programming

Mathematics
UF Foundations of mathematics
NT Algebra+
Algorithms
Applied mathematics
Approximation(Mathematics)+
Arithmetic+
Calculus+
Derivatives(Mathematics)
Equations+
Formulas(Mathematics)
Functions(Mathematics)+
Geometry+
Groups(Mathematics)+
Identities
Inequalities
Integrals+
Invariance
Mathematical analysis+
Mathematical logic+
Mathematical prediction
Metamathematics
Number theory+
Numbers+
Operations research+
Operators(Mathematics)+
Permutations
Polynomials+
Potential theory
Power series+
Probability+
Rings(Mathematics)
Sequences+
Set theory+
Statistics+
Stopping rules(Mathematics)
Tables(Data)+
Time lag theory
Transformations(Mathematics)+
Trigonometry

Mathematics laboratories
BT Laboratories+

Mathieu's function
use Special functions(Mathematics)

Matrices(Circuits)
BT Logic circuits+

Matrices(Mathematics)
UF Hermitian forms
Hilbert matrix
Ledermann theorem
Leontief matrix
Minkowski-Leontief matrices
Quasi-idempotent matrices
UFC Matrix algebra
Matrix calculus
RT Matrix theory
BT Vector spaces+
NT Eigenvectors
Sparse matrix
Wishart matrices

Matrix algebra
use all Algebra
Matrices(Mathematics)

Matrix calculus
use all Calculus of variations
Matrices(Mathematics)

Matrix displays
BT Display systems

Matrix games
BT Game theory+

Matrix materials
BT Composite materials+
NT Metal matrix composites+

Matrix theory
RT Matrices(Mathematics)
BT Theory

Mats
NT Landing mats

Mattresses
BT Bedding

Maturation
RT Aging(Physiology)
BT Growth(Physiology)+

Mauritania
BT Saharan Africa+
West Africa+

Maxilla
(1-MAY-1983)
The bone of the upper jaw.
UF Maxillofacial
RT Mandible
BT Bones+
Head(Anatomy)+

Maxillary sinus
use Paranasal sinuses

Maxillofacial
use Maxilla

Maximum likelihood estimation
(1-SEP-1981)
The estimate of a parameter of a likelihood function for a given sample. Has a maximum.
RT Estimates
BT Numerical analysis+
NT Least squares method

Maxwells equations
BT Electrodynamics
Partial differential equations+

Mayaro virus
BT Group A arboviruses+

Meadowlands
use Grasslands

Meals
RT Food
BT Food service+

Mean
BT Statistical distributions+

Mean field energy
(1-APR-00)
BT Quantum theory+

Mean free path
BT Kinetic theory+

Measles viruses
BT Viruses+
NT Rubella

Measurable sets
use Measure theory

Measure theory
UF Borel measure
Denjoy conjecture
Measurable sets
Shannon-Wiener measure
BT Mathematical analysis+
Theory

Measurement
RT Accuracy
Measuring instruments
Monitoring
NT Acoustic measurement
Anthropometry+
Assaying+
Calorimetry+
Electrical measurement+
Extensometry
Magnetometry
Metric system
Metrology+
Phase measurement
Planimetry
Plethysmography
Polarimetry
Power measurement
Pressure measurement
Quantization
Radiometry+

Measurement (cont.)
Work measurement

Measurement(Mental)
use Psychometrics

Measures of effectiveness
(1-APR-1998)

Measuring instruments
UFC Respirometers
RT Measurement
Monitors
BT Instrumentation+
NT Accelerometers
Altimeters+
Ammeters
Anemometers+
Balances+
Bhangmeters
Bolometers
Calorimeters
Clocks+
Colorimeters
Comparators+
Coulometers
Densimeters
Densitometers
Depth finders
Diffractometers
Dilatometers
Distance measuring equipment+
Driftmeters
Dynamometers
Electric bridges+
Electrometers
Electroscopes
Ellipsometers
Emissometers
Ergometers
Extensometers
Flight instruments+
Flowmeters+
Fluxmeters+
French curve
Frequency meters
Gages+
Galvanometers
Goniometers
Gradiometers
Gravimeters
Gyro sextants
Hygrometers+
Inertial measurement units
Interferometers+
Ionosondes+
Levels(Instruments)
Load cells
Lysimeters
Meteorological instruments+
Micrometers
Monochromators
Multimeters
Oculometers
Ohmmeters

Measuring instruments (cont.)
Oscillographs
Oximeters
Penetrometers
Ph meters
Phase meters
Photometers+
Polarimeters+
Postage meters
Potentiometers
Power meters+
Probes+
Pulse counters
Pyrheliometers
Pyrometers+
Q meters
Radiation measuring instruments+
Radiosondes+
Reflectometers
Refractometers
Riometers
Rodmeters
Salinometers
Scatterometers
Seismometers+
Sensitometers
Sextants+
Spectrographs
Spectrometers+
Tachometers
Temperature measuring instruments+
Tensiometers
Theodolites+
Thrust meters
Tiltmeters
Torsion meters
Transmissometers
Turbidimeters
Velocimeters+
Vibrometers
Viscometers
Voltmeters
Wavemeters
Yawmeters

Meat
Includes fish and fowl in edible forms.
RT Poultry
BT Food
NT Bacon
Beef
Ham
Meat loaf
Pork
Sausage

Meat loaf
BT Meat+

Mechanical brakes
use all Brakes
Mechanical components

Mechanical cables
RT Chains
Cordage
BT Cables
Mechanical components+
NT Aircraft control cables
Towing cables

Mechanical components
UFC Mechanical brakes
BT Parts
NT Dashpots
Diaphragms(Mechanics)
Gears+
Gimbals
Mechanical cables+
Mechanical guides
Springs+
Sprockets+
Stators+
Suspension devices+

Mechanical drawing
BT Engineering drawings+

Mechanical energy
RT Heat engines
BT Energy

Mechanical engineering
BT Engineering

Mechanical fuzes
BT Fuzes(Ordnance)+

Mechanical guides
BT Mechanical components+

Mechanical impedance
BT Impedance
NT Dashpots

Mechanical organs
UF Organs(Mechanical)
UFC Artificial heart
Artificial kidney
Heart(Artificial)
Heart-lung machine
Kidneys(Artificial)
BT Medical equipment
Prosthetics+

Mechanical properties
Properties involving relationships between stresses and strains or reactions to applied forces.
RT Mechanical working
BT Physical properties
NT Bending
Brittleness+
Bulk modulus
Bursting strength
Cohesion
Compressive properties+
Creep

Mechanical properties (cont.)
Creep strength
Ductility
Elastic properties+
Fatigue(Mechanics)+
Flexural properties+
Fracture(Mechanics)+
Fragility
Hardness+
Notch sensitivity
Notch toughness
Plastic properties+
Poisson ratio
Reduction of area
Resilience
Rheology+
Rigidity+
Shear properties+
Stiffness
Strain(Mechanics)+
Strength(Mechanics)+
Stresses+
Tensile properties+
Thermal resistance
Toughness
Trafficability
Wear resistance
Yield point

Mechanical scanning
BT Scanning

Mechanical waves
UF Waves(Mechanical)
BT Waves
NT Compression waves
Elastic waves+
Electromechanical waves
Gravity waves
Microbarometric waves
Seismic waves+
Vibration+
Water waves+

Mechanical working
Subjecting metal to pressure exerted by rolls, dies, presses, or hammers; to change its form or to affect the structure and consequently the mechanical and physical properties.
RT Mechanical properties
BT Material forming+
NT Cold working+
Hot working+
Powder metallurgy
Rolling(Metallurgy)+

Mechanics
NT Applied mechanics
Celestial mechanics+
Continuum mechanics
Dynamics+
Failure(Mechanics)+
Fluid mechanics+

Mechanics (cont.)
Force(Mechanics)
Fracture(Mechanics)+
Ice mechanics
Kinematics
Micromechanics+
Rock mechanics
Shock(Mechanics)+
Soil mechanics+
Statics+
Statistical mechanics
Structural mechanics
Thermomechanics

Mechanization
RT Man machine systems

Media
RT Cards
NT Mass media

Mediation
(1-OCT-1997)
BT Negotiations

Medical cameras
RT Medical examination
BT Cameras+
Medical equipment

Medical computer applications
RT Diagnosis(Medicine)
BT Computer applications

Medical engineering
BT Engineering

Medical equipment
UF Wheel chairs
UFC Operating tables
RT Biotechnology
Clinical medicine
NT Cystoscopes
Dental equipment
Fluoroscopes
Gastroscopes
Mechanical organs
Medical cameras
Olfactometers
Pacemakers
Photocoagulators
Pneumogram
Prosthetics+
Stents
Stethoscopes
Stretchers
Surgical instruments+

Medical evacuation
BT Evacuation
NT Aeromedical evacuation

Medical examination
RT Medical cameras
BT Medical services+

Medical examination (cont.)
NT Cardiography+
Endoscopy
Fluoroscopy

Medical laboratories
RT Medical research
BT Laboratories+
NT Clinical laboratories

Medical malpractice
BT Medical services+

Medical personnel
RT Medicine
BT Personnel
NT Anesthesiologists
Audiologists
Cardiologists
Dental personnel+
Immunologists
Interns
Medical technicians
Nurses
Ophthalmologists
Paramedics
Pathologists
Pharmacists
Physicians+
Physiologists
Psychologists+
Radiologists
Toxicologists

Medical research
UFC Cancer research
Dental research
RT Medical laboratories

Medical services
RT Public health
BT Medicine+
NT First aid
Health care management+
Hospitalizations+
Hospitals+
Medical examination+
Medical malpractice
Medicare
Nursing
Pharmacies
Therapy+

Medical supplies
UF Medical supply kits
UFC First aid kits
BT Supplies+
NT Catheters
Dressings
Surgical supplies+
Sutures

Medical supply kits
use Medical supplies

Medical technicians
BT Medical personnel+
Technicians+

Medicare
(1-APR-1999)
BT Medical services+

Medicine
RT Medical personnel
BT Life sciences
NT Aerospace medicine
Anesthesia+
Aviation medicine
Biomedicine
Clinical medicine+
Dentistry+
Endocrinology+
Epidemiology
Gerontology+
Healing
Hyperbaric medicine
Immunology+
Industrial medicine
Medical services+
Military medicine+
Nuclear medicine+
Occupational medicine
Ophthalmology
Paramedical sciences+
Pathology+
Radiology
Serology+
Telemedicine
Tropical medicine
Veterinary medicine

Mediterranean Sea
BT Oceans+
NT Adriatic Sea
Aegean Sea
Ionian Sea
Ligurian Sea
Tyrrhenian Sea

Mediterranean Sea Islands
BT Islands+
NT Cyprus
Malta
Sardinia
Sicily

Medium altitude
BT Altitude

Medium duty

Medium frequency
300 t0 3,000 kHz.
BT Radiofrequency+

Medium intensity
BT Intensity

Medium power
BT Power

Megaphones
RT Acoustic horns
BT Acoustic equipment

Meiosis
BT Cell division+

Meissner's method
use Numerical methods and procedures

Mekong Delta
BT Deltas+
South Vietnam+

Melamine plastics
use Amino plastics

Melamines
BT Amines+
Nitrogen heterocyclic compounds+

Melanesia
BT Pacific Ocean Islands+
NT New Guinea

Melanin
RT Melanism
Melatonin
BT Organic pigments+

Melanism
RT Melanin
Melatonin
BT Physiology

Melatonin
(1-OCT-1992)
5-methoxy-n-acetyl tryptomine, a hormone synthesized by the pineal gland which produces marked lightening of skin pigmentation by stimulating the aggregation of melanosomes in melanophores. It appears to be inactive in man and guinea pigs, however.
RT Albinism
Melanin
Melanism
BT Hormones+

Melioidosis
BT Bacterial diseases+

Mellin transform
use Integral transforms

Meloidogyne
BT Nematoda+

Melting
RT Melting point
Melts
BT Phase transformations+
NT Arc melting+
Electron beam melting
Fusion(Melting)
Thawing+
Zone melting

Melting point
RT Melting
BT Temperature

Melts
RT Melting

Membranes
RT Shells(Structural forms)
NT Membranes(Biology)+

Membranes(Biology)
UFC Fetal membranes
RT Connective tissue
BT Membranes
Tissues(Biology)
NT Dura mater
Endocardium
Meninges
Mucous membranes
Pellicle
Pericardium
Peritoneum

Memory(Psychology)
RT Amnesia
BT Learning+
NT Mnemonics
Recall
Retention(Psychology)

Memory devices
RT Data storage systems
BT Data processing equipment+
NT Bubble memories
Buffer storage
Core storage
Cryogenic storage devices
Magnetic disks
Magnetic drums
Magnetic film memories
Nonvolatile memories
Optical storage+
Random access computer storage+
Read only memories
Read write memories
Scratchpad memories
Shift registers+
Thin film storage devices

Mendelevium
RT Mendelevium compounds
BT Actinide series+
Transuranium elements+

Mendelevium compounds
RT Mendelevium
BT Transuranium compounds+

Meninges
UF Arachnoid
RT Meningitis
BT Membranes(Biology)+

Meningitis
RT Meninges
Neisseria meningitidis
BT Infectious diseases+
Nervous system diseases+
NT Cerebrospinal meningitis

Meningococcus
use Neisseria meningitidis

Meningopneumonitis virus
use Miyagawanella louisianae

Menstruation
(1-SEP-1981)
A periodic discharge of a sanguineous fluid from the uterus, occurring during the period of a woman's sexual maturity from puberty to menopause.
BT Estrous cycle+

Mental ability
NT Creativity
Reasoning+

Mental deficiency
use Mental disorders

Mental disorders
UF Insanity
Mental deficiency
RT Mental health
BT Abnormal psychology+
Nervous system diseases+
NT Alzheimer disease
Amnesia+
Aphasia+
Neuroses+
Psychoses+

Mental fatigue
use Fatigue(Physiology)

Mental health
RT Mental disorders
BT Health

Mental stress
use Stress(Psychology)

Mental telepathy
use Parapsychology

Menu
BT Food service+

Meperidine
BT Narcotics+
Piperidines+

Meprobamate
use Tranquilizers

Merchant vessels
RT Transport ships
BT Ships

Mercury
RT Mercury alloys
Mercury compounds
BT Metals+

Mercury(Planet)
BT Planets+

Mercury alloys
RT Mercury
Mercury compounds
BT Alloys
NT Amalgams

Mercury batteries
BT Electric batteries

Mercury cadmium tellurides
(1-JUN-1989)
BT Cadmium tellurides+
Mercury compounds+

Mercury compounds
RT Mercury
Mercury alloys
BT Group II compounds+
NT Mercury cadmium tellurides

Mercury lamps
BT Discharge lamps+

Meromorphic functions
BT Complex variables+
Functions(Mathematics)+
NT Rational functions

Merozoites
BT Schizogony+

Mesa diodes
BT Diodes+

Mescaline
use Anhalonium alkaloids

Mesh
RT Fabrics
BT Grids

Mesomorphic compounds
BT Chemical compounds

Meson bombardment
BT Meson reactions+

Meson capture
BT Meson reactions+

Meson cross sections
BT Nuclear cross sections+

Meson reactions
RT Mesons
BT Nuclear reactions
NT Meson bombardment
Meson capture
Meson scattering

Meson scattering
BT Meson reactions+
Nuclear scattering+

Mesons
RT Meson reactions
BT Bosons+
NT K mesons
Muons
Pions

Mesons(K)
use K mesons

Mesopause
RT Mesosphere
BT Upper atmosphere+

Mesosphere
RT Mesopause
BT Upper atmosphere+

Mesozoic era
(1-SEP-1981)
A geologic era from the end of the paleozoic to the beginning of the cenozoic; commonly referred to as the age of reptiles.
BT Paleontology+

Message processing
BT Communication and radio systems Processing

Metabolic diseases
UF Alkalosis
Amyloidosis
Metabolism disorders
RT Metabolism
BT Diseases
NT Acidosis
Diabetes
Hyperglycemia
Hypoglycemia
Obesity

Metabolism
RT Metabolic diseases
BT Physiology
NT Carbohydrate metabolism
Catabolism
Glycolysis
Hypermetabolism
Lipid metabolism
Phosphorylation
Protein metabolism

Metabolism disorders
use Metabolic diseases

Metabolism inhibitors
use Antimetabolites

Metabolites
BT Digestion(Biology)+

Metacentric height
BT Height finding+

Metal air batteries
BT Primary batteries+

Metal carbonyls
BT Carbonyl compounds+
Metal compounds+

Metal coatings
RT Metal films
Metalation
Metallizing
BT Coatings
NT Aluminum coatings
Copper coatings
Tin coatings
Zinc coatings

Metal complexes
BT Complex compounds+
Metal compounds+
NT Molecular complexes

Metal compounds
RT Metals
BT Chemical compounds
NT Ammino compounds
Metal carbonyls
Metal complexes+
Organometallic compounds+

Metal contacts
BT Electric contacts+

Metal crystals
BT Crystals+

Metal detectors
BT Detectors

Metal fibers
RT Fiber metallurgy
Metallic textiles

Metal fibers (cont.)
BT Fibers
NT Whiskers(Crystals)

Metal films
RT Metal coatings
Metallic textiles
BT Films

Metal forming brakes
UF Bending brakes
Brakes(Metalworking)
Sheet metal brakes
RT Metal forming presses
BT Machine tools+

Metal forming presses
RT Metal forming brakes
BT Presses(Machinery)+

Metal joints
RT Metal metal bonds
Metal seals
BT Joints

Metal matrix composites
(1-DEC-1984)
BT Matrix materials+
NT Eutectic composites

Metal metal bonds
RT Metal joints
BT Chemical bonds+

Metal nitride oxide semiconductors
BT Metal oxide semiconductors+

Metal oxide semiconductors
UF MOS(Semiconductors)
BT Semiconductors+
NT Complementary metal oxide semiconductors
Metal nitride oxide semiconductors
Mosfet semiconductors

Metal plates
UF Plates(Metal)
RT Armor plate
BT Plates
Structural components+
NT Ship plates

Metal poisoning
UFC Gold poisoning
Uranium poisoning
BT Poisoning+
Toxic diseases+

Metal powders
use Powder metals

Metal scraps
BT Metals+

Metal seals
RT Metal joints
BT Seals(Stoppers)

Metal spinning
The process by which round hollowware is formed by pressing metal sheets or light plates to molds or forms revolving on a spinning lathe.
BT Cold working+
Metalworking+
Spinning(Industrial processes)+

Metal vapors
BT Metals+
Vapors+

Metalation
RT Metal coatings
BT Chemical reactions+

Metallic textiles
RT Metal fibers
Metal films
BT Textiles

Metallizing
RT Metal coatings

Metallocenes
(1-APR-1999)
BT Organometallic compounds+
NT Ferrocenes

Metallography
Studies of the relationships of the structures of metals and alloys to their properties. For the science of preparing metals from their ores, see Metallurgy.
RT Metallurgy
Solid solutions
BT Physical metallurgy+
NT Fractography

Metalloid alloys
RT Metalloids
BT Alloys
NT Antimony alloys
Arsenic alloys
Boron alloys
Germanium alloys
Silicon alloys
Tellurium alloys

Metalloids
RT Metalloid alloys
BT Nonmetals+
NT Arsenic
Astatine
Boron

Metalloids (cont.)
Germanium
Silicon
Tellurium

Metalloproteins
use Proteins(Conjugated)

Metallorganic compounds
use Organometallic compounds

Metallurgical laboratories
RT Metallurgy
BT Laboratories+

Metallurgy
RT Metallography
Metallurgical laboratories
BT Physical sciences
NT Castings
Deoxidation(Metallurgy)
Eutectics
Fiber metallurgy
Grain structures(Metallurgy)+
Hydrometallurgy
Physical metallurgy+
Porous metals+
Powder metallurgy
Pyrometallurgy
Segregation(Metallurgy)

Metals
RT Alloys
Metal compounds
Sheet metal
BT Chemical elements
NT Actinide series+
Alkali metals+
Alkaline earth metals+
Aluminum
Antimony
Base metal
Bismuth
Gallium
Germanium
Group III metals
Group IVa metals
Heat resistant metals+
Heavy metals+
Indium
Liquid metals+
Mercury
Metal scraps
Metal vapors
Polonium
Porous metals+
Powder metals+
Rare earth elements+
Thallium
Tin
Transition metals+
Transuranium elements+
Weld metal
Wrought metals
Ytterbium

Metals(Liquid)
use Liquid metals

Metals(Porous)
use Porous metals

Metalworking
RT Stretch forming
BT Material forming+
NT Autofrettage
Bulging
Forging+
High energy rate forming+
Metal spinning
Swaging

Metamathematics
BT Mathematics

Metamorphic geology
RT Metamorphic rock
BT Geology+
NT Soil consolidation

Metamorphic rock
UF Marble
RT Metamorphic geology
BT Rock+
NT Quartzite
Schist

Metamorphosis
NT Larvae+
Nymph

Metaproteins
use Proteins(Derived)

Metastability
use Metastable state

Metastable alloys
BT Alloys
Metastable state+
NT Martensite

Metastable state
UF Metastability
RT Excitation
BT Phase
NT Metastable alloys+

Metastasis
BT Cancer+

Meteor burst communications
(1-OCT-1992)
Long range radio communication accomplished by sending out compacted data signals in bursts to bounce (or scatter) off meteor ionization trails. The transmission is normally initiated by a coded interrogation signal from the intended receiver

Meteor burst communications (cont.)
bounced off the same ionization trail.
RT Ionization trails
BT Burst transmission
Radio links+

Meteorites
Solid bodies from outer space that have entered the earth's atmosphere and struck its surface.
BT Meteoroids+

Meteoroids
BT Meteors
Solar system+
NT Meteorites

Meteorological balloons
UF Aerological balloons
BT Balloons+

Meteorological batteries
BT Electric batteries

Meteorological charts
UF Weather maps
BT Charts
Maps

Meteorological data
RT Meteorological instruments
Weather stations
BT Weather+

Meteorological direction finders
use all Direction finding
Meteorological instruments

Meteorological instruments
UFC Meteorological direction finders
RT Meteorological data
BT Measuring instruments+
NT Barometers
Cloud height indicators
Hygristors
Hygrometers+
Hypsometers
Ice formation indicators
Meteorological radar
Rain gages
Vertical gust recorders
Wind direction indicators
Yawsondes

Meteorological phenomena
RT Meteorology
NT Atmospheric condensation+
Atmospheric electricity+
Atmospheric motion+
Atmospheric precipitation+
Atmospheric refraction
Atmospheric temperature+
Barometric pressure+
Coriolis effect

Meteorological phenomena (cont.)
Fronts(Meteorology)+
Haze
Humidity+
Storms+

Meteorological radar
UF Weather radar
BT Meteorological instruments+
Radar

Meteorological radio
use Weather communications

Meteorological satellites
RT Satellite meteorology
Weather stations
BT Scientific satellites+

Meteorological stations
use Weather stations

Meteorologists
RT Meteorology
BT Personnel

Meteorology
RT Meteorological phenomena
Meteorologists
BT Earth sciences+
NT Climatology+
Marine meteorology
Micrometeorology
Radar meteorology
Satellite meteorology
Synoptic meteorology
Weather+

Meteors
Solid bodies that enter the earth's atmosphere from outer space, but do not strike its surface.
NT Meteoroids+

Methacrylates
BT Acrylates+
NT Polymethyl methacrylate+

Methamphetamine
use Amphetamines

Methane
BT Alkanes+
Methanes+
NT Rubrenes

Methanes
BT Alkanes+
NT Methane+
Nitromethane

Methanols
(1-JUN-1989)
Colorless, toxic, flammable liquids, boiling at 64.5C, miscible with water, ether, alcohol; used in the manufacture of formaldehyde and antifreeze, and as a solvent.
UF Methyl alcohol
Wood alcohol
BT Alcohols+

Methaqualone
RT Methionine
BT Tranquilizers+

Methemoglobin
BT Hemoglobin+

Methionine
RT Methaqualone
BT Amino acids+

Method of characteristics
BT Numerical analysis+

Method of moments
BT Moments

Methodology
NT Collecting methods+
Consistency
Laboratory procedures+
Test methods+

Methotrexate
BT Antimetabolites+
Nitrogen heterocyclic compounds+

Methyl alcohol
use Methanols

Methyl cellulose
BT Cellulose ethers+
Methyl radicals+

Methyl hydrazines
BT Hydrazine derivatives+
Methyl radicals+
NT Dimethylhydrazines

Methyl radicals
BT Alkyl radicals+
NT Methyl cellulose
Methyl hydrazines+
Methyl sulfoxide

Methyl sulfoxide
BT Methyl radicals+
Sulfoxides+

Methylal
BT Ethers+

Methylamine
BT Amines+

Methylation
BT Alkylation+

Methylene blue
BT Amines+

Methylenes
BT Alkenes+

Metric system
BT Measurement
Metrology+

Metrology
BT Measurement
NT Metric system

Mexico
BT Central America+
NT Baja California

Mexico Gulf
BT Gulfs+

Mica
RT Margarite
BT Rock forming minerals+

Mica capacitors
BT Fixed capacitors+

Mice
BT Rodents+

Michell's integral
use Integrals

Michelson interferometers
(1-SEP-1981)
An interferometer in which the light strikes a partially reflected plate at an angle of 45 degrees. The light beams reflected and transmitted by the plate are both reflected back to the plate by mirrors and the beams are recombined at the plate interfering constructively or destructively depending on the distance from the plate to the two mirrors.
BT Optical interferometers+

Michigan
BT United States+

Microanalysis
The qualitative or quantitative analysis of substances in quantities of ten milligrams or less.
UF Microvolumetric analysis
BT Chemical analysis

Microbalances
(1-MAY-1983)
A small light type of analytical

Microbalances (cont.)
balance that can weigh loads of up to 0.1 gram to the nearest microgram.
UF Microscales
BT Balances+

Microbarometric waves
RT Atmospheric tides
BT Barometric pressure+
Mechanical waves+

Microbeams
BT Beams(Radiation)

Microbiological tests
RT Microbiology
BT Test methods+

Microbiology
RT Microbiological tests
BT Biology+
NT Bacteriology
Virology

Microcalorimetry
BT Calorimetry+

Microchannel plates
BT Electron multipliers+

Microcircuits
BT Circuits+
Microelectronics+
NT Microoptical circuits

Microclimatology
RT Micrometeorology
BT Climate+

Micrococcaceae
BT Eubacteriales+
NT Micrococcus
Sarcina+
Staphylococcus+

Micrococcus
BT Micrococcaceae+

Microcomputers
UF Personal computers
BT Computers+
Microprocessors+
NT Pocket computers

Microcontact printing
(1-APR-00)
RT Contact printers
BT Lithography+

Microcracking
BT Cracking(Fracturing)+

Microcystis
BT Algae+

Microdots
BT Microform+

Microelectromechanical systems
(1-JAN-1999)
BT Electromechanical devices
Microelectronics+

Microelectronics
RT Molecular electronics
BT Electronics
NT Microcircuits+
Microelectromechanical systems
Nanotechnology

Microfacsimile
BT Facsimile communications+

Microfiche
BT Microform+

Microfilm
RT Film readers
BT Microform+

Microform
BT Microminiaturization+
Photographic film+
NT Microdots
Microfiche
Microfilm

Microhardness
BT Hardness+

Micromachining
(1-APR-1999)
BT Machining+

Micromanometers
use Manometers

Micromechanics
(1-OCT-1992)
RT Microstructure
BT Mechanics
NT Nanotechnology

Micrometeorology
RT Microclimatology
BT Meteorology+

Micrometers
UFC Optical micrometers
BT Measuring instruments+

Microminiaturization
BT Miniaturization
NT Microform+
Microphotography

Micronesia
BT Pacific Ocean Islands+
NT Guam
Marshall Islands+

Microoptical circuits
BT Microcircuits+
Optical circuits+

Microorganisms
NT Bacteria+
Pathogenic microorganisms+
Protozoa+
Rickettsiales+
Viruses+

Micropaleontology
BT Paleontology+

Microphones
RT Loudspeakers
BT Communication equipment
Electroacoustic transducers+

Microphotography
BT Microminiaturization+
Photography

Microphotometers
UFC Microspectrophotometers
BT Photometers+

Microphthalmia
use all Anomalies
Eye

Micropower circuits
BT Circuits+

Microprobes
BT Probes+

Microprocessors
RT Microprogramming
BT Processing equipment
NT Microcomputers+

Microprogramming
RT Firmware
Microprocessors
BT Computer programming

Micropulsations
BT Pulses

Microradiography
BT Radiography+

Microscales
use Microbalances

Microscopes
RT Microscopy
BT Optical equipment
NT Acoustic microscopes

Microscopes (cont.)
Electron microscopes+

Microscopy
RT Microscopes
BT Optical analysis
NT Electron microscopy
Field ion microscopy

Microsecond time
BT Short range(Time)+

Microseisms
BT Seismic waves+

Microsensors
(1-JUL-1999)
BT Detectors
Miniaturization

Microsomes
BT Cytoplasm+

Microspectrophotometers
use all Microphotometers
Spectrophotometers

Microspheres
BT Spheres+

Microstructure
RT Micromechanics
BT Structures

Microsurgery
(1-MAY-1983)
Surgery in which a microscope and minute surgical instruments are employed, often on structures as small as an ovum or single living cell.
RT Microtomes
BT Surgery+

Microsyns
use Synchros

Microtomes
RT Microsurgery
BT Surgical instruments+

Microvolumetric analysis
use Microanalysis

Microwave amplifiers
BT Microwave equipment+
Radiofrequency amplifiers+
NT Backward wave amplifiers
Masers
Parametric amplifiers

Microwave antennas
BT Antennas
Microwave equipment+
NT Cassegrain antennas
Horn antennas
Lens antennas+
Slot antennas

Microwave beams
BT Radio beams+

Microwave bridges
BT Electric bridges+

Microwave communications
RT Microwave networks
Microwave transmission
BT Telecommunications+
NT Microwave relay systems
Tropospheric scatter communications

Microwave equipment
BT Electrical equipment
Electronic equipment
NT Microwave amplifiers+
Microwave antennas+
Microwave tubes+

Microwave filters
BT Radiofrequency filters+

Microwave frequency
Frequencies of 890 MHz and above.
BT Radiofrequency+
NT Extremely high frequency+
Superhigh frequency+
Ultrahigh frequency+
Very high frequency+

Microwave interferometry
BT Radio interferometry+

Microwave landing systems
BT Air traffic control systems
Landing aids

Microwave networks
RT Microwave communications
BT Networks

Microwave optics
BT Optics

Microwave oscillators
BT Radiofrequency oscillators+

Microwave ovens
BT Ovens+

Microwave receivers
BT Radio receivers+
NT Crystal video receivers

Microwave relay systems
BT Microwave communications+
Radio relay systems+

Microwave spectroscopy
UFC Microwave spectrum analyzers
BT Radiofrequency spectroscopy+

Microwave spectrum analyzers
use all Microwave spectroscopy
Spectrum analyzers

Microwave transmission
RT Microwave communications
Strip transmission lines
BT Radio transmission+

Microwave tubes
BT Electron tubes+
Microwave equipment+
NT Klystrons+
Magnetrons
Traveling wave tubes+

Microwaves
1,000 to 300,000 MHz.
BT Radio waves+
NT Millimeter waves

Midatlantic Ridge
(1-OCT-1991)
RT Seafloor spreading
BT Ocean ridges+

Midcourse defense
BT Antimissile defense systems+

Midcourse guidance
BT Guidance

Midcourse trajectories
BT Trajectories+

Middle ear
BT Ear+

Middle East
BT Geographic areas
NT Arabia+
Cyprus
Egypt+
Iran
Iraq
Israel
Jordan
Lebanon
Libya
Syria
Turkey

Middle latitudes
use Temperate regions

Midges
use Diptera

Midway Island
BT Hawaii+

Mie scattering
BT Electromagnetic scattering+
NT Rayleigh scattering

Migration
RT Behavior
NT Animal migration

Militarily critical technologies
(1-APR-1998)
RT Technology transfer
BT Military research

Military advisors
RT Counterinsurgency
Military assistance
BT Military personnel+

Military aircraft
BT Aircraft
NT Antisubmarine aircraft
Army aircraft
Bomber aircraft+
Electronic aircraft
Fighter aircraft+
Marine Corps aircraft
Naval aircraft+
Reconnaissance aircraft+
Tactical aircraft+

Military applications
RT Military operations

Military art
(1-OCT-1995)
Use for documents discussing the theory of warfare at any level.
BT Strategy

Military assistance
RT Counterinsurgency
Military advisors
BT Foreign aid

Military bridges
RT Military engineering
BT Bridges

Military budgets
RT Military downsizing
BT Budgets+
NT Air Force budgets
Army budgets
Naval budgets

Military capabilities
(1-OCT-1992)
The ability to achieve a specific war-time capability.
BT Military tactics+

Military commanders
BT Officer personnel+

Military critical technology
(1-APR-1998)
BT Military research

Military dependents
use all Family members
Military personnel

Military doctrine
BT Doctrine

Military dogs
RT Military police
BT Dogs+

Military downsizing
(1-OCT-1994)
RT Military budgets
BT Military force levels
NT Base closures

Military engineering
RT Military bridges
Military engineers
BT Engineering

Military engineers
RT Military engineering
BT Engineers+
NT Seabees

Military equipment
RT Military supplies
BT Materiel
NT Air Force equipment
Army equipment
Marine Corps equipment
Naval equipment+

Military exercises
RT Military tactics
BT Military operations

Military facilities
RT Installation restoration
BT Facilities
NT Air Force facilities
Army facilities
Bare bases
Barracks
Floating bases
Fortifications
Marine Corps facilities
Naval shore facilities+
Submarine bases

Military force levels
RT Military formations
Military organizations
NT Air power
Military downsizing+
Nuclear forces(Military)+

Military Forces(Foreign)
BT Foreign
Military organizations+
NT Israeli commandos
NATO Forces

Military Forces(United States)
UF Armed Forces(United States)
BT Military organizations+
NT Air Force+
Army+
Coast Guard
Marine Corps
Navy
Special operations forces+

Military formations
RT Military force levels
BT Military operations

Military geography
RT Military oceanography
BT Geography+

Military government
UF Government(Military)
BT Political science+

Military history
(1-OCT-1992)
BT History+
Military operations

Military hygiene
RT Military medicine
BT Hygiene

Military intelligence
Evaluated information concerning an actual or possible enemy theater of operations.
UF Intelligence(Military)
RT Combat surveillance
BT Intelligence
NT Air intelligence
Army intelligence
Communications intelligence
Espionage
Naval intelligence
Strategic intelligence
Tactical intelligence+

Military law
RT Military police
Military tribunals
BT Legislation

Military medicine
UF Armed forces medicine
UFC Air Force medicine
Army medicine
Naval medicine
RT Military hygiene
Military surgeons
BT Medicine+

Military medicine (cont.)
NT CHAMPUS

Military modernization
(1-SEP-1990)
Relates to the technical sophistication of military forces, weapon systems, and equipment.

Military occupational specialties
(1-OCT-1992)
A duty or related group of duties that a soldier, by training skill and experience is best qualified to perform and that is a basis for the classification, assignment and advancement of enlisted personnel.
BT Careers+
NT Forward observers

Military oceanography
RT Military geography
BT Oceanography+

Military operations
RT Military applications
NT Air drop operations+
Air Force operations
Airmobile operations
Amphibious operations+
Army operations+
Coast Guard operations
Combat patrols
Counterforces(Military)
Interdiction+
Joint military activities+
Loitering
Maneuvers+
Marine Corps operations
Military exercises
Military formations
Military history
Naval operations+
Operations other than war+
Reconnaissance+
Theater level operations

Military organizations
UF Organizations(Military)
RT Military force levels
BT Organizations
NT Artillery units
Battle group level organizations
Corps level organizations+
Military Forces(Foreign)+
Military Forces(United States)+
Military reserves+
Nato
Squadrons
Wing level organizations

Military personnel
UFC Military dependents
RT Military reserves

Military personnel (cont.)
Military separation
BT Personnel
NT Air Force personnel
All volunteer
Army personnel+
Cadets
Coast Guard personnel
Combat forces
Enlisted personnel+
Guided missile personnel
Gunners+
Marine Corps personnel
Military advisors
Military police
Military surgeons+
Naval personnel+
Officer personnel+
Paramilitary forces
Paratroopers
Recruiters
Recruits
Snipers
Underwater demolition teams
Veterans(Military personnel)

Military planning
BT Defense planning+
NT Air Force planning
Army planning
Marine Corps planning
Naval planning

Military police
UF Armed forces police
RT Military dogs
Military law
BT Military personnel+
Police+

Military procurement
RT Military requirements
Military supplies
BT Government procurement+
Logistics
NT Air Force procurement
Army procurement
Naval procurement

Military psychology
BT Applied psychology+
NT Brainwashing
Psychological warfare

Military publications
UFC Naval publications
BT Documents
NT Directives
Mission area analysis
Program objectives memoranda
Security classification guides

Military rations
RT Military supplies
BT Rations+

Military requirements
RT Military procurement
Military standards
Military training
BT Requirements

Military research
NT Air Force research
Army research
Coast Guard research
Infrared research
Militarily critical technologies
Military critical technology
Naval research

Military reserves
RT Military personnel
BT Military organizations+
NT National Guard
Reserve Officer Training Corps

Military satellites
BT Artificial satellites+
NT Bombardment satellites

Military separation
(1-NOV-1980)
The termination of the membership of an individual in the armed services.
RT Military personnel
BT Separation

Military standards
(1-OCT-1992)
RT Military requirements
BT Standards

Military strategy
BT Strategy

Military supplies
RT Military equipment
Military procurement
Military rations
BT Supplies+
NT Stores

Military surgeons
RT Military medicine
BT Military personnel+
Surgeons+
NT Flight surgeons

Military tactics
RT Lessons learned
Military exercises
BT Strategy
NT Attrition
Defense in depth
Defense suppression
Deployment+
Infiltration(Personnel)
Military capabilities
Order of battle

Military tactics (cont.)
Tactical air support
Tactical bombing
Tactical reconnaissance
War games

Military training
RT Military requirements
BT Training+
NT Air Force training
Army training
Marine Corps training
Naval training
War games

Military transportation
RT Military vehicles
BT Transportation

Military tribunals
(1-OCT-1996)
RT Military law
BT Law enforcement+

Military vehicles
RT Military transportation
BT Vehicles
NT Armored vehicles+
Bomb handling vehicles+
Combat vehicles+
Utility vehicles+

Milk
UFC Dry milk
RT Bovines
BT Beverages+
Dairy products+
NT Milk fat

Milk fat
UF Butter
BT Fats+
Milk+

Millimeter wave equipment
(1-OCT-1991)
RT Millimeter waves
BT Electronic equipment

Millimeter waves
30,000 to 300,000 MHz.
RT Millimeter wave equipment
BT Microwaves+

Milling machines
RT Grinding wheels
Grooving
BT Cutting tools+
Machine tools+
NT End mill

Millipore filters
BT Fluid filters+

Mindo molecular orbitals
BT Molecular orbitals+

Mine batteries
BT Electric batteries
Mine components+

Mine boosters
Devices filled with explosive materials that relay and amplify detonation waves to activate the main charges of mines.
RT Explosives initiators
BT Boosters(Explosives)+
Mine components+

Mine cases
BT Mine components+

Mine clearance
RT Mine hunting
BT Mine countermeasures+
NT Minesweeping+

Mine components
UFC Mine fairings
BT Mines(Ordnance)+
NT Mine batteries
Mine boosters
Mine cases
Mine fuzes
Mine sterilizers

Mine countermeasures
RT Mine hunting
BT Countermeasures+
Mine warfare+
NT Countermining
Mine clearance+
Mine neutralization

Mine detection
RT Explosives detection
Mine detectors
BT Detection
Mine hunting+

Mine detectors
UFC Land mine detectors
RT Mine detection
BT Ordnance locators+

Mine fairings
use all Fairings
Mine components

Mine fuzes
RT Explosives initiators
BT Fuzes(Ordnance)+
Mine components+

Mine hunting
RT Mine clearance
Mine countermeasures
BT Mine warfare+

Mine hunting (cont.)
NT Mine detection

Mine neutralization
BT Mine countermeasures+

Mine shafts
BT Mines(Excavations)+

Mine sterilizers
BT Mine components+

Mine warfare
RT Mines(Ordnance)
BT Warfare
NT Aerial mine warfare
Land mine warfare
Mine countermeasures+
Mine hunting+
Minefields
Minelaying+
Naval mine warfare

Minefields
RT Minelaying
Mines(Ordnance)
BT Mine warfare+

Minelayers
RT Minelaying
BT Naval vessels(Combatant)+

Minelaying
RT Minefields
Minelayers
BT Mine warfare+
NT Minelaying equipment

Minelaying equipment
BT Minelaying+

Mineral oils
BT Oils

Mineral wool
RT Thermal insulation
BT Minerals
Synthetic fibers+

Mineralization
RT Mineralogy
BT Petrology+

Mineralogy
RT Mineralization
Minerals
BT Earth sciences+

Minerals
UF Cordierite
RT Mineralogy
NT Asbestos
Boehmite
Carbonate minerals+
Cinnabar

Minerals (cont.)
Clay minerals+
Ferromanganese minerals
Gems(Minerals)+
Gypsum
Mineral wool
Obsidian
Proustite
Rock forming minerals+
Synthetic stones

Mines(Excavations)
BT Mining engineering+
NT Coal mines
Mine shafts
Surface mines

Mines(Ordnance)
UFC Practice mines
RT Mine warfare
Minefields
BT Ordnance
NT Aerial mines
Captor mines
Contact mines
Controlled mines
Influence mines+
Land mines+
Mine components+
Naval mines+

Minesweepers
RT Minesweeping
BT Naval vessels(Combatant)+
NT Paravanes

Minesweeping
RT Minesweepers
BT Mine clearance+
NT Acoustic minesweeping
Magnetic minesweeping
Minesweeping equipment

Minesweeping equipment
(1-JUN-1989)
Equipment used for searching and/or clearing mines using mechanical or explosion gear which physically removes or destroys the mine or produces in the area the influence fields necessary to actuate it.
BT Minesweeping+

Miniature electrical equipment
RT Miniature electronic equipment
Miniaturization
BT Electrical equipment
NT Subminiature electrical equipment

Miniature electron tubes
BT Electron tubes+
Miniature electronic equipment+
NT Subminiature electron tubes

Miniature electronic equipment
RT Miniature electrical equipment
Miniaturization
BT Electronic equipment
NT Miniature electron tubes+
Subminiature electronic equipment+

Miniature fuzes
BT Fuzes(Ordnance)+

Miniaturization
RT Miniature electrical equipment
Miniature electronic equipment
NT Microminiaturization+
Microsensors

Minicomputers
BT Computers+

Minimax technique
RT Chebyshev approximations
BT Operations research+

Mining engineering
BT Earth sciences+
Engineering
NT Mines(Excavations)+

Minkowski space
BT Functional analysis+

Minkowski-Leontief matrices
use Matrices(Mathematics)

Minks
use Mammals

Minnesota
BT United States+

Minnows
BT Fishes+

Minorities
NT African Americans
American Indians

Mirrors
RT Specular reflection
BT Optical equipment components+
Reflectors
NT Coelostats
Deformable mirrors

Misalignment
BT Alignment

Misch metal
A pyrophoric alloy of cerium, lanthanum, neodymium, and other rare-earth metals.
BT Pyrophoric materials
Rare earth alloys+

Miscibility
(1-APR-1999)
BT Mixing
Solubility+

Miss distance
RT Circular error probable
BT Interception probabilities+

Miss distance indicators
use Firing error indicators

Missile site radar
BT Radar

Mission area analysis
(1-APR-1998)
BT Military publications+

Mission profiles
Graphic representation or sequential expression of the objectives to be achieved by a system in the process of accomplishing its mission.
RT Missions
BT Profiles

Missions
RT Mission profiles
NT Escort missions
Ferrying missions
Multimission
Space missions

Mississippi
BT United States+

Mississippi River
BT Rivers+

Missouri
BT United States+
NT Saint Louis(Missouri)

Missouri River
(1-JUN-1989)
BT Rivers+

Mist
BT Aerosols+

Mistakes
use Errors

Mites
UF Trombiculidae
BT Arachnida+
NT Trombiculid mites

Miticides
use Pesticides

Mitochondria
BT Cytoplasm+

Mitosis
BT Cell division+

Mittens
use Gloves

Mixed flow compressors
Compressors utilizing two or more types of flow, e.g., axial and radial.
BT Compressors+

Mixed layer(Marine)
(1-SEP-1981)
Layer above thermoclines. The layer of water which is mixed through wave action or thermohaline convection.

Mixer tubes
BT Electron tubes+
Mixers(Electronics)+

Mixers(Electronics)
BT Electronic equipment
NT Crystal mixers
Mixer tubes

Mixers(Mechanical)
RT Mixing
Mixtures
BT Machines

Mixing
RT Mixers(Mechanical)
Mixtures
NT Blending
Dissolving
Miscibility

Mixtures
UF Blends
RT Mixers(Mechanical)
Mixing
NT Incendiary mixtures+
Solutions(Mixtures)+

Miyagawanella
BT Chlamydiaceae+
NT Miyagawanella louisianae
Miyagawanella lymphogranulomatosis
Miyagawanella ornithosis
Miyagawanella psittaci

Miyagawanella louisianae
UF Meningopneumonitis virus
BT Miyagawanella+

Miyagawanella lymphogranulomatosis
UF Lymphogranuloma venerum virus

Miyagawanella lymphogranulomatosis (cont.)
RT Hodgkins disease
BT Miyagawanella+

Miyagawanella ornithosis
BT Miyagawanella+

Miyagawanella psittaci
BT Miyagawanella+

Mnemonics
BT Memory(Psychology)+

Mobile
Capable of being readily transported by animals or vehicles. For capability of being readily transported by a man, see Portable equipment.
RT Mobility

Mobility
RT Mobile
Mobilization
NT Carrier mobility
Electron mobility
Transportable

Mobilization
The act of assembling and making ready for use, as of military or industrial resources.
RT Mobility
NT Industrial mobilization

Mobs(Mathematics)
use Topology

Modal analysis
(1-APR-00)
RT Resonant frequency
Structural response
BT Dynamic response+
Vibration+

Mode locked lasers
BT Lasers+

Model basins
RT Model tests
BT Test facilities+

Model tests
RT Model basins
BT Test methods+

Model theory
BT Models
Theory

Models
NT Aircraft models
Anatomical models
Atmosphere models+

Models (cont.)
Brassboard models
Breadboard models
Dominance models
Earth models+
Flat plate models
Free fall models
Free flight models
Geologic models
Guided missile models
Harbor models
Hydraulic models
Input output models
Mathematical models+
Model theory
Nuclear models+
Ocean models
Prototypes+
Replicas
Rocket models
Scale models
Ship models+
Soil models
Torpedo models
Wind tunnel models

Modems
RT Multiplexing
BT Demodulators
Modulators

Modification
RT Modification kits
NT Ionospheric modification
Retrofitting
Weather modification+

Modification kits
RT Modification
BT Kits

Modular construction
BT Construction
NT Macromodules
Modular space construction

Modular space construction
BT Modular construction+

Modulation
RT Demodulation
Modulators
NT Amplitude modulation
Cross modulation
Frequency modulation+
Intermodulation
Noise modulation
Phase modulation
Pulse modulation+

Modulator tubes
use Modulators

Modulators
UF Modulator tubes
RT Demodulators
Modulation
NT Frequency modulators
Laser modulators
Light modulators+
Magnetic modulators
Modems

Modules(Electronics)
Packaged assemblies of wired components built to standardized sizes and having standardized plug-in or solderable terminations.
RT Electronics
BT Electronic equipment
NT Byte functional modules
Chips(Electronics)+
Plug in units

Modulus of elasticity
RT Stiffness
BT Elastic properties+
Shear properties+
NT Shear modulus

Modulus of elasticity in shear
use Shear modulus

Modulus of rigidity
use Shear modulus

Mohorovicic discontinuity
RT Seismology
BT Earth mantle+

Moire effects
RT Birefringence
BT Interferometry

Moisture
UF Moisture factors
RT Moisture content

Moisture content
UF Dryness
RT Moisture

Moisture factors
use Moisture

Moisture meters
use Hygrometers

Moisture resistance
use Moistureproofing

Moistureproofing
UF Moisture resistance
RT Waterproofing
BT Protective treatments+

Molding materials
RT Moldings
BT Materials

Molding techniques
RT Moldings
Molds(Forms)
BT Material forming+
NT Compression molding
Injection molding+

Moldings
RT Molding materials
Molding techniques
BT Structural components+

Moldova
(1-OCT-1994)
BT CIS+
Eastern Europe+

Molds(Forms)
RT Molding techniques
Templates
BT Structural components+

Molds(Organisms)
BT Plectomycetes+

Molectronics
use Molecular electronics

Molecular association
BT Molecular properties

Molecular beam epitaxy
(1-OCT-1995)
BT Epitaxial growth+

Molecular beams
BT Particle beams+

Molecular biology
BT Biology+
NT Transcription(Genetics)

Molecular complexes
BT Metal complexes+
Molecular structure+

Molecular configuration
use Molecular structure

Molecular dynamics
(1-APR-1999)
BT Molecular properties
Physical chemistry+

Molecular electronics
Control of the electronic functioning of materials by alteration of their structural or chemical characteristics.
UF Molectronics
Moltronics

Molecular electronics (cont.)
RT Langmuir Blodgett films
Microelectronics
BT Electronics

Molecular energy levels
BT Energy levels
Molecular properties

Molecular ions
BT Ions+
NT Dipolar ions

Molecular isomerism
UF Isomers(Molecular)
RT Isomers
BT Molecular properties

Molecular lasers
BT Lasers+

Molecular orbitals
BT Molecular structure+
NT Mindo molecular orbitals

Molecular properties
RT Molecules
NT Ionic strength
Molecular association
Molecular dynamics
Molecular energy levels
Molecular isomerism
Molecular rotation
Molecular structure+
Molecular vibration
Molecular weight
Molecule molecule interactions+

Molecular rotation
The arc through which a substance rotates the plane of polarized light.
UF Specific rotation
RT Molecular spectroscopy
BT Molecular properties

Molecular sieves
BT Absorbers(Materials)+

Molecular spectroscopy
RT Molecular rotation
Molecular vibration
BT Spectroscopy
NT Raman spectroscopy

Molecular states
BT Molecular structure+
NT Bose Einstein condensates

Molecular structure
UF Molecular configuration
BT Molecular properties
NT Molecular complexes
Molecular orbitals+
Molecular states+

Molecular structure (cont.)
Stereospecific polymers

Molecular vibration
RT Molecular spectroscopy
Vibrational spectra
BT Molecular properties
Vibration+

Molecular weight
BT Molecular properties

Molecule molecule interactions
BT Interactions
Molecular properties
NT Van der Waals forces

Molecules
RT Molecular properties
NT Biomolecules
Diatomic molecules
Macromolecules
Polyatomic molecules

Mollusca
RT Molluscacides
BT Invertebrates+
NT Cephalopoda+
Gastropoda+
Pelecypoda+

Molluscacides
RT Mollusca
BT Pesticides+

Molten salt nuclear reactors
UF Fused salts cooled reactors
BT Nuclear reactors

Molten salts
UF Fused salts
BT Salts+

Moltronics
use Molecular electronics

Molybdates
RT Molybdic acids
BT Molybdenum compounds+

Molybdenum
RT Molybdenum alloys
Molybdenum compounds
BT Refractory metals+
Transition metals+

Molybdenum alloys
UFC Molybdenum castings
RT Molybdenum
Molybdenum compounds
BT Refractory metal alloys+

Molybdenum castings
use all Castings
Molybdenum alloys

Molybdenum compounds
RT Molybdenum
Molybdenum alloys
BT Group VI compounds+
NT Molybdates
Molybdic acids

Molybdic acids
RT Molybdates
BT Inorganic acids+
Molybdenum compounds+

Moment of inertia
UF Inertia moments
RT Angular momentum
BT Inertia+
Moments

Moments
RT Momentum
NT Bending moments
Dipole moments
Electric moments+
Magnetic moments+
Method of moments
Moment of inertia
Nuclear moments+
Quadrupole moment
Torque

Momentum
RT Moments
NT Angular momentum
Momentum transfer

Momentum energy
use Kinetic energy

Momentum transfer
BT Momentum

Monaco
BT Western Europe+

Monazite
(1-JAN-1999)
Ores often containing rare earth and thorium compounds.
BT Ores(Metal sources)
Phosphates+
Rare earth compounds+

Monel metal
(1-JUN-1997)
BT Copper nickel alloys+

Money
UF Capital
Coins
Currency
RT Disbursements
Finance

Mongolia
(1-OCT-1998)
BT Far East+

Monitoring
RT Measurement
NT Ice reporting
Monitors+

Monitors
RT Analyzers
Measuring instruments
BT Monitoring
NT Radiation monitors

Monkey b virus
BT Herpetic viruses+

Monkeys
BT Primates+
NT Baboons
Macaque monkeys+
Owl monkeys
Squirrel monkeys

Monoamine oxidase
BT Oxidoreductases+

Monochromatic light
RT Monochromators
BT Light+

Monochromators
RT Monochromatic light
BT Measuring instruments+

Monoclonal antibodies
(1-JUN-1989)
Highly specific antibodies produced by hybridoma cells; the antibody binds with a single antigenic determinant.
RT Hybridomas
BT Antibodies

Monocoques
A type of construction, used primarily in aircraft, in which a thin shell bears stresses with little or no inner support.
BT Convex bodies+
Shells(Structural forms)+

Monocrystals
use Single crystals

Monocyclic compounds
BT Cyclic compounds+

Monocytes
BT Leukocytes+

Monofilaments
(1-JUN-1997)
RT Fibers

Monofilaments (cont.)
BT Filaments

Monoids
BT Groups(Mathematics)+

Monolithic structures(Electronics)
BT Structures

Monomers
RT Polymers
BT Chemical compounds

Monomolecular films
BT Films
NT Langmuir Blodgett films

Monopole antennas
UF Spike antennas
BT Omnidirectional antennas+
NT Whip antennas

Monopologs
use Game theory

Monopropellants
BT Liquid propellants+
NT Aluminized propellants

Monopulse radar
BT Radar

Monorail railways
BT Railroads+

Monosaccharides
BT Sugars+
NT Aldoses
Hexoses+
Pentoses+

Monostatic radar
BT Radar

Monotone functions
(1-SEP-1981)
A function which is either monotone nondecreasing or monotone nonincreasing.
BT Calculus+
Real variables+
Special functions(Mathematics)+

Monoxides
BT Oxides+
NT Carbon monoxide

Monsoons
BT Wind+

Montana
BT United States+

Monte Carlo method
BT Numerical analysis+
Statistical analysis+

Montenegro
(1-OCT-1994)
BT Yugoslavia+

Montmorillonite
BT Clay minerals+

Moon
RT Lunar crust
Lunar exploration
Lunar probes
Moonlight
BT Earth(Planet)+
Planetary satellites+

Moonlight
RT Moon
BT Low light levels+

Moored bodies
(1-DEC-1984)
A body secured by attaching it to a fixed object or a mooring buoy with chains or lines, or with anchors or other devices.
RT Mooring buoys

Moored mines
BT Underwater mines+

Mooring
Attaching firmly with cables, lines, or anchors, as of ships, aircraft, cargo, or structural members.
RT Anchors(Marine)
BT Attachment+

Mooring buoys
RT Moored bodies
BT Buoys+

Morale
RT Motivation
NT Awards

Morbidity
RT Mortality rate
BT Illness+
Rates

Morocco
BT North Africa+

Morphemes
BT Semantics+

Morphine
RT Narcotics
BT Opium alkaloids+
NT Heroin

Morphogenesis
BT Morphology(Biology)+

Morpholine
BT Nitrogen heterocyclic compounds+

Morphology
NT Geomorphology+
Morphology(Biology)+
Polymorphism

Morphology(Biology)
BT Growth(Physiology)+
Morphology
NT Morphogenesis

Morse code
RT Telecommunications
BT Coding+

Morse potential
BT Kinetic theory+

Morse theory
use Groups(Mathematics)

Mortality rate
UF Death rates
RT Morbidity
BT Death+
Rates

Mortar ammunition
UF Mortar shells
RT Mortars
BT Ammunition+

Mortar baseplates
use all Gun mounts
Mortars

Mortar fuzes
BT Fuzes(Ordnance)+

Mortar locator radar
RT Radar targets
BT Ordnance locators+
Radar

Mortar mounts
use all Gun mounts
Mortars

Mortar shells
use Mortar ammunition

Mortars
UFC Mortar baseplates
Mortar mounts
RT Mortar ammunition
BT Guns+

Mortars(Material)
BT Construction materials+
NT Grout
Portland cement

MOS(Semiconductors)
use Metal oxide semiconductors

Mosaic structures(Crystallography)
(1-JUN-1997)
A crystal structure in which neighboring regions are oriented differently.
BT Crystal structure+

Mosaics(Detectors)
BT Detectors

Mosaics(Light sensitive)

Mosfet semiconductors
RT Field effect transistors
BT Metal oxide semiconductors+

Mosquito borne diseases
RT Culicidae
West Nile virus
BT Arthropod borne diseases+
NT Dengue
Malaria+
Venezuelan equine encephalomyelitis
Venezuelan equine encephalomyelitis virus
Yellow fever

Mosquitoes
use Culicidae

Mossbauer effect
BT Gamma ray spectra+
Resonance radiation+

Mothproofing
RT Lepidoptera
BT Protective treatments+

Moths
use Lepidoptera

Motion
RT Convection
Motion sickness
NT Angular motion+
Atmospheric motion+
Brownian motion
Degrees of freedom
Drift
Ground motion
Oscillation+
Pitch(Motion)
Resonance+
Shaking
Shifting

Motion (cont.)
Ship motion
Slewing
Velocity+
Vibration+

Motion detectors
(1-APR-1998)
BT Intrusion detectors+

Motion equations
use Equations of motion

Motion picture cameras
UF Movie cameras
BT Cameras+

Motion picture film
BT Photographic film+

Motion picture photography
RT Motion picture projectors
BT Photography
NT Cinematography+
Cinephotomacrography
Cinephotomicrography

Motion picture projectors
RT Motion picture photography
BT Photographic projectors+
NT Sound motion picture projectors

Motion picture screens
BT Screens(Displays)+

Motion pictures
RT Sound motion picture projectors
BT Cinematography+
NT Combat films
Training films

Motion sickness
UF Air sickness
RT Motion
Nausea
Vertigo
BT Stress(Physiology)+

Motion sickness drugs
use Antiemetics

Motivation
UF Drives(Psychology)
Needs(Psychology)
RT Incentive contracts
Morale
BT Psychology+
NT Punishment+

Motor disorders
RT Motor neurons
BT Nervous system diseases+

Motor generators
BT Electric generators+
NT Dynamotors

Motor neurons
RT Motor disorders
Motor reactions
BT Nerve cells+

Motor reactions
RT Motor neurons
BT Psychophysiology+
Response(Biology)+
NT Peristalsis
Psychomotor function

Motor scooters
use Motorcycles

Motor starters
RT Motors

Motor torpedo boats
UF MTB
PT boats
RT Gun boats
BT Boats
Patrol craft+

Motor vehicle accidents
UF Traffic accidents
BT Accidents
NT Blowouts
Crashes

Motor vehicle operators
use Drivers(Personnel)

Motorcycles
UF Motor scooters
BT Passenger vehicles+

Motors
RT Motor starters
NT Electric motors+
Stepper motors
Torpedo motors+

Mountain climbing equipment
RT Mountains
BT Field equipment+

Mountains
RT Mountain climbing equipment
BT Landforms+
NT Appalachian Mountains
Rocky Mountains
Seamounts

Mounting brackets
RT Hangers
BT Mounts+
Structural components+

Mounts
RT Hangers
BT Supports+
NT Camera mounts
Engine mounts
Gun mounts
Mounting brackets
Sting mounts

Mouth
RT Oral health
BT Digestive system+
Face(Anatomy)+
NT Dental ridge
Gingivae
Salivary glands+
Teeth+
Tongue
Tonsils

Movable nozzles
UF Gimbaled nozzles
BT Nozzles

Movable rocket engines
BT Rocket engines+

Movie cameras
use Motion picture cameras

Moving contacts
use Sliding contacts

Moving target indicators
Radarscopes that distinguish between moving and fixed objects.
RT Moving targets
BT Display systems
Radar equipment+

Moving targets
RT Moving target indicators
BT Targets

Mozambique
BT East Africa+

MTB
use Motor torpedo boats

Mu mesons
use Muons

Mucin
BT Glycoproteins+
Mucus+

Mucoid
use Glycoproteins

Mucolytic enzymes
RT Mucus
BT Enzymes

Mucopolysaccharides
BT Polysaccharides+
NT Chondroitin
Sialic acids

Mucoproteins
use Glycoproteins

Mucous membranes
RT Mucus
BT Membranes(Biology)+

Mucus
RT Mucolytic enzymes
Mucous membranes
BT Body fluids+
NT Mucin

Mud
BT Soils

Mud deflectors
use Mud guards

Mud guards
UF Mud deflectors
BT Vehicle equipment+

Mufflers
RT Acoustic filters
BT Attenuators
Exhaust systems
NT Engine mufflers
Silencers(Ordnance)

Multiband spectral reconnaissance
BT Photographic reconnaissance+

Multibase propellants
BT Propellants
NT Double base propellants+

Multibursts
BT Explosions

Multichannel
NT Dual channel

Multichannel communications
BT Telecommunications+

Multichip modules
(1-APR-1998)
BT Chips(Electronics)+

Multiconductor cables
BT Cables

Multifuel engines
BT Engines

Multilaunching
RT Multimission
BT Launching

Multimeters
BT Measuring instruments+

Multimission
RT Multilaunching
Multimode
BT Missions
Multiple operation+

Multimode
RT Multimission
NT Dual mode

Multipath radar
BT Radar

Multipath transmission
BT Wave propagation+
NT Space diversity communications

Multiphase flow
BT Flow
NT Three phase flow
Two phase flow

Multiple access
RT Multiple operation
BT Access
NT Code division multiple access
Frequency division multiple access

Multiple beam antennas
RT Multiple beams(Radiation)
BT Antennas

Multiple beams(Radiation)
RT Multiple beam antennas
BT Beams(Radiation)

Multiple operation
RT Multiple access
Multipurpose
BT Operation
NT Multimission

Multiple quantum wells
(1-OCT-1998)
BT Quantum wells+

Multiple targets
(1-JUN-1989)
BT Targets

Multiplexing
RT Modems
NT Frequency division multiplexing
Time division multiplexing
Wavelength division multiplexing

Multiplication
BT Arithmetic+

Multiplication constant
use Multiplication factor

Multiplication factor
The ratio of the number of neutrons present in a reactor at a given time to the number present one finite lifetime earlier.
UF Multiplication constant
BT Reactor lattice parameters+

Multipliers(Converters)
use Frequency multipliers

Multipolarity
BT Nuclear properties
Polarity

Multiprocessors
RT Multiprogramming
BT Processing equipment

Multiprogramming
(1-JUN-1989)
The interleaved execution of two or more programs by a computer in which the central processing unit executes a few instructions from each program in succession.
RT Multiprocessors
BT Computer programming

Multipulse engines
RT Ramjet engines
BT Engines

Multipurpose
RT Multiple operation

Multipurpose missiles
BT Guided missiles

Multisensors
BT Detectors

Multispectral
BT Spectrum analysis

Multivariate analysis
BT Statistical analysis+

Multivibrators
BT Circuits+

Mumps virus
UF Parotitis
RT Parotid glands
BT Myxoviruses+

Municipalities
BT Communities+

Munitions
use Ordnance

Munitions industry
BT Defense industry+
Industries

Munroe charges
use Shaped charges

Muons
UF Mu mesons
BT Charged particles
Leptons+
Mesons+

Muramidase
UF Lysozyme
BT Glycoside hydrolases+

Murder
use Homicide

Murray valley encephalitis virus
BT Group B arboviruses+

Musca
BT Muscidae+

Muscarine
RT Nicotine
BT Alkaloids

Muscidae
UF Stable flies
BT Diptera+
NT Musca

Muscle fibers
RT Muscle proteins
BT Muscles+

Muscle proteins
UF Actin
Actomyosin
RT Muscle fibers
BT Globulins+
Proteins
Proteins(Conjugated)+

Muscle relaxants
BT Drugs
NT Antispasmodic agents
Skeletal muscle relaxants+

Muscles
UFC Muscular trauma
Myopathy
Spasm
BT Musculoskeletal system+
Tissues(Biology)
NT Ataxia
Biceps
Intercostal muscles
Muscle fibers
Myocardium

Muscular trauma
use all Muscles
Trauma

Musculoskeletal diseases
RT Musculoskeletal system
BT Diseases
NT Arthritis
Osteoporosis

Musculoskeletal system
RT Musculoskeletal diseases
BT Anatomy+
NT Cartilage
Joints(Anatomy)+
Ligaments
Muscles+
Pelvis
Skeleton+
Tendons

Museums
RT Artifacts
Culture
BT Buildings+

Music
UF Songs

Muskeg
BT Wetlands+

Muskhelishvili's theorem
use Complex variables

Muskrats
use Rodents

Mussel poisons
RT Mussels
BT Poisons+

Mussels
RT Mussel poisons
BT Pelecypoda+

Mustard agents
UF H agents
Mustard gas
UFC Mustard gas injuries
BT Vesicants+
NT HD agent
Nitrogen mustards

Mustard gas
use Mustard agents

Mustard gas injuries
use all Chemical warfare injuries
Mustard agents

Mutagens
RT Mutations
BT Drugs

Mutations
UFC Chromosome aberrations
RT Mutagens
BT Genetics+

Muzzle brakes
BT Gun barrel attachments+

Muzzle flash
BT Propellant flash+

Muzzle velocity
BT Velocity+

Mycobacteriaceae
BT Actinomycetales+
NT Mycobacterium+

Mycobacterium
BT Mycobacteriaceae+
NT Mycobacterium leprae
Mycobacterium tuberculosis

Mycobacterium leprae
BT Mycobacterium+

Mycobacterium tuberculosis
UF Tubercule bacilli
RT Tuberculosis
BT Mycobacterium+

Mycology
RT Fungi
BT Biology+

Mycoplasma
BT Mycoplasmataceae+
NT Pleuropneumonia like organisms

Mycoplasmataceae
BT Mycoplasmatales+
NT Mycoplasma+

Mycoplasmatales
BT Bacteria+
NT Mycoplasmataceae+

Mycotoxins
(1-SEP-1990)
Toxins produced by fungi.
RT Fungi
BT Toxins and antitoxins

Mydriatics
BT Drugs

Myeloma
(1-MAY-1983)
A malignant plasmacytoma; a primary tumor of the bone marrow composed of any of the bone marrow cell types.
RT Bone marrow
Hybridomas
BT Neoplasms+

Myocardial infarction
RT Heart
BT Infarction+
Pathology+

Myocardium
BT Heart+
Muscles+

Myoclonus
use Convulsive disorders

Myoglobin
use Hemoglobin

Myoglobulin
BT Globulins+

Myoneural junction
use Neuromuscular transmission

Myopathy
use all Muscles
Pathology

Myosin
BT Globulins+

Myxobacteriales
BT Bacteria+

Myxoviruses
BT Viruses+
NT Influenza virus
Mumps virus
Newcastle disease virus
Parainfluenza virus
Sendai virus
Swine influenza virus

N

N body problem
Theoretical studies of the effects of gravity on the interrelationships of three or more bodies in space.
UF Many-body problem
Three body problem
RT Celestial mechanics
Gravity

N heterocyclic compounds
use Nitrogen heterocyclic compounds

N type semiconductors
RT P type semiconductors
BT Semiconductors+

Nacelles
RT Aerodynamic configurations
NT Engine nacelles+

Nagana
use Trypanosoma

Nails(Fasteners)
RT Hammers
BT Fastenings

Nails(Tissues)
BT Integumentary system+
Tissues(Biology)
NT Fingernails

Name plates
use Labels

Nand gates
BT Logic circuits+

Nanostructures
(1-JUL-1999)
RT Nanotechnology

Nanotechnology
(1-OCT-1995)
RT Nanostructures
BT Microelectronics+
Micromechanics+

Napalm bombs
BT Firebombs+

Napelline
use Alkaloids

Naphthalenes
BT Aromatic hydrocarbons+

Narcosis
RT Narcotics
BT Pathology+

Narcotics
UF Codeine
Codeinone
RT Morphine
Narcosis
Opium alkaloids
Oripavine
BT Drugs
NT Heroin
Meperidine

Narragansett Bay
RT Block Island Sound
BT Bays+
Rhode Island+

Narrow beams(Radiation)
BT Beams(Radiation)
NT Pencil beams

Narrow gap semiconductors
BT Semiconductors+

Narrowband
BT Bandwidth
Frequency

Nasal sinuses
use Paranasal sinuses

Nasopharynx
use Throat

National defense
General concepts, including foreign relations, industrial planning, stockpiling of strategic materials, etc., that may be associated with a nation's defense strategy.
RT National security
BT Defense systems

National energy crisis
BT Emergencies

National Guard
BT Military reserves+

National security
RT National defense
Western security(International)
BT Security

National transportation system
BT Transportation

Nations
NT Developing nations
United Nations

Nato
RT NATO Forces
BT Military organizations+

NATO Forces
(1-JUL-1999)
RT Nato
BT Joint military activities+
Military Forces(Foreign)+

Natural disasters
(1-APR-1998)
BT Disasters+

Natural frequency
use Resonant frequency

Natural gas
RT Natural resources
BT Fuels
Petroleum products+
NT Liquefied natural gas

Natural history
BT History+

Natural killer cells
use Lymphocytes

Natural language
BT Language+

Natural radioactivity
RT Radioactive decay
BT Radioactivity

Natural resources
RT Crude oil
Natural gas
Ores(Metal sources)
Ores(Nonmetallic)
BT Resources

Natural rubber
BT Rubber+

Nausea
RT Antiemetics
Motion sickness
BT Gastrointestinal diseases+

Nautical

Naval Academy
use United States Naval Academy

Naval air stations
BT Naval shore facilities+
Stations+

Naval aircraft
RT Naval aviation
BT Military aircraft+
NT Carrier based aircraft

Naval architecture
UF Ship design
RT Marine architects
BT Marine engineering+

Naval aviation
RT Naval aircraft
BT Aeronautics

Naval battles
use Naval warfare

Naval budgets
BT Military budgets+

Naval engineering
use Marine engineering

Naval equipment
BT Military equipment+
Naval logistics+
NT Coast Guard equipment

Naval gunnery
RT Naval guns
BT Gunnery

Naval guns
RT Naval gunnery
BT Guns+

Naval intelligence
BT Military intelligence+

Naval logistics
RT Submarine bases
BT Logistics
NT Naval equipment+

Naval medicine
use all Military medicine
Navy

Naval mine warfare
RT Naval mines
BT Mine warfare+
Naval warfare+

Naval mines
UF Sea mines
RT Naval mine warfare
BT Mines(Ordnance)+
NT Antisweep mines
Towed mines
Underwater mines+

Naval operations
RT Naval planning
Naval warfare
BT Military operations
NT Fleet exercises

Naval personnel
UF Sailors
BT Military personnel+
NT Seabees
Sonar personnel
Submarine personnel

Naval planning
RT Naval operations
BT Military planning+

Naval procurement
BT Military procurement+

Naval publications
use all Military publications
Navy

Naval research
RT Naval research laboratories
BT Military research

Naval research laboratories
RT Naval research
BT Laboratories+
Naval shore facilities+

Naval shore establishments
use Naval shore facilities

Naval shore facilities
UF Naval shore establishments
Naval stations
BT Military facilities+
NT Naval air stations
Naval research laboratories

Naval stations
use Naval shore facilities

Naval tactical data system
BT Tactical data systems+

Naval training
BT Military training+

Naval vessels
BT Ships
NT Naval vessels(Combatant)+
Naval vessels(Support)+
Yard craft

Naval vessels(Combatant)
(1-DEC-1984)
Naval vessels (ships) whose main function is combat with the enemy.
UF Combatant ships
BT Naval vessels+
NT Aircraft carriers
Amphibious ships+
Battleships
Cruisers
Destroyers
Escort ships+
Frigates
Guided missile ships
Landing craft
Minelayers
Minesweepers+
Patrol craft+
Picket ships
Sea control ships
Submarine chasers
Submarines+

Naval vessels(Support)
(1-DEC-1984)
Naval vessels (ships) whose main function is noncombatant services and support of naval operations.
BT Naval vessels+
NT Submarine rescue vessels
Tanker ships
Tenders(Vessels)
Transport ships

Naval warfare
(1-DEC-1984)
Military operations by naval ships of combat.
UF Naval battles
RT Naval operations
BT Warfare
NT Antiship warfare
Naval warfare (cont.)
Naval mine warfare

Navier Stokes equations
BT Equations of motion+
Partial differential equations+

Navigation
RT Guidance
NT Acoustic navigation
Air navigation+
Autonomous navigation
Celestial navigation
Collision avoidance
Dead reckoning
Doppler navigation
Inertial navigation
Magnetic navigation
Navigation reference
Navigational aids+
Position finding+
Proportional navigation
Radar navigation
Radio navigation+
Seakeeping
Space navigation
Surface navigation
Terrain avoidance
Terrain following
Underwater navigation

Navigation charts
UFC LORAN charts
BT Maps
Navigational aids+

Navigation computers
BT Computers+
Navigational aids+

Navigation reference
BT Navigation

Navigation satellites
RT Geodetic satellites
BT Artificial satellites+
Navigational aids+

Navigational aids
BT Navigation
NT Altimeters+
Approach indicators
Beacons+
Compasses+
Course indicators+
Driftmeters
Flight speed indicators+
Fog signals
Ground position indicators
Horizontal indicators
Lightships
Navigation charts
Navigation computers
Navigation satellites
Navigational lights+
Navigational aids (cont.)
Sextants+
Vertical indicators+
Yawmeters

Navigational lights
BT Navigational aids+
Signal lights+
NT Approach lights
Beacon lights
Lighthouses
Marker lights

Navigator bombardiers
RT Navigators
BT Aviation personnel+

Navigators
RT Navigator bombardiers
BT Personnel

Navy
UF Navy Department
UFC Naval medicine
Naval publications
BT Military Forces(United States)+

Navy Department
use Navy

NBC collective protection
use Collective protection

Near field
RT Far field

Near infrared radiation
BT Infrared radiation+

Near net shape forming
(1-OCT-1998)
Technique used for the efficient fabrication of ceramic castings.
RT Spray forming
BT Casting+

Near ultraviolet radiation
BT Ultraviolet radiation+

Nebraska
BT United States+

Nebulae
RT Galaxies
BT Astronomical bodies+

Nebulization
use Atomization

Neck(Anatomy)
RT Spinal column
BT Anatomy+
Joints(Anatomy)+

Necrosis
UFC Arteriolonecrosis
BT Pathology+

Needle bearings
BT Roller bearings+

Needles
RT Pins

Needs(Psychology)
use Motivation

Neel temperature
RT Phase transformations
BT Magnetic properties+
Temperature

Negative protons
use Antiprotons

Negative resistance circuits
BT Circuits+

Negative thrust
use Thrust reversal

Negotiations
(1-SEP-1990)
Mutual discussions aiming at agreement; parley; conference.
RT Agreements
NT Arbitration
Bargaining
Mediation
Political negotiations

Negroes
use Blacks(Racial group)

Neisseria
UF Neisseria catarrhalis
BT Neisseriaceae+
NT Neisseria gonorrhoeae
Neisseria meningitidis

Neisseria catarrhalis
use Neisseria

Neisseria gonorrhoeae
UF Gonococcus
RT Gonorrhea
BT Neisseria+

Neisseria meningitidis
UF Meningococcus
RT Meningitis
BT Neisseria+

Neisseriaceae
BT Eubacteriales+
NT Neisseria+
Veillonella+

Nekton
BT Plankton+

Nematoda
RT Hookworm disease
BT Parasites+
Worms+
NT Ancylostoma
Ascaris
Enterobius
Filariae
Meloidogyne
Syphacia
Trichinella
Trichuris
Wuchereria

Neodymium
RT Neodymium alloys
Neodymium compounds
BT Rare earth elements+

Neodymium alloys
RT Neodymium
Neodymium compounds
BT Alloys

Neodymium compounds
RT Neodymium
Neodymium alloys
BT Rare earth compounds+

Neodymium lasers
BT Glass lasers+

Neomycins
BT Antibiotics+

Neon
BT Rare gases+

Neon helium lasers
use Helium neon lasers

Neon tubes
BT Cold cathode tubes+
Discharge tubes+

Neoplasms
Abnormal new growths of cells or tissues benign or malignant that persist and grow independently of their surrounding structures and have no physiological use. For all studies limited to malignant neoplasms, see Cancer.
UF Tumors
UFC Brain tumors
Cushing's disease
RT Antineoplastic agents
BT Diseases
NT Cancer+
Cysts+
Endometriosis
Intracranial neoplasms
Neoplasms (cont.)
Lymphomas+
Myeloma
Sarcoma+

Neoprene
BT Chloroprenes+
Synthetic rubber+

Neostigmine
use Parasympathomimetic agents

Nepal
BT Far East+

Nephelometers
BT Comparators+
Optical instruments+

Nephrectomy
use all Excision
Kidneys

Nephritis
BT Kidney diseases+

Nephrolithiasis
use all Calculi
Urinary system

Neptune(Planet)
BT Outer planets+

Neptunium
RT Neptunium compounds
BT Actinide series+
Transuranium elements+

Neptunium compounds
RT Neptunium
BT Transuranium compounds+

Nerve agents
BT Antipersonnel agents+
NT G agents+
V agents+

Nerve blocking
RT Nerves
BT Neurophysiology+

Nerve cells
UF Neuroglia
Neurons
BT Cells(Biology)+
Nerves+
NT Astrocytes
Axons
Motor neurons
Neuroblasts
Receptor sites(Physiology)

Nerve fibers
BT Nerves+
NT Axon plasma

Nerve impulses
RT Nerve transmission
BT Bioelectricity+

Nerve transmission
RT Nerve impulses
Neurotransmitters
BT Nerves+

Nerves
UF Trigeminal nerve
UFC Neuralgia
RT Nerve blocking
BT Nervous system+
Tissues(Biology)
NT Cochlear nerve
Nerve cells+
Nerve fibers+
Nerve transmission
Neural nets
Phrenic nerves
Sciatic nerve
Sympathetic nervous system

Nervous system
RT Neurobiology
BT Anatomy+
NT Autonomic nervous system+
Central nervous system+
Ganglia
Nerves+
Peripheral nervous system+

Nervous system diseases
BT Diseases
NT Convulsive disorders+
Encephalitis+
Meningitis+
Mental disorders+
Motor disorders
Optic neuritis
Peripheral neuropathy

Nesting(Animals)
BT Behavior+

Netherlands
UF Holland
BT European communities+
Western Europe+

Nets
UFC Antisubmarine nets
BT Fabrics+
NT Cargo nets

Network analysis(Management)
RT Equivalent circuits
BT Management planning and control+
NT Critical path methods

Network architecture
(1-APR-1999)
BT Computer networks+

Network flows
BT Operations research+

Network topology
(1-OCT-1999)
RT Topology
BT Computer networks+

Networks
NT Circuits+
Communications networks+
Computer networks+
Electrical networks+
Microwave networks
Neural nets
Satellite networks
Video networks

Neural nets
RT Cybernetics
Sensor fusion
BT Nerves+
Networks

Neural particle beams
(1-APR-1999)
BT Particle beams+

Neuralgia
use all Nerves
Pain

Neuraminic acid
BT Carboxylic acids+

Neuristors
RT Bionics
BT Semiconductor devices+

Neurobiology
(1-MAY-1983)
Biology of the nervous system.
RT Nervous system
BT Biology+

Neuroblastoma
(1-MAY-1983)
A malignant neoplasm composed of primitive neuroectodermal cells, originally in any site in the autonomic nervous system, most commonly in the adrenal medulla of children.
UF Sympathicoblastoma
RT Neuroblasts
BT Sarcoma+

Neuroblasts
RT Neuroblastoma
BT Nerve cells+

Neurochemical coding
BT Coding+
Neurochemistry+

Neurochemical transmission
RT Neurotransmitters
BT Physiology

Neurochemistry
BT Biochemistry+
NT Neurochemical coding
Neurotransmitters+

Neurocirculatory asthenia
BT Pathology+

Neuroglia
use Nerve cells

Neurology
UFC Neuropsychiatry
BT Internal medicine+
NT Neurophysiology+

Neuromuscular blocking agents
use Skeletal muscle relaxants

Neuromuscular transmission
UF Myoneural junction
RT Cholinesterase
Peripheral nervous system
BT Physiology
NT Synapse

Neurons
use Nerve cells

Neurophysiology
(1-NOV-1980)
Physiology of the nervous system.
RT Ganglia
BT Neurology+
Physiology
NT Nerve blocking

Neuropsychiatry
use all Neurology
Psychiatry

Neuroses
Emotional maladaptations due to unresolved unconscious conflicts, usually less severe than psychoses with minimal loss of contact with reality.
UF Combat fatigue
Psychoneuroses
RT Fear
Psychoses
BT Mental disorders+
NT Anorexia

Neurospora
BT Pyrenomycetes+

Neurotendinous spindles
use End organs

Neurotoxins
(1-JUN-1989)
Substances that are poisonous or destructive to nerve tissue; especially an exotoxin which is characterized by a marked affinity for nerve tissue and which produces a fatty degeneration in the myelin sheath of peripheral nerves, in the white substance of the brain and spinal chord and in certain other tissues such as heart muscle.
BT Toxins and antitoxins

Neurotransmitters
(1-SEP-1990)
Substances (norepinephrine, acetylcholine, dopamine, etc.) that are released from the axon terminal of a presynaptic neuron on excitation, and that travel across the synaptic cleft to either excite or inhibit target cells.
UF Transmitter substance
RT Axons
Nerve transmission
Neurochemical transmission
BT Neurochemistry+
NT Endorphins

Neutral
RT Neutralization

Neutral particle beams
(1-APR-1999)
BT Particle beams+

Neutral point
use Center of gravity

Neutralization
RT Neutral
BT Chemical reactions+

Neutrinos
BT Corpuscular radiation+
Leptons+

Neutron absorbers
RT Neutron absorption
BT Reactor materials+
NT Reactor poisons+

Neutron absorption
RT Neutron absorbers
BT Neutron reactions+
NT Neutron activation

Neutron activation
BT Activation
Neutron absorption+

Neutron age
UF Age-diffusion equation
RT Neutron lifetime
BT Reactor lattice parameters+

Neutron beams
BT Corpuscular radiation+
Particle beams+

Neutron bombardment
use Neutron irradiation

Neutron capture
RT Neutron capture gamma rays
BT Neutron reactions+

Neutron capture gamma rays
RT Neutron capture
BT Gamma rays+

Neutron counters
RT Neutron spectrometers
BT Neutron detectors+
Particle counters+

Neutron cross sections
UF Fission cross section
BT Nuclear cross sections+

Neutron crystal spectrometers
use Nuclear radiation spectrometers

Neutron detectors
BT Radiation measuring instruments+
NT Neutron counters

Neutron diffraction
BT Diffraction

Neutron diffusion theory
use Neutron transport theory

Neutron flux
BT Particle flux+
Reactor lattice parameters+

Neutron irradiation
UF Neutron bombardment
BT Irradiation+

Neutron lifetime
The average time between the birth and death of a neutron, e.g., the lifetime of a thermal neutron is the mean time between thermalization and when it disappears by absorption or escape from a reactor.
RT Neutron age
BT Reactor lattice parameters+

Neutron multiplication factor
BT Reactor theory

Neutron radiography
RT Neutron reactions
BT Radiography+

Neutron reactions
RT Neutron radiography
BT Nuclear reactions
NT Fission
Neutron absorption+
Neutron capture
Neutron scattering

Neutron scattering
BT Neutron reactions+
Nuclear scattering+

Neutron spectrometers
RT Neutron counters
Neutron spectrum
BT Nuclear radiation spectrometers+

Neutron spectrum
RT Neutron spectrometers
BT Particle spectra+

Neutron stars
(1-OCT-1994)
BT Stars+
NT Black holes

Neutron transport theory
UF Neutron diffusion theory
BT Reactor theory

Neutrons
BT Nucleons+
NT Fast neutrons
Fission neutrons+
Thermal neutrons

Nevada
BT United States+

New Brunswick
BT Canada+

New England
BT United States+
NT Connecticut
Maine
Massachusetts
New Hampshire
Rhode Island+
Vermont

New Guinea
BT Melanesia+
Southeast Asia+

New Hampshire
BT New England+

New Jersey
BT United States+

New Mexico
BT United States+

New York
BT United States+
NT New York(New York)

New York(New York)
BT New York+
Urban areas+

New Zealand
BT Polynesia+

Newborn
use Infants

Newcastle disease virus
BT Myxoviruses+

Newfoundland
use Newfoundland(Province)

Newfoundland(Province)
UF Labrador
Newfoundland
BT Canada+

Newman's function
use Special functions(Mathematics)

Newspapers
RT Journalism
BT Documents
Periodicals+

Newton-Raphson method
use Numerical methods and procedures

Newts
use Amphibians

Nicaragua
BT Central America+

Nickel
RT Nickel alloys
Nickel compounds
BT Transition metals+

Nickel alloy inconel
BT Nickel alloys+

Nickel alloys
RT Nickel
Nickel compounds
BT Alloys
NT Copper nickel alloys+
Nickel alloy inconel
Nickel intermetallics+
Nickel steels

Nickel aluminide
(1-OCT-1998)
BT Aluminides+
Nickel intermetallics+

Nickel cadmium batteries
UF Cadmium nickel batteries
BT Alkaline batteries+
Storage batteries+

Nickel compounds
RT Nickel
Nickel alloys
BT Group VIII compounds+
NT Nickelates

Nickel intermetallics
BT Intermetallic compounds+
Nickel alloys+
NT Nickel aluminide

Nickel steels
BT Nickel alloys+
Steel+

Nickelates
BT Nickel compounds+

Nicotine
RT Muscarine
BT Alkaloids

Nicotinic acid
BT Acids+
Heterocyclic compounds+
Vitamin B complex+
NT Arecoline

Nigeria
BT Subsaharan Africa+
West Africa+

Night
RT Day
BT Darkness

Night bombing
BT Bombing+

Night flight
RT Night landings
BT Flight

Night landings
RT Night flight
BT Aircraft landings+

Night photography
BT Photography

Night reconnaissance
BT Reconnaissance+

Night sights
BT Night vision devices+
Sights+

Night sky
BT Sky+

Night vision
RT Dark adaptation
Night vision devices
BT Vision+

Night vision devices
RT Night vision
BT Optical equipment
NT Night sights

Night warfare
BT Warfare

Nim
use Game theory

Nimbostratus clouds
BT Clouds+

Niobates
BT Niobium compounds+
NT Lithium niobates

Niobium
UF Columbium
RT Niobium alloys
Niobium compounds
BT Refractory metals+
Transition metals+

Niobium alloys
RT Niobium
Niobium compounds
BT Refractory metal alloys+

Niobium compounds
RT Niobium
Niobium alloys
BT Group V compounds+
NT Niobates+

Nitramines
BT Amines+

Nitrates
RT Nitric acid
BT Nitrogen compounds+
NT Ammonium nitrate+
Glycidyl nitrate
Guanidine nitrates
Sodium nitrates
Tetraethylene pentamine nitrate

Nitration
UF Denitration
BT Chemical reactions+

Nitric acid
RT Nitrates
Nitrification
BT Inorganic acids+

Nitrides
RT Nitriding
BT Nitrogen compounds+
NT Aluminum nitrides
Boron nitrides
Gallium nitrides
Oxynitrides
Silicon nitrides

Nitriding
(1-MAY-1983)
Surface hardening of steel by formation of nitrides; nitrogen is introduced into the steel usually by heating in gaseous ammonia.
RT Nitrides
BT Hardening
Heat treatment

Nitrification
Formation of nitrous and nitric acid or salts by oxidation of nitrogen in ammonia; specifically, oxidation of ammonium salts to nitrites and oxidation of nitrites to nitrates by certain bacteria.
RT Nitric acid
BT Chemical reactions+

Nitrile rubber
UF Acrylonitrile rubber
BT Synthetic rubber+

Nitriles
BT Organic nitrogen compounds+
NT Acetonitrile
Benzonitriles
Cyanogen
Propionitrile

Nitrites
BT Nitrogen compounds+
NT Ethyl nitrite
Sodium nitrite

Nitro radicals
BT Chemical radicals+

Nitrobacter
A genus of short rod-shaped (often wedge-or-pear-shaped) bacteria in the family nitrobacteraceae; cells oxidize nitrites to nitrates.
BT Bacteria+
Pseudomonadales+

Nitrobenzenes
BT Benzene+

Nitrocellulose
UF Cellulose nitrate
BT Cellulose esters+

Nitroethane
(1-MAY-1983)
A colorless liquid, slightly soluble in water; boils at 114 degrees C; used as a solvent for cellulosics, resins, waxes, fats, and dye stuffs, and as a chemical intermediate.

Nitrofluorination
BT Chemical reactions+

Nitrogen
RT Nitrogen compounds
BT Nonmetals+
NT Liquid nitrogen

Nitrogen compounds
RT Nitrogen
BT Group V compounds+
NT Ammonia+
Azides+
Hydrazones
Nitrates+
Nitrides+
Nitrites+
Nitrogen oxides+
Organic nitrogen compounds+

Nitrogen dioxide
(1-JUN-1989)
BT Dioxides+
Nitrogen oxides+

Nitrogen heterocyclic compounds
UF N heterocyclic compounds
BT Heterocyclic compounds+
Organic nitrogen compounds+
NT Atropine
Azoles+
Cyclophosphamide
Diazinon
Indoles+
Melamines
Methotrexate
Morpholine
Phosphazene
Primaquine
Purines+
Pyrimidines+
Quinine
Quinolines+
Thiazoles

Nitrogen lasers
BT Gas lasers+

Nitrogen mustards
BT Mustard agents+

Nitrogen oxides
BT Nitrogen compounds+
Oxides+
NT Nitrogen dioxide
Nitrous oxide

Nitroglycerin
UF Glyceryl nitrate
Glyceryl trinitrate
Nitroglycerol
Nitroleum
RT Dynamite
Glycerols
BT Esters+
Explosives

Nitroglycerol
use Nitroglycerin

Nitroguanidine
UF Picrite
RT Solid propellants
BT Guanidines+

Nitroleum
use Nitroglycerin

Nitromethane
BT Methanes+

Nitronium perchlorate
BT Perchlorates+

Nitrophenols
BT Phenols+
NT Styphnates

Nitrosamines
BT Amines+

Nitroso compounds
BT Organic nitrogen compounds+

Nitrotoluenes
RT Pentolite
BT Toluenes+
NT Amatol
DNT
TNT

Nitrous oxide
BT Nitrogen oxides+

Nobelium
RT Nobelium compounds
BT Actinide series+
Transuranium elements+

Nobelium compounds
RT Nobelium
BT Transuranium compounds+

Nocardia
BT Actinomycetaceae+

Noctilucent clouds
BT Clouds+

Nocturnal animals
BT Animals

Nodes

Noise
NT Ambient noise+
Gaussian noise
Impulse noise
Low noise
Noise(Electrical and electromagnetic)+
Noise(Radio)
Noise(Sound)+
Radiated noise
White noise

Noise(Electrical and electromagnetic)
RT Noise generators
Radiofrequency interference
BT Noise
NT Noise(Radar)
Noise(Radio)

Noise(Radar)
Undesired electrical or electronic disturbances originating within radar equipment, as from faulty components. For disturbances originating from external sources, see Radar interference.
UF Radar noise
RT Radar interference
BT Noise(Electrical and electromagnetic)+
Radar

Noise(Radio)
Undesired electrical or electronic disturbances originating within radio equipment, as from faulty components. For disturbances originating from external sources, see Radio interference.
UF Radio noise
RT Radio interference
BT Noise
Noise(Electrical and electromagnetic)+

Noise(Sound)
RT Noise pollution
BT Noise
Sound+
NT Aerodynamic noise+
Aircraft noise+
Cavitation noise
Combat noise
Engine noise+
Flow noise
Industrial noise+
Noise(Sound) (cont.)
Marine biological noise
Propeller noise
Quiet
Self noise
Ship noise
Submarine noise
Torpedo noise

Noise analyzers
Devices that detect or locate internally-produced noise in electronic equipment.
RT Noise generators
BT Analyzers
Test equipment

Noise generators
RT Noise(Electrical and electromagnetic)
Noise analyzers
Sound generators
BT Signal generators+

Noise jammers
BT Noise jamming+

Noise jamming
BT Jamming+
NT Noise jammers

Noise modulation
BT Modulation

Noise pollution
RT Noise(Sound)
BT Pollution+

Noise reduction
RT Acoustic absorption
Acoustic insulation
Ear protectors
Silencers(Ordnance)
BT Reduction
NT Squelch

Nomographs
BT Numerical analysis+

Non abelian cohomology
use Algebraic topology

Nonane
RT Nonyl radicals
BT Alkanes+

Nonaqueous electrolytes
BT Electrolytes+

Noncombatant
(1-NOV-1980)
Not usually engaged in or assigned to combat duties.
BT Personnel

Noncombustible materials
use Fire resistant materials

Noncommissioned officers
(1-MAY-1983)
An enlisted man holding a grade above that of Private First Class but below that of Warrant Officer.
BT Enlisted personnel+

Nonconvex programming
BT Mathematical programming+

Nondestructive testing
BT Test methods+

Nonequilibrium flow
RT Unsteady flow
BT Gas flow+

Nonflammable materials
use Fire resistant materials

Nonleakage probability
BT Reactor lattice parameters+

Nonlethal agents
Agents designed to render personnel temporarily incapable of retaliation, but to produce no permanent injury. May also be used for training purposes.
RT Nonlethal weapons
BT Chemical warfare agents+
NT Choking agents
Incapacitating agents+
Vomiting agents

Nonlethal weapons
(1-JAN-1999)
RT Nonlethal agents
BT Weapons+

Nonlinear algebraic equations
RT Linear algebraic equations
Nonlinear differential equations
BT Algebra+
NT Quadratic equations
Quartic equations

Nonlinear analysis
BT Mathematical analysis+
NT Nonlinear propagation analysis

Nonlinear differential equations
UF Duffing type non-linear wave equation
Growth equation
Lienard equation
Painleve equation
Painleve transcendents
RT Linear differential equations
Nonlinear algebraic equations
BT Differential equations+
NT Lyapunov functions

Nonlinear optics
(1-SEP-1990)
The study of the interaction of radiation with matter in which certain variables describing the response of the matter (such as polarization or power absorption) are not proportional to variables describing the radiation (such as electric field strength or energy flux).
RT Langmuir Blodgett films
BT Optics
NT Birefringence

Nonlinear programming
BT Mathematical programming+

Nonlinear propagation analysis
(1-MAY-1981)
BT Nonlinear analysis+
Propagation

Nonlinear systems
Theoretical systems having outputs that do not vary linearly with inputs.
RT Linear systems

Nonmetallic compounds
RT Nonmetals
BT Chemical compounds
NT Arsenic compounds+
Astatine compounds
Boron compounds+
Phosphorus compounds+
Selenium compounds+
Silicon compounds+
Tellurium compounds+

Nonmetals
RT Nonmetallic compounds
BT Chemical elements
NT Carbon+
Halogens+
Hydrogen+
Metalloids+
Nitrogen+
Oxygen+
Phosphorus+
Rare gases+
Selenium
Sulfur

Nonnewtonian fluids
BT Fluids

Nonparametric statistics
BT Statistical analysis+

Nonperiodic variations
BT Variations

Nonplanar

Nonpowered flight
BT Flight

Nonreflecting coatings
BT Antireflection coatings+

Nonsequential

Nonskid materials
BT Materials

Nonstandard parts
BT Parts

Nonuniform

Nonuniform flow
BT Fluid flow+

Nonvolatile memories
BT Memory devices+

Nonyl radicals
RT Nonane
BT Alkyl radicals+

Nor gates
BT Logic circuits+

Noradrenalin
use Norepinephrine

Norcarane
BT Cyclic compounds+
Hydrocarbons+

Norepinephrine
UF Arterenol
Levarterenol
Noradrenalin
BT Epinephrine+

Norgine
use Alginic acid

Norlund methods
use Series(Mathematics)

Norlune means
use Series(Mathematics)

Normal density functions
BT Functions(Mathematics)+

Normal distribution
BT Distribution functions+

Normality
BT Statistical analysis+
NT Asymptotic normality

Normalizing(Statistics)
BT Statistics+

North(Direction)
BT Orientation(Direction)

North Africa
BT Africa+
NT Algeria
Egypt+
Libya
Morocco
Tunisia

North America
BT Geographic areas
NT Canada+
Central America+
United States+
West Indies+

North Atlantic current
(1-MAY-1983)
A wide, slow-moving continuation of the Gulf Stream originating in the region east of the Grand Banks of Newfoundland.
BT Ocean currents+

North Atlantic Ocean
BT Atlantic Ocean+
NT Baffin Bay
Greenland Sea
Labrador Sea
North Sea
Norwegian Sea
Sargasso Sea
Tongue of the Ocean

North Carolina
BT United States+
NT Cape Hatteras

North Dakota
BT United States+
NT Grand Forks

North Korea
BT Communist countries+
Korea+

North Pacific Ocean
BT Pacific Ocean+
NT Bering Sea
East China Sea+
Japan Sea
Okhotsk Sea
Philippine Sea
South China Sea+

North Sea
BT North Atlantic Ocean+

North Vietnam
BT Communist countries+
Vietnam+

Northeast Asia
BT Asia+
NT Siberia+

Northern Europe
BT Europe+

Northern Hemisphere
BT Geographic areas

Northwest Territories
BT Canada+
NT Queen Elizabeth Islands+

Norway
BT Western Europe+

Norwegian language
(1-JUN-1989)
BT Foreign languages+

Norwegian Sea
BT North Atlantic Ocean+

Nose(Anatomy)
RT Paranasal sinuses
Rhinology
Smell
BT Face(Anatomy)+
Noses
Respiratory system+

Nose caps
BT Noses

Nose cones
RT Rocket noses
BT Guided missile components+
Noses

Nose fuzes
UFC Bomb nose fuzes
BT Fuzes(Ordnance)+

Nose tips
BT Noses

Nose wheels
RT Aircraft noses
BT Landing gear+
Wheels

Noses
NT Aircraft noses
Nose(Anatomy)
Nose caps
Nose cones
Nose tips
Rocket noses

Notch effect
use Notch sensitivity

Notch filters
(1-JUN-1989)
Band rejection filters that produce a sharp notch in the frequency response curve of a system.
BT Bandstop filters+

Notch sensitivity
UF Notch effect
RT Fatigue(Mechanics)
BT Mechanical properties+
Sensitivity

Notch toughness
BT Mechanical properties+

Nova Scotia
BT Canada+

Novae
BT Variable stars+
NT Supernovae

Novocaine
use Local anesthetics

Nozzle area ratio
BT Nozzles
Ratios

Nozzle cap assemblies
use Nozzle closures

Nozzle closures
UF Nozzle cap assemblies
Nozzle diaphragms
BT Closures
NT Rocket closure cups

Nozzle clusters
BT Nozzles

Nozzle diaphragms
use Nozzle closures

Nozzle gas flow
BT Gas flow+

Nozzle inserts
BT Nozzle throats+
Nozzles

Nozzle throats
BT Nozzles
Throats(Equipment)
NT Nozzle inserts

Nozzleless rocket engines
BT Rocket engines+

Nozzles
UF Outlets(Nozzles)
NT Annular nozzles
Bell nozzles
Canted nozzles
Conical nozzles
Convergent divergent nozzles
Double expansion nozzles
Exhaust nozzles+
Fuel nozzles
Gas turbine nozzles
Hypersonic nozzles
Laval nozzles
Movable nozzles
Nozzle area ratio
Nozzle clusters
Nozzle inserts
Nozzle throats+
Plug nozzles
Ramjet engine nozzles
Spray nozzles
Subsonic nozzles
Supersonic nozzles
Transonic nozzles
Unconventional nozzles
Variable area nozzles
Wind tunnel nozzles

Nuclear batteries
use Radioisotope batteries

Nuclear binding energy
BT Nuclear structure+
NT Nuclear forces(Physics)

Nuclear biological chemical collective defense
use Collective protection

Nuclear bombs
UF Atomic bombs
H bombs
Hydrogen bombs
BT Bombs+
Nuclear weapons+

Nuclear clouds
RT Nuclear weapon debris
BT Nuclear explosions+

Nuclear cross sections
UF Cross sections(Nuclear)
BT Cross sections
Nuclear properties
NT Absorption cross sections+
Alpha cross sections
Deuteron cross sections
Electron nuclear cross sections
Gamma ray cross sections
Meson cross sections
Neutron cross sections
Photon cross sections
Proton cross sections
Scattering cross sections+

Nuclear electric dipole moments
use all Dipole moments
Nuclear electric moments

Nuclear electric moments
UFC Nuclear electric dipole moments
Nuclear electric quadrupole moments
BT Electric moments+

Nuclear electric quadrupole moments
use all Nuclear electric moments
Quadrupole moment

Nuclear energy
UF Atomic energy
BT Energy

Nuclear energy levels
UF Nuclear states
BT Energy levels
Nuclear structure+

Nuclear engineering
UF Atomic energy engineering
BT Engineering
NT SNAP technology

Nuclear explosion damage
UF Atomic bomb damage
RT Nuclear explosions
BT Damage

Nuclear explosion detection
(1-SEP-1981)
Detection of explosion of a nuclear weapon.
RT Nuclear explosions
BT Explosives detection+

Nuclear explosion simulation
RT Nuclear explosions
BT Simulation

Nuclear explosion testing
UF Atomic bomb tests
RT Nuclear explosions
BT Test methods+

Nuclear explosions
UF Atomic bomb explosions
Atomic explosions
Hydrogen bomb explosions
RT Nuclear explosion damage
Nuclear explosion detection
Nuclear explosion simulation
Nuclear explosion testing
BT Explosions
NT Nuclear clouds
Nuclear fireball

Nuclear fireball
RT Nuclear flash
BT Nuclear explosions+

Nuclear flash
RT Nuclear fireball
BT Flashes

Nuclear fluorescent scattering
BT Gamma ray scattering+

Nuclear forces(Military)
(1-NOV-1980)
Those military forces which receive special training in the use of special weapons as well as training for protection from radiological warfare.
BT Military force levels
NT Nuclear proliferation

Nuclear forces(Physics)
(1-NOV-1980)
Those forces which keep neutrons and protons together in an atomic nucleus, differing in nature from electric and magnetic forces, gravitational force being negligible.
BT Nuclear binding energy+
Nuclear physics+

Nuclear fusion
RT Fusion weapons
BT Nuclear reactions
NT Controlled nuclear fusion+

Nuclear industrial applications
BT Industrial engineering+

Nuclear instrumentation
BT Instrumentation+

Nuclear isobars
RT Nuclear isomers
Nuclides
BT Nuclei

Nuclear isomers
UF Isomers(Nuclear)
RT Nuclear isobars
BT Nuclei

Nuclear magnetic dipole moments
use all Dipole moments
Nuclear magnetic moments

Nuclear magnetic moments
UFC Nuclear magnetic dipole moments
Nuclear magnetic quadrupole moments
RT Nuclear magnetic resonance
BT Magnetic moments+
Nuclear moments+

Nuclear magnetic quadrupole moments
use all Nuclear magnetic moments
Quadrupole moment

Nuclear magnetic resonance
RT Nuclear magnetic moments
Spin resonance
BT Magnetic resonance+
Nuclear resonance+

Nuclear medicine
RT Radioprotective agents
BT Medicine+
NT Radiopharmaceuticals

Nuclear models
BT Models
Nuclear structure+
NT Nuclear shell models

Nuclear moments
BT Moments
Nuclear properties
NT Nuclear magnetic moments

Nuclear particles
Particles emitted by atomic nuclei. Also, the constituent particles of nuclei.
RT Nuclear physics
NT Alpha particles
Deuterons
Elementary particles+
Tritons

Nuclear physics
RT Nuclear particles
Nuclear physics laboratories
BT Physics+
NT Nuclear forces(Physics)
Particle accelerator techniques+

Nuclear physics laboratories
RT Nuclear physics
BT Physics laboratories+

Nuclear power plants
Includes mobile as well as stationary installations in which nuclear reactors or radioactive sources are used as primary power sources.
UF Atomic energy plants
Atomic power plants
RT Nuclear reactors
BT Electric power plants
NT Radioisotope thermoelectric devices

Nuclear powered ships
RT Nuclear propulsion
BT Ships
NT Nuclear powered submarines+

Nuclear powered submarines
BT Nuclear powered ships+
Submarines+
NT Ballistic missile submarines

Nuclear proliferation
BT Nuclear forces(Military)+

Nuclear properties
Properties characteristic of atomic nuclei and general theoretical concepts related to behavior of nuclei.
RT Atomic properties
Nuclei
NT Multipolarity
Nuclear cross sections+
Nuclear moments+
Nuclear quadrupole resonance
Nuclear resonance+
Nuclear spins
Nuclear structure+

Nuclear propulsion
RT Nuclear powered ships
BT Propulsion systems
NT Aircraft nuclear propulsion
Marine nuclear propulsion
Spacecraft nuclear propulsion

Nuclear pumping
BT Pumping(Electronics)+

Nuclear quadrupole resonance
BT Nuclear properties

Nuclear radiation
RT Nuclear radiation protection
BT Radiation
NT Alpha particles
Beta particles
Fast neutrons
Fission neutrons+
Gamma emission
Gamma rays+
Thermal neutrons

Nuclear radiation protection
RT Nuclear radiation
BT Radiation protection+

Nuclear radiation spectrometers
UF Beta ray spectrometers
Gamma ray spectrometers
Neutron crystal spectrometers
RT Nuclear radiation spectroscopy
BT Radiation measuring instruments+
Spectrometers+
NT Gamma spectrometers
Neutron spectrometers

Nuclear radiation spectroscopy
RT Nuclear radiation spectrometers
BT Spectroscopy
NT Alpha particle spectroscopy
Beta ray spectroscopy
Gamma ray spectroscopy

Nuclear reactions
UF Atomic transmutation
RT Nuclear reactors
NT Alpha particle reactions
Beta particle reactions
Chain reactions
Deuteron reactions+
Electron scattering
Meson reactions+
Neutron reactions+
Nuclear fusion+
Nuclear scattering+
Nuclear transmutation
Pair production
Photonuclear reactions+
Proton reactions+
Radioactive decay+
Thermonuclear reactions

Nuclear reactors
UF Atomic piles
Atomic reactors
Fission reactors
Reactors(Atomic)
Reactors(Nuclear)
RT Nuclear power plants
Nuclear reactions
Reactor system components
NT Boiling water reactors
Circulating fuel reactors
Confinement(Nuclear reactors)
Containment(Nuclear reactors)
Critical assemblies
Enriched fuel reactors
Fast reactors
Gas cooled reactors
Graphite moderated reactors+
Heavy water reactors
Heterogeneous reactors+
Homogeneous reactors
Light water reactors+
Liquid metal cooled reactors+
Molten salt nuclear reactors
Organic cooled reactors
Organic moderated reactors
Production reactors+
Research reactors
Subcritical assemblies
Test reactors
Thermal reactors
Tokamaks

Nuclear resonance
RT Nuclear spins
BT Nuclear properties
NT Nuclear magnetic resonance

Nuclear scattering
RT Backscattering
BT Nuclear reactions
Scattering
NT Coherent scattering
Gamma ray scattering+
Incoherent scattering
Inelastic scattering
Nuclear scattering (cont.)
Meson scattering
Neutron scattering
Potential scattering
Proton scattering
Resonance scattering

Nuclear shell models
BT Nuclear models+

Nuclear spins
RT Nuclear resonance
BT Nuclear properties

Nuclear states
use Nuclear energy levels

Nuclear structure
Spatial and energy relationships among particles within nuclei.
BT Nuclear properties
NT Nuclear binding energy+
Nuclear energy levels
Nuclear models+

Nuclear transmutation
BT Nuclear reactions

Nuclear warfare
UF Atomic warfare
RT Nuclear warfare casualties
Nuclear weapons
BT Warfare

Nuclear warfare casualties
RT Nuclear warfare
BT Casualties

Nuclear warheads
BT Nuclear weapons+
Warheads+

Nuclear weapon debris
RT Nuclear clouds
BT Debris

Nuclear weapons
RT Nuclear warfare
BT Weapons+
NT Atomic demolition munitions
Fission weapons
Fusion weapons
Nuclear bombs
Nuclear warheads
Salvage fuzing

Nuclease
RT Nucleic acids
BT Enzymes

Nucleate boiling
BT Boiling+

Nucleation
RT Accumulation
NT Cloud seeding

Nuclei
RT Nuclear properties
NT Even even nuclei
Even odd nuclei
Nuclear isobars
Nuclear isomers
Nuclides+
Odd even nuclei+
Odd odd nuclei+

Nuclei(Biology)
BT Cell structure+
NT Chromatin+

Nucleic acid components
BT Nucleic acids+
Thymidines
NT Nucleosides+
Nucleotides+

Nucleic acids
RT Nuclease
BT Acids+
NT Nucleic acid components+
Ribonucleic acids+

Nucleons
BT Baryons+
Fermions+
NT Antiprotons
Neutrons+
Protons

Nucleophilic reactions
(1-SEP-1981)
Donating electrons to atomic nuclei.
BT Substitution reactions+

Nucleoproteins
BT Proteins(Conjugated)+

Nucleosides
UF Synthetic nucleosides
BT Nucleic acid components+
NT Guanosine
Uridine

Nucleotides
BT Nucleic acid components+
NT Adenosine phosphates

Nucleotidyl transferases
RT Deoxyribonucleic acids
NT Ribonuclease

Nuclides
RT Nuclear isobars
BT Nuclei
NT Isotopes+

Nulls(Amplitude)
BT Antenna radiation patterns+

Number theory
UF Cyclotomic units
RT Numbers
BT Mathematics
Theory
NT Addition
Analytic number theory
Binary arithmetic
Prime numbers
Square roots

Numbering systems
RT Numbers
BT Information theory+

Numbers
RT Number theory
Numbering systems
BT Mathematics
NT Alphanumeric data
Binary notation
Complex numbers
Real numbers+

Numerical analysis
UF Approximate computation
Divided differences
Haar's theorem
Ill-conditioned matrices
Smoothing data
RT Smoothing(Mathematics)
BT Mathematical analysis+
NT Curve fitting
Error analysis
Extrapolation
Finite difference theory+
Finite element analysis
Gaussian quadrature
Interpolation+
Iterations
Least squares method
Maximum likelihood estimation+
Method of characteristics
Monte Carlo method
Nomographs
Numerical methods and procedures+
Numerical quadrature+

Numerical aperture
BT Resolution

Numerical integration
BT Numerical methods and procedures+
NT Runge Kutta method

Numerical methods and procedures
UF Blaess method
Crank-Nicolson procedure
Gauss-Seidel method
Numerical methods and procedures (cont.)
Lanczo's matrix iteration method
Meissner's method
Newton-Raphson method
Richardson's method
BT Numerical analysis+
NT Computational fluid dynamics+
Galerkin method
Numerical integration+
Perturbations
Steepest descent method

Numerical quadrature
BT Numerical analysis+
NT Q factor

Nurses
RT Nursing
BT Medical personnel+

Nursing
RT Nurses
BT Medical services+

Nutating antennas
RT Conical scanning
BT Directional antennas+

Nutrient analysis
RT Nutrients
Nutrition
BT Diet

Nutrients
RT Nutrient analysis
Nutrition
BT Food

Nutrition
The sum of the processes by which organisms take in and utilize food substances. For habitual or prescribed courses of feeding, see Diet.
RT Food
Nutrient analysis
Nutrients
NT Malnutrition

Nuts(Fastenings)
UFC Self-locking nuts
BT Fastenings

Nuxvomica
use Strychnos alkaloids

Nylon
RT Nylon coatings
BT Polyamide plastics+

Nylon coatings
RT Nylon
BT Plastic coatings+

Nymph
RT Insects
BT Metamorphosis

Nystagmus
BT Astigmatism+

Nystatin
RT Fungicides
BT Antibiotics+

N-acetyl-d-glucosamine
use Chitin

N-plane bundles
use Algebraic topology

O

O rings
BT Rings+
Seals(Stoppers)

Oars
RT Boats
BT Propulsion system components+

Obesity
RT Body weight
BT Metabolic diseases+

Object oriented programming
(1-OCT-1995)
The use of a programming language consisting of a sequence of commands directed at objects.
BT Computer programming

Obscuration
RT Occultation
BT Visibility

Observation
RT Observation aircraft
Observatories
Observers
BT Data acquisition+

Observation aircraft
RT Observation
BT Tactical aircraft+

Observation cupolas
use Cupolas

Observatories
RT Laboratories
Observation
Observers
BT Research facilities+
NT Astronomical observatories+

Observatories(Astronomical)
use Astronomical observatories

Observers
RT Observation
Observatories
BT Personnel
NT Forward observers

Obsidian
RT Glass
Tektite
BT Minerals

Obsolescence
RT Obsolescence theory
BT Life expectancy(Service life)+

Obsolescence theory
RT Obsolescence
BT Economic models+
Inventory control+

Obstetrics
RT Pregnancy
BT Gynecology+

Obstructing
use Blocking

Obstruction(Physiology)
UF Occlusion(Physiology)
RT Blocking
BT Pathology+
NT Embolism+
Thrombosis+

Obturating bands
use Rotating bands

Obturation(Ballistics)
BT Interior ballistics+

Occlusion(Physiology)
use Obstruction(Physiology)

Occultation
RT Eclipses
Obscuration
BT Celestial mechanics+

Occupational diseases
RT Occupational medicine
BT Diseases

Occupational medicine
(1-APR-1998)
RT Occupational diseases
BT Medicine+

Ocean basins
(1-JUN-1989)
Depressions of the ocean floor occupied by the waters of an ocean.

Ocean basins (cont.)
RT Ocean bottom
BT Basins(Geographic)+

Ocean bottom
UF Sea bottom
Sea floors
RT Bottom waters
Ocean basins
BT Bottom+
NT Ocean bottom sampling
Ocean bottom soils
Ocean bottom topography+

Ocean bottom sampling
RT Oceanographic data
Oceanographic equipment
BT Ocean bottom+
Sampling+

Ocean bottom soils
BT Ocean bottom+
Soils

Ocean bottom topography
BT Ocean bottom+
Topography
NT Ocean ridges+
Seamounts
Submarine canyons
Submarine troughs+

Ocean circulation
use Ocean currents

Ocean currents
UF Ocean circulation
RT Ocean waves
BT Currents
NT Geostrophic currents
Gulf Stream
Labrador Current
North Atlantic current

Ocean environments
RT Salt spray tests
BT Environments
Oceans+
NT Bathyal zones
Benthonic zones+
Euphotic zones

Ocean models
BT Models

Ocean ridges
BT Ocean bottom topography+
Ridges
NT East Pacific Rise
Midatlantic Ridge

Ocean surface
BT Earth surface+
Surfaces

Ocean surveillance
BT Surveillance
NT Undersea surveillance

Ocean tides
RT Ocean waves
Tidal currents
Tidewater
BT Tides

Ocean waste disposal
BT Waste disposal+

Ocean waves
RT Ocean currents
Ocean tides
BT Water waves+
NT Surf

Oceanic crust
BT Earth crust+
NT Seafloor spreading

Oceanographers
RT Oceanography
BT Personnel

Oceanographic data
RT Ocean bottom sampling
BT Oceanography+
NT Bathymetry
Bathythermograph data
Gek data

Oceanographic equipment
RT Ocean bottom sampling
Oceanographic ships
Oceanography
NT Bathythermographs
Buoys+
Electrokinetographs
Salinometers

Oceanographic ships
RT Oceanographic equipment
BT Research ships+

Oceanography
RT Oceanographers
Oceanographic equipment
Oceans
BT Earth sciences+
NT Chemical oceanography
Fronts(Oceanography)
Marine biology
Marine geology
Marine geophysics+
Marine meteorology
Military oceanography
Oceanographic data+

Oceans
UF Seas
RT Oceanography
Sea water

Oceans (cont.)
BT Geographic areas
NT Arctic Ocean+
Atlantic Ocean+
Baltic Sea
Black Sea
Caribbean Sea
Deep oceans
Indian Ocean+
Java Sea
Mediterranean Sea+
Ocean environments+
Pacific Ocean+
Tasman Sea

Ocean-going tugs
use Tugboats

Octadecanes
RT Solvents
BT Alkanes+

Octal coding
BT Coding+

Octanoic acid
BT Fatty acids+

Octol
BT Alcohols+

Octyl radicals
BT Alkyl radicals+
Chemical radicals+

Ocular prostheses
use all Eye
Prosthetics

Oculometers
RT Electrooculograms
Electrooculography
Eye movements
BT Measuring instruments+

Oculomotor nerve
(1-NOV-1980)
The nerve controlling the movements of the eye.
BT Cranial nerves+

Odd even nuclei
BT Nuclei
NT Tritium+

Odd odd nuclei
BT Nuclei
NT Deuterium

Odometers
RT Velocimeters
BT Distance measuring equipment+

Odors
RT Air pollution
Olfactometers

Off the shelf equipment
RT Office equipment and supplies
Parts
Plug in units
BT Commercial equipment

Office buildings
RT Office equipment and supplies
Office personnel
BT Buildings+

Office equipment and supplies
UFC Office furniture
RT Off the shelf equipment
Office buildings
NT Calculators
Typewriters+

Office furniture
use all Furniture
Office equipment and supplies

Office personnel
RT Office buildings
BT Personnel

Officer personnel
BT Military personnel+
NT Chaplains
Field grade officers
General officers
Military commanders

Offline systems
RT Online systems
BT Data processing equipment+

Offroad traffic
BT Ground traffic+

Offset bombing
RT Standoff
BT Bombing+

Offset printing
BT Lithography+

Offshore
BT Shores+

Offshore drilling
BT Drilling

Offshore structures
BT Structures

Ogee wings
use Varying sweep wings

Ogives
BT Bodies of revolution+
Convex bodies+

OHD
use Over the horizon detection

Ohio
BT United States+

Ohio River
BT Rivers+

Ohmmeters
BT Measuring instruments+

Oil burners
BT Burners

Oil consumption
BT Consumption

Oil coolers
BT Cooling and ventilating equipment+

Oil fields
RT Oil wells
BT Petroleum geology+

Oil filters
BT Liquid filters+

Oil free compressors
BT Compressors+

Oil pollution
RT Oil pollution containment
Oil spills
BT Pollution+

Oil pollution containment
RT Oil pollution
Pollution abatement
BT Containment(General)

Oil products
BT Oils
NT Petroleum products+

Oil reservoirs
RT Hydraulic accumulators
Oil tanks
BT Reservoirs

Oil seals
BT Seals(Stoppers)

Oil shales
RT Fossil fuels
Shale oil
BT Crude oil+
Shale+

Oil spills
RT Oil pollution
Oil wastes
BT Spilling

Oil tanks
RT Oil reservoirs
BT Tanks(Containers)+

Oil wastes
RT Oil spills
BT Liquid wastes+

Oil wells
RT Oil fields
BT Petroleum industry+

Oilers
use Tanker ships

Oils
RT Ointments
NT Crude oil+
Fish oils
Fuel oil
Lubricating oils+
Mineral oils
Oil products+
Vegetable oils+

Ointments
UF Emollients
Lanolin
Salves
RT Oils

Oiticica oil
use Vegetable oils

Okhotsk Sea
BT North Pacific Ocean+

Okinawa
BT Ryukyu Islands+

Oklahoma
BT United States+

Oleates
RT Oleic acid
BT Esters+

Olefin polymers
BT Copolymers+
NT Olefin resins+

Olefin resins
RT Plastics
BT Olefin polymers+
NT Polypropylene

Oleic acid
RT Oleates
BT Fatty acids+

Olfactometers
RT Odors
BT Laboratory equipment
Medical equipment

Olfactory nerve
RT Smell
BT Cranial nerves+

Olfactory thresholds
use all Smell
Thresholds(Physiology)

Oligochaeta
BT Annelida+

Oligomers
(1-JUN-1989)
Polymers made up of two, three or four monomer units.
BT Polymers+

Olivine
RT Fayalite
Igneous rock
BT Rock forming minerals+

Oman Gulf
(1-JUN-1989)
A N.W. arm of the Arabian Sea at the entrance to the Persian Gulf.
BT Arabian Sea+
Gulfs+

Omega navigation
BT Hyperbolic navigation+

Omentum
use Peritoneum

Omnidirectional
BT Directional+

Omnidirectional antennas
BT Antennas
NT Monopole antennas+

Omsk virus
BT Group B arboviruses+

Onboard
NT Shipboard

Oncogenic viruses
(1-MAY-1983)
Viruses that cause tumor formation.
RT Cancer
BT Adenoviruses+

Oncologists
(1-JAN-1998)
RT Cancer
BT Physicians+

One dimensional
NT One dimensional flow

One dimensional flow
BT Flow
One dimensional

Onions
BT Vegetables+

Online systems
RT Offline systems
BT Data processing equipment+

Ontario
BT Canada+

Ontogeny
BT Reproduction(Physiology)+

Oocysts
BT Cysts+

Oomycetes
BT Fungi+
NT Phytophthora

Opacity
BT Electromagnetic properties+
Optical properties+

OPDAR
use Optical radar

Open loop systems
RT Closed loop systems
Open system architecture

Open system architecture
(1-APR-1998)
RT Open loop systems
BT Computer architecture+

Open water
BT Water+

Opening(Process)

Openings
RT Apertures
Cavities
Closures
Doors
NT Hatches
Holes(Openings)+
Ice openings
Inlets+
Orifices
Ports(Openings)
Windows+

Operating systems(Computers)
(1-SEP-1990)
A set of computer programs that control the overall operation of a computer and perform such tasks as assigning places in memory to programs and data, processing interrupts, scheduling jobs, and controlling the overall input/output of the system.
BT Computer programs

Operating tables
use all Medical equipment
Tables(Furniture)

Operation
NT Manual operation+
Multiple operation+

Operational amplifiers
BT Amplifiers

Operational calculus
use Integral transforms

Operational effectiveness

Operational readiness
RT Availability
BT Preparation

Operations other than war
(1-OCT-1996)
BT Military operations
NT Demilitarization
Peacekeeping

Operations research
BT Mathematics
NT Game theory+
Mathematical models+
Mathematical programming+
Minimax technique
Network flows
Queueing theory
Systems analysis+

Operators(Mathematics)
UF Green's operators
Kohn-Hulthen variational principle
Scattering operator
BT Mathematics
NT Hamiltonian functions
S matrix

Operators(Personnel)
BT Personnel
NT Air traffic controllers
Computer operators
Drivers(Personnel)
Gunners+
Pilots
Radar operators
Radio operators
Teleoperators

Ophthalmologists
RT Ophthalmology
BT Medical personnel+

Ophthalmology
UF Haploscopes
RT Ophthalmologists
BT Medicine+

Opium alkaloids
UF Papaveraceous alkaloids
RT Narcotics
Poppy plants
BT Isoquinoline alkaloids+
NT Morphine+

Opsonins
(1-NOV-1980)
An antibody that combines with the specific antigen and sensitizes it in such a manner that it is more readily engulfed by phagocytes.
RT Antigens
BT Antibodies

Optic nerve
UF Optic tracts
RT Optic neuritis
BT Cranial nerves+

Optic neuritis
(1-NOV-1980)
Acute impairment of the vision in one eye or both, which may be affected simultaneously or successively and which may recover spontaneously or leave the patient with a scotoma or scotomas or even blindness.
RT Optic nerve
BT Eye diseases+
Nervous system diseases+

Optic tracts
use Optic nerve

Optical analysis
RT Optical augmentation
Optics
NT Diffraction analysis
Microscopy+

Optical augmentation
RT Optical analysis
BT Augmentation

Optical bundles
use Fiber optics

Optical character recognition
BT Character recognition+

Optical circuits
BT Circuits+
NT Microoptical circuits

Optical circuits (cont.)
Optical interconnections

Optical coatings
BT Coatings
Optical materials+

Optical communications
BT Telecommunications+
NT Infrared communications
Laser communications
Ultraviolet communications

Optical correlators
RT Optical equipment
BT Correlators

Optical counter countermeasures
BT Counter countermeasures+
NT Infrared counter countermeasures

Optical countermeasures
BT Countermeasures+
NT Infrared countermeasures+
Laser countermeasures
Smoke abatement
Smoke screens

Optical cross sections
BT Cross sections

Optical data
BT Optics

Optical defense systems
RT Optical detectors
BT Defense systems

Optical detection
BT Detection
NT Infrared detection+
Photodetection
Satellite imagery+

Optical detectors
RT Optical defense systems
BT Detectors
Optical equipment
NT Infrared detectors
Photodetectors
Ultraviolet detectors

Optical equipment
RT Optical correlators
NT Binoculars+
Collimators
Colorimeters
Cystoscopes
Infrared equipment+
Light amplifiers+
Microscopes+
Night vision devices+
Optical detectors+
Optical equipment components+
Optical instruments+

Optical equipment (cont.)
Periscopes+
Photographic equipment+
Polarizers
Reflectoscopes
Stereoscopes
Stroboscopes
Telescopes+
Theodolites+
Ultraviolet equipment+

Optical equipment components
BT Optical equipment
NT Infrared windows
Laser mirrors
Mirrors+
Optical filters+
Optical lenses+
Prisms(Optics)
Reticles

Optical filters
RT Bacteriorhodopsin
BT Electromagnetic wave filters+
Optical equipment components+
NT Infrared filters
Optical limiters
Photographic filters
Ultraviolet filters

Optical fuzes
BT Electromagnetic fuzes+

Optical glass
UF Flint glass
BT Glass+
Optical materials+

Optical homing
use Light homing

Optical images
RT Afterimages
Gray scale
Holograms
Scene generation
Shadows
BT Images
Optical phenomena+
NT Infrared images
Interferograms

Optical instruments
UFC Optical micrometers
BT Optical equipment
NT Borescopes
Nephelometers
Optical interferometers+
Optometers
Photometers+
Polariscopes
Radiometers+
Reflectometers
Refractometers
Spectrum analyzers+

Optical instruments (cont.)
Spherometers

Optical interconnections
(1-APR-1999)
BT Circuit interconnections+
Optical circuits+

Optical interferometers
BT Interferometers+
Optical instruments+
NT Fabry Perot interferometers
Michelson interferometers

Optical jamming
BT Jamming+

Optical lenses
RT Optical sights
BT Lenses
Optical equipment components+
NT Camera lenses+
Contact lenses
Eyeglasses
Folded optical lenses+
Fresnel lenses
Telescope lenses

Optical limiters
(1-OCT-1999)
RT Laser countermeasures
BT Optical filters+

Optical materials
Materials that are specially prepared to allow the passage of light with minimum aberration.
UFC Optical plastics
BT Materials
NT Infrared optical materials
Laser materials
Optical coatings
Optical glass
Photorefractive materials
Ultraviolet optical materials

Optical micrometers
use all Micrometers
Optical instruments

Optical phenomena
RT Electrooptics
Optical properties
BT Optics
NT Beam forming
Beam steering
Fresnel zones
Illumination
Infrared phenomena+
Light+
Luminescence+
Optical images+
Optical retroreflection
Ultraviolet radiation+

Optical plastics
use all Optical materials
Plastics

Optical processing
BT Processing
NT Optical storage+

Optical properties
RT Darkness
Enantiomers
Optical phenomena
BT Physical properties
NT Achromatic
Brightness+
Chromaticity
Colors+
Faraday effect
Gray scale
Light transmission+
Luminance
Luminosity
Opacity
Photomagnetic effect
Photovoltaic effect
Reflectance+
Reflectivity
Refractive index+
Strehl ratio
Transmissivity
Transmittance
Transparence+
Turbidity

Optical pumping
BT Coherent electromagnetic radiation+
Pumping(Electronics)+
NT Laser pumping

Optical pyrometers
BT Pyrometers+

Optical radar
UF OPDAR
ORAD
BT Radar

Optical retroreflection
RT Antireflection coatings
Retroreflectors
BT Optical phenomena+
Reflection

Optical scanning
BT Scanning
NT Infrared scanning

Optical sights
Sights with lenses, prisms, or mirrors used for laying weapons or for aerial bombing.
UF Stadiameters
RT Optical lenses
BT Gun sights+

Optical sights (cont.)
NT Periscopic gun sights+
Telescopic gun sights

Optical signatures
BT Signatures
NT Infrared signatures

Optical storage
BT Data storage systems+
Memory devices+
Optical processing+
NT Compact disks

Optical switching
RT Switching circuits
BT Switching

Optical target designators
RT Optical tracking
BT Target designators+
NT Laser target designators+

Optical tracking
RT Optical target designators
BT Tracking
NT Infrared tracking
Laser tracking
Television tracking

Optical warfare
RT Optical weapons
BT Optics
Warfare

Optical waveguides
RT Fiber optics transmission lines
BT Waveguides+

Optical weapons
RT Optical warfare
BT Weapons+

Optics
RT Optical analysis
Optics industry
NT Acoustooptics
Adaptive optics+
Electron optics+
Electrooptics
Fiber optics
Integrated optics
Magnetooptics+
Microwave optics
Nonlinear optics+
Optical data
Optical phenomena+
Optical warfare
Quantum optics

Optics industry
RT Optics
BT Industries

Optimization
RT Correlation
BT Quality assurance+

Optoacoustic filters
BT Acoustic filters+

Optometers
RT Optometry
BT Optical instruments+

Optometry
RT Optometers
BT Paramedical sciences+

ORAD
use Optical radar

Oral bacteria
RT Oral diseases
Oral hygiene
BT Bacteria+

Oral diseases
UF Peridontal diseases
RT Oral bacteria
Oral hygiene
BT Diseases
NT Dental caries
Gingivitis
Tonsillitis

Oral dosage
RT Oral intake
BT Dosage

Oral health
RT Mouth
BT Health

Oral hygiene
RT Oral bacteria
Oral diseases
BT Hygiene

Oral intake
RT Oral dosage

Orange(Color)
(1-NOV-1980)
BT Colors+

Orbiting satellites
use Artificial satellites

Orbits
BT Trajectories+
NT Circular orbits
Earth orbits
Elliptical orbit trajectories+
Equatorial orbits
High orbit trajectories
Inclined orbit trajectories
Low orbit trajectories
Parking orbit trajectories

Orbits (cont.)
Polar orbit trajectories
Solar orbits+

Orchards
(1-DEC-1984)
A group of fruit-bearing, nut-bearing, or sugar maple trees under cultivation.
BT Farms+
Plants(Botany)+

Order circuits
BT Logic circuits+

Order disorder transformations
BT Phase transformations+

Order of battle
BT Battles+
Military tactics+

Order statistics
BT Statistics+
NT Rank order statistics

Ordered division rings
use Algebra

Ordered fields
use Algebra

Ordered rings
use Algebra

Ordnance
UF Munitions
RT Ordnance laboratories
NT Ammunition+
Ammunition belt links
Armor+
Bombs+
Chemical ordnance
Fire control systems+
Guns+
Mines(Ordnance)+
Projectors(Ordnance)+
Smoke munitions+
Submunitions
Target activated munitions
Underwater ordnance+
Warheads+
Weapons+

Ordnance detectors
use Ordnance locators

Ordnance disposal tools
UFC Bomb disposal tools
RT Explosive ordnance disposal
BT Tools

Ordnance laboratories
RT Ordnance
BT Laboratories+

Ordnance locators
UF Ordnance detectors
RT Explosives detection
BT Detectors
Locators
NT Mine detectors
Mortar locator radar

Ordnance steel
BT Steel+

Oregon
BT United States+

Ores(Metal sources)
RT Natural resources
Sources
NT Cinnabar
Hematite
Magnetite
Monazite
Proustite
Pyrargyrite
Pyrite

Ores(Nonmetallic)
RT Natural resources
NT Coal+
Corundum+
Feldspar+
Gypsum
Pyrite
Quartz
Sand+
Talc

Organ of corti
BT Ear+

Organic acids
RT Inorganic acids
BT Acids+
Organic compounds
NT Aliphatic acids+
Amino acids+
Barbituric acids+
Butyric acids
Carboxylic acids+
Dibasic organic acids+
Glycolic acid
Gymnemic acid
Hippuric acid
Hydroxamic acids
Kojic acid
Maleic acid
Phosphinic acids
Phosphonic acids
Picramic acid
Picric acid
Pyruvic acid
Retinoic acids
Styphnic acids
Sugar acids+
Sulfamic acids
Sulfinic acids

Organic acids (cont.)
Sulfonic acids
Terephthalic acid

Organic chemistry
RT Inorganic chemistry
Organic radicals
BT Chemistry+

Organic coatings
BT Coatings
NT Bituminous coatings
Plastic coatings+
Rubber coatings
Varnishes+

Organic compounds
RT Inorganic compounds
Organic materials
NT Alcohols+
Aldehydes+
Aliphatic compounds+
Ammonium compounds+
Aromatic compounds+
Benzoin
Carbenes
Carbohydrates+
Cyanides+
Cyclic compounds+
Esters+
Ethers+
Halogenated hydrocarbons+
Halohydrins
Hydrocarbons+
Inosine
Iron organic compounds+
Organic acids+
Organic nitrogen compounds+
Organic oxygen compounds
Organic phosphorus compounds+
Organic solutes
Organic solvents
Organic sulfur compounds+
Organometallic compounds+
Phenols+
Porphyrins+
Pyridines+

Organic cooled reactors
BT Nuclear reactors

Organic materials
Naturally-occurring substances. Excludes classes of organic compounds and specific compounds.
RT Inorganic materials
Organic compounds
BT Materials
NT Bitumens+
Coal+
Cork
Creosote
Feathers
Fur

Organic materials (cont.)
Leather+
Organic pigments+
Petroleum products+
Pitch(Material)+
Rosin
Silk
Straw
Vegetable oils+
Waxes+

Organic moderated reactors
BT Nuclear reactors

Organic nitrogen compounds
BT Nitrogen compounds+
Organic compounds
NT Amides+
Amines+
Diazo compounds+
Imines+
Nitriles+
Nitrogen heterocyclic compounds+
Nitroso compounds

Organic oxygen compounds
BT Organic compounds
Oxygen compounds+

Organic phosphorus compounds
BT Organic compounds
Phosphorus compounds+
NT Organophosphates
Phosphorothioates
Phosphorus heterocyclic compounds+

Organic pigments
Pigmentation in organisms. For color additives, see Pigments.
UF Animal pigments
Biopigments
Plant pigments
BT Organic materials+
Pigments+
NT Anthoxanthin pigments
Bacteriorhodopsin
Bile pigments+
Carotenoids
Chlorophylls
Eye pigments+
Hemoglobin+
Melanin
Toners

Organic radicals
RT Organic chemistry
BT Chemical radicals+
NT Alkoxy radicals
Alkyl radicals+
Aryl radicals+

Organic soils
RT Peat
BT Soils

Organic solutes
BT Organic compounds
Solutes+

Organic solvents
BT Organic compounds
Solvents+

Organic sulfur compounds
BT Organic compounds
Sulfur compounds+
NT Sulfur heterocyclic compounds+

Organization theory
(1-SEP-1990)
Study of human relations, industrial sociology, etc; in business, government, military, and other formal organizations.
UF Management theory
RT Organizational realignment

Organizational realignment
(1-OCT-1997)
RT Organization theory
BT Business process reengineering+

Organizations
UF Associations
NT Corporations+
Labor unions
Military organizations+
Scientific organizations
Societies
Task forces

Organizations(Military)
use Military organizations

Organizations(Scientific)
use Scientific organizations

Organoboranes
BT Boranes+

Organometallic compounds
UF Metallorganic compounds
BT Metal compounds+
Organic compounds
NT Iron organic compounds+
Metallocenes+
Tributyl tin
Triethylaluminum
Trimethylaluminum

Organophosphates
BT Organic phosphorus compounds+

Organs(Anatomy)
BT Anatomy+
NT Bladder(Urinary)

Organs(Anatomy) (cont.)
Glands+
Heart+
Kidneys+
Liver
Lung+
Sense organs+
Stomach
Swim bladders

Organs(Mechanical)
use Mechanical organs

Oriboca virus
BT Group C arboviruses+

Orientation(Direction)
RT Direction finding
Forward looking
NT Attitude(Inclination)+
Azimuth
Bearing(Direction)
Directional+
East(Direction)
End on orientation
Head on orientation
Horizon
Horizontal orientation
North(Direction)
Parallel orientation
Slope+
South(Direction)
Transverse
Unidirectional
Vertical orientation
West(Direction)

Orifices
BT Openings

Oripavine
RT Narcotics
BT Alkaloids

Orlon
RT Rayon
BT Synthetic fibers+

Ornstein-Uhlenbeck process
use Statistical processes

Orogeny
RT Orography
BT Earth movements+

Orography
RT Orogeny
BT Geography+
Geomorphology+

Orthodontics
BT Dentistry+

Orthogonality

Orthopedics
BT Surgery+

Orthophotography
BT Aerial photography+

Orthoptera
BT Insects+
NT Blattidae

Orthostatism

Oscillation
RT Oscillators
BT Motion
NT Gunn effect
Plasma oscillation

Oscillators
UFC Audiofrequency oscillators
RT Frequency synthesizers
Oscillation
Parametrons
BT Electronic equipment
NT Anharmonic oscillators
Crystal oscillators
Radiofrequency oscillators+
Relaxation oscillators
Voltage controlled oscillators

Oscillographs
RT Oscilloscopes
BT Measuring instruments+

Oscilloscope screens
use all Cathode ray tube screens
Oscilloscopes

Oscilloscopes
UFC Oscilloscope screens
RT Oscillographs
BT Test equipment

Osmic acid
BT Inorganic acids+

Osmium
RT Osmium alloys
Osmium compounds
BT Precious metals+
Refractory metals+

Osmium alloys
RT Osmium
Osmium compounds
BT Refractory metal alloys+

Osmium compounds
RT Osmium
Osmium alloys
BT Group VIII compounds+

Osmoreceptors
use Sense organs

Osmosis
RT Osmotic pressure
BT Diffusion
NT Electroosmosis
Reverse osmosis

Osmotic pressure
RT Osmosis
BT Pressure

Ossein
use Collagen

Osteichthyes
BT Fishes+

Osteogenesis
RT Osteolysis
BT Growth(Physiology)+

Osteology
use Bones

Osteolysis
(1-OCT-1995)
RT Osteogenesis
BT Physiology

Osteoporosis
(1-OCT-1994)
A medical condition whose chief sympton is the loss of internal bone mass.
RT Bones
BT Musculoskeletal diseases+

Ostracoda
BT Crustacea+

Otitis
use all Diseases
Ear

Otology
RT Ear
BT Otorhinolaryngology

Otorhinolaryngology
NT Otology
Rhinology

Outboard
RT Inboard

Outdoor
BT Position(Location)

Outer planets
BT Planets+
NT Jupiter(Planet)
Neptune(Planet)
Pluto(Planet)
Outer planets (cont.)
Saturn(Planet)
Uranus(Planet)

Outer space
BT Space environments+

Outgassing
RT Desorption
Gas evolution
BT Degasification+

Outlets(Nozzles)
use Nozzles

Outpatient clinics
BT Health care facilities

Output
RT Input
Read out techniques
Throughput
BT Yield
NT Computer printouts

Outsourcing
(1-APR-1998)
BT Privatization+

Ovarian cancer
(1-JUL-1998)
RT Ovaries
BT Cancer+

Ovaries
RT Ovarian cancer
Ovulation
BT Sex glands+
NT Vitelline glands

Ovens
BT Cooking devices+
Heaters
NT Microwave ovens

Over the horizon detection
UF OHD
BT Detection

Over the horizon radar
(1-DEC-1984)
Surveillance radar whose signal hugs the earth's surface for distances well beyond the line-of-sight, bouncing off the ionosphere and return to earth in saw-toothed waves to a receiver on the far side of the globe.

Over the horizon targeting
(1-DEC-1984)
BT Targeting

Overcast
use Cloud cover

Overcoats
RT Parkas
BT Clothing

Overflight
BT Flight
Reconnaissance+

Overlap
BT Configurations

Overlays

Overload
RT Electrical loads
BT Loads(Forces)

Overpressure
RT Dynamic pressure
BT Pressure

Override control
BT Control

Overseas
BT Foreign

Ovipositor
(1-MAY-1983)
A specialized structure in many insects for depositing eggs. A tubular extension of the genital orifice in most fishes.

Ovovitellin
use Phosphoproteins

Ovulation
RT Ovaries
BT Estrous cycle+

Owl monkeys
BT Monkeys+

Oxadiazoles
BT Azoles+

Oxalacetic acid
BT Acetic acid+

Oxalates
RT Oxalic acid
BT Esters+

Oxalic acid
RT Oxalates
BT Carboxylic acids+

Oxamides
BT Amides+

Oxazepam
(1-NOV-1980)
A tranquilizer used in the treatment of patients with anxiety tension and various psychoneurotic disorders.
BT Tranquilizers+

Oxazepine
BT Heterocyclic compounds+

Oxazines
BT Azines+

Oxetanes
BT Epoxy compounds+
Propenes+

Oxidants
use Oxidizers

Oxidases
use Oxidoreductases

Oxidation
RT Oxidation resistance
Oxides
Oxidizers
BT Chemical reactions+
NT Catalytic oxidation
Epoxidation
Ozonation
Rust(Oxidation)

Oxidation inhibitors
use Antioxidants

Oxidation reduction reactions
UF REDOX reactions
BT Chemical reactions+
NT Disproportionation

Oxidation resistance
RT Oxidation
BT Corrosion resistance+

Oxide cathodes
BT Cathodes+

Oxides
RT Hydroxides
Oxidation
BT Group VI compounds+
NT Alkaline earth oxides+
Aluminum oxides
Bismuth oxides
Boron oxides
Cobalt oxides
Dioxides+
Ethylene oxide
Gadolinium oxide
Iron oxides
Lead oxides+
Manganese oxides
Monoxides+

Oxides (cont.)
Nitrogen oxides+
Peroxides+
Phosphine oxides
Silver oxides
Sulfur oxides
Superoxides
Tetroxides
Thorium oxides+
Titanium oxides+
Tungsten oxides
Yttrium oxides
Zinc oxides
Zirconium oxides

Oxidizers
UF Oxidants
RT Oxidation
NT Liquid rocket oxidizers
Solid rocket oxidizers

Oxidoreductases
UF Oxidases
Tyrosinase
Xanthine oxidase
BT Enzymes
NT Catalase
Cytochrome oxidase
Diamine oxidase
Monoamine oxidase
Peroxidases
Superoxide dismutase

Oximes
RT Imides
NT Aldoximes

Oximeters
Devices for continuously measuring the degree of oxygen saturation of the circulating blood.
BT Measuring instruments+

Oxybromides
BT Bromides+
Oxyhalides+

Oxychlorides
BT Chlorides+
Oxyhalides+

Oxyfluorides
BT Fluorides+
Oxyhalides+

Oxygen
RT Oxygen compounds
BT Nonmetals+
NT Liquid oxygen

Oxygen compounds
RT Oxygen
BT Chemical compounds
NT Organic oxygen compounds

Oxygen compounds (cont.)
Oxygen heterocyclic compounds+
Oxyhalides+
Oxynitrides
Ozone+
Ozonides

Oxygen consumption
BT Consumption

Oxygen electrodes
BT Electrodes

Oxygen equipment
RT Breathing apparatus
NT Oxygen masks

Oxygen generators
BT Gas generating systems

Oxygen heterocyclic compounds
UF O-heterocyclic compounds
BT Heterocyclic compounds+
Oxygen compounds+
NT Dioxanes
Dioxins
Epoxy compounds+
Furans
Lactones+

Oxygen iodine lasers
(1-OCT-1994)
BT Excimers+

Oxygen masks
BT Breathing masks+
Oxygen equipment

Oxyhalides
BT Halides+
Inorganic compounds+
Oxygen compounds+
NT Oxybromides
Oxychlorides
Oxyfluorides

Oxylates
BT Esters+

Oxynitrides
BT Nitrides+
Oxygen compounds+

Oxytetracycline
UF Terramycin
BT Tetracyclines+

Oxytocin
use Pituitary hormones

Oysters
BT Pelecypoda+

Ozonation
RT Ozone
BT Oxidation+

Ozone
RT Ozonation
BT Oxygen compounds+
NT Ozone layer

Ozone depletion
(1-APR-1998)
RT Ozone layer
BT Air pollution+

Ozone layer
RT Earth atmosphere
Ozone depletion
BT Ozone+

Ozonides
BT Oxygen compounds+

O-heterocyclic compounds
use Oxygen heterocyclic compounds

P

P band
225 to 390 mhz
BT Very high frequency+

P type semiconductors
RT N type semiconductors
BT Semiconductors+

Pacemakers
RT Heart
BT Medical equipment

Pacific Ocean
BT Oceans+
NT North Pacific Ocean+
South Pacific Ocean

Pacific Ocean Islands
BT Islands+
NT Aleutian Islands
Borneo
Galapagos Islands
Japan+
Johnston Island
Kurile Islands
Melanesia+
Micronesia+
Philippines
Polynesia+
Santa Barbara Islands
Taiwan
Volcano Islands

Pacinian corpuscles
use End organs

Pack ice
UF Ice packs
BT Sea ice+

Packaged amplifiers
use all Amplifiers
Packaged circuits

Packaged circuits
UFC Packaged amplifiers
BT Circuits+

Packaging
RT Encapsulation
Packing density
NT Bundles
Containerizing
Packets
Packing materials

Packet switching
(1-JUN-1989)
A data transmission process that transmits addressed packets such that a channel is occupied only for the duration of transmission of a packet.
RT Wave packets
BT Data transmission systems

Packets
RT Bundles
BT Packaging

Packing density
RT Packaging
BT Density+

Packing materials
Materials used for shipment and storage that are separable from the item being packed.
BT Packaging

Packings(Seals)
use Seals(Stoppers)

Pads(Cushions)
BT Furniture

Paging
RT Radio receivers
BT Communication and radio systems

Pain
UFC Neuralgia
RT Analgesia
BT Perception+
Senses(Physiology)+

Painleve equation
use Nonlinear differential equations

Painleve transcendents
use Nonlinear differential equations

Paint applicators
UF Paint brushes
Paint sprayers
RT Paints
BT Applicators+
Small tools+

Paint brushes
use Paint applicators

Paint primers
BT Paints+

Paint removers
Chemicals, solvents, and apparatus for removing paint, varnish, lacquers, shellac, etc.
UFC Lacquer removers
Varnish removers
BT Cleaning compounds
Solvents+

Paint sprayers
use Paint applicators

Paint thinners
BT Additives
Diluents
Solvents+

Paints
Pigmented coatings usually with organic binder and solvent.
UFC Anticorrosive paints
Antifouling paints
Fire resistant paints
Heat resistant paints
Insecticidal paints
RT Enamels
Lead titanates
Paint applicators
Titanium dioxide
Varnishes
BT Coatings
NT Paint primers
Plastic paints
Water base paints

Pair production
BT Nuclear reactions

Pakistan
BT South Asia+

Paleoclimatology
(1-JUN-1989)
The study of climates in the geologic past, involving the interpretation of glacial deposits, fossils, and paleogeographic isotopic and sedimentologic data.
BT Climatology+

Paleoecology
use Ecology

Paleomagnetism
(1-JUN-1989)
The study of natural remanent magnetization in order to determine the intensity and direction of the earth's magnetic field in the geologic past.
BT Geomagnetism+

Paleontology
UF Invertebrate fossils
Vertebrate fossils
RT Fossils
Palynology
BT Geology+
NT Mesozoic era
Micropaleontology

Palestinians
(1-MAY-1983)
A native or inhabitant of Palestine.
BT Arabs+

Palladium
RT Palladium alloys
Palladium compounds
BT Precious metals+

Palladium alloys
RT Palladium
Palladium compounds
BT Alloys

Palladium compounds
RT Palladium
Palladium alloys
BT Group VIII compounds+

Pallet racks
use Pallets

Pallets
UF Pallet racks
RT Platforms
BT Materials handling equipment

Palynology
RT Paleontology
BT Botany+
NT Pollen

PAM(Modulation)
use Pulse amplitude modulation

Panama
UF Canal Zone
BT Central America+

Panama Canal
BT Canals+

Pancreas
UF Islands of Langerhans
RT Pancreatic diseases
Pancreatic hormones
BT Gastrointestinal system+
Glands+

Pancreatic diseases
RT Pancreas
BT Diseases
NT Pancreatitis

Pancreatic hormones
RT Pancreas
BT Hormones+
NT Glucagon
Insulin

Pancreatitis
BT Pancreatic diseases+

Panel(Committee)
BT Teams(Personnel)+

Panel boards(Electricity)
BT Circuit boards+
Control panels+

Panels
RT Baffles
Flat panel displays
NT Aircraft panels
Sandwich panels
Solar panels+
Transparent panels

Panels(Heating)
use Radiant heating panels

Panoramic cameras
BT Cameras+
Panoramic equipment

Panoramic equipment
RT Panoramic photographs
Photographic equipment
NT Panoramic cameras
Panoramic scanners

Panoramic photographs
RT Panoramic equipment
BT Photographs+

Panoramic scanners
BT Panoramic equipment
Scanners

Panosteitis
BT Bones+
Inflammation+

Pansions
use Integral transforms

Papain
RT Pepsins
BT Peptide hydrolases+

Papaveraceous alkaloids
use Opium alkaloids

Paper
RT Paper industry
BT Materials
NT Filter paper
Paperboard
Recording paper+

Paper capacitors
BT Fixed capacitors+

Paper industry
RT Paper
BT Industries

Paperboard
BT Fiberboard
Paper+

Parabiosis

Parabolas
RT Parabolic antennas
BT Analytic geometry+
Curves(Geometry)+

Parabolic antennas
RT Parabolas
Parabolic bodies
BT Directional antennas+

Parabolic bodies
RT Parabolic antennas
BT Bodies of revolution+
Convex bodies+

Parachute canopies
BT Canopies
Parachutes

Parachute descents
Descent of personnel, supplies or ordnance items equipped with parachutes. For psychological factors, training, special equipment, etc., that are associated with the use of parachutes by personnel, see Parachute jumping. For planning, strategy, equipment, etc., that are associated with the employment of parachute-dropped supplies or personnel for any purpose, see Air drop operations.
RT Parachute jumping
BT Descent

Parachute fabrics
BT Fabrics+
Parachutes

Parachute flares
UFC Aircraft parachute flares
BT Flares+

Parachute jumping
RT Parachute descents
Parachutists
BT Air drop operations+

Parachute packs
BT Parachutes

Parachutes
RT Rescue equipment
NT Ballutes
Cargo parachutes
Drogue parachutes
Parachute canopies
Parachute fabrics
Parachute packs
Parafoils
Ribbon parachutes
Ripcords
Rotorchutes
Spin recovery parachutes

Parachutists
RT Parachute jumping
BT Personnel
NT Paratroopers

Paracompact spaces
use Topology

Parafoils
(1-OCT-1999)
RT Parawings
BT Parachutes

Paraguay
(1-DEC-1984)
A country in Central South America.
BT South America+

Parainfluenza virus
BT Myxoviruses+

Parallax computers
BT Fire control computers+

Parallel orientation
BT Orientation(Direction)

Parallel processing
RT Parallel processors
BT Processing

Parallel processors
RT Parallel processing
BT Central processing units+

Paralysis
BT Pathology+

Paramagnetic materials
Materials having magnetic permeabilities greater than unity.
RT Paramagnetism
BT Magnetic materials

Paramagnetic resonance
BT Magnetic resonance+
Paramagnetism+
NT Electron paramagnetic resonance+

Paramagnetism
RT Paramagnetic materials
BT Magnetic properties+
NT Paramagnetic resonance+

Paramecium
BT Ciliata+

Paramedical sciences
BT Medicine+
NT Optometry

Paramedics
(1-JAN-1999)
RT Emergencies
BT Medical personnel+

Parameters
NT Reactor lattice parameters+

Parametric amplifiers
RT Power amplifiers
BT Microwave amplifiers+
Parametric devices

Parametric analysis
BT Mathematical analysis+
NT Bifurcation(Mathematics)

Parametric converters
BT Parametric devices
NT Parametric frequency converters

Parametric devices
NT Parametric amplifiers
Parametric converters+

Parametric frequency converters
BT Frequency converters
Parametric converters+

Parametric instability
BT Instability

Parametric programming
BT Mathematical programming+

Parametrons
RT Oscillators
BT Tuned circuits+

Paramilitary forces
BT Military personnel+

Paranasal sinuses
UF Ethmoid sinus
Frontal sinus
Maxillary sinus
Nasal sinuses
Sinuses(Paranasal)
Sphenoid sinus
RT Nose(Anatomy)
BT Respiratory system+

Parapepsin
use Pepsins

Parapsychology
UF ESP
Extrasensory perception
Mental telepathy
Psychical research
Telepathy(Mental)
BT Perception(Psychology)+

Parasite aircraft
BT Aircraft

Parasitemias
BT Parasitic diseases+

Parasites
RT Hosts(Biology)
Parasitic diseases
Ticks
BT Parasitology+
NT Ectoparasites
Intestinal parasites
Nematoda+
Schistosoma+

Parasitic diseases
RT Parasites
BT Infectious diseases+
NT Amebiasis
Coccidiosis
Elephantiasis
Gnathostomiasis
Helminthic diseases+
Intestinal parasitosis
Leishmaniasis
Malaria+
Parasitemias
Trypanosomiasis+

Parasitology
BT Biology+
NT Hosts(Biology)
Parasites+

Parasympathetic nervous system
use Autonomic nervous system

Parasympatholytic agents
UF Anticholinergic agents
Antiparasympathomimetic agents
Antiparkinson agents
Cholelytic agents
Cholinergic blocking agents
RT Scopolamine
BT Autonomic agents+
NT Hexamethonium compounds
Levodopa

Parasympathomimetic agents
UF Cholinergic drugs
Cholinergic nerve stimulants
Neostigmine
Prostigmine
BT Autonomic agents+
NT Arecoline
Carbachol
Cholinesterase inhibitors+
Physostigmine

Parathion
BT Insecticides+

Parathormone
use Parathyroid hormones

Parathyrin
use Parathyroid hormones

Parathyroid glands
RT Parathyroid hormones
BT Endocrine glands+

Parathyroid hormones
UF Parathormone
Parathyrin
RT Parathyroid glands
BT Hormones+

Paratroopers
BT Military personnel+
Parachutists+

Paravanes
BT Minesweepers+

Parawings
RT Parafoils
BT Wings+
NT Sailwings

Paredrine
use Amphetamines

Parenteral infusions
UF Infusions(Parenteral)
Intravenous feeding
BT Feeding
Infusions

Parity

Parkas
RT Overcoats
BT Protective clothing+

Parking facilities
BT Facilities

Parking orbit trajectories
BT Orbits+

Parotid glands
RT Mumps virus
BT Salivary glands+

Parotitis
use Mumps virus

Parsers
BT Grammars+

Partial body irradiation
RT Radiotherapy
BT Irradiation+
Radiation dosage+

Partial differential equations
UF Bloch equation
Elliptic differential equations
Field equation
Goldstein's model
Goursat problem
Hadamard's method
Heat equation
Hypercircle method
Kellog-Evans theorem
Liebman method
Riemann invariants
Stekloff problem
Time-like variables
Tricomi equation
Weinstein's equation
BT Differential equations+
NT Helmholtz equations
Hyperbolic differential equations
Maxwells equations
Navier Stokes equations
Poisson equation
Wave equations+

Partial pressure
RT Vapor pressure
BT Pressure

Participative management
BT Management

Particle accelerator components
BT Particle accelerators
NT Cyclotron magnets
Ion sources
Particle accelerator targets
Storage rings

Particle accelerator targets
UF Cyclotron targets
Targets(Accelerator)
BT Particle accelerator components+

Particle accelerator techniques
RT Particle accelerators
BT Nuclear physics+
NT Alpha bombardment
Deuteron bombardment
Helium bombardment
Ion bombardment
Proton bombardment
Triton bombardment

Particle accelerators
UF Cosmotron
RT Particle accelerator techniques
NT Collider accelerators
Cyclotrons
Electron accelerators+
Electrostatic accelerators+
Ion accelerators
Linear accelerators
Particle accelerator components+
Proton accelerators
Synchrotrons+

Particle beam weapons
(1-DEC-1984)
Nonnuclear weapons using a stream of high velocity particles or atomic and subatomic particles, excluding simulators for nuclear weapon-provided effects.
RT Particle beams
BT Directed energy weapons+

Particle beams
UF Beams(Particle)
RT Particle beam weapons
BT Beams(Radiation)
NT Atomic beams
Deuteron beams
Electron beams
Ion beams
Molecular beams
Neural particle beams
Neutral particle beams
Neutron beams
Photon beams
Proton beams
Triton beams

Particle board
use Composition board

Particle collisions
BT Collisions+

Particle counters
BT Counters
NT Alpha counters
Beta counters
Gamma counters
Geiger counters
Neutron counters
Proportional counters
Proton counters
Scintillation counters

Particle flux
RT Particles
BT Flux(Rate)+
NT Electron flux
Neutron flux

Particle image velocimetry
(1-JUL-1998)
BT Flow visualization+

Particle size
Includes techniques and equipment for measuring microscopic, or larger particles, e.g., those in aerosols.
RT Particles
BT Sizes(Dimensions)+
NT Fines+

Particle spectra
BT Spectra+
NT Alpha spectra
Beta ray spectrum
Mass spectra
Neutron spectrum

Particle trajectories
UF Trajectories(Particles)
RT Ionization trails

Particles
Minutely subdivided solids or liquids. For concepts relating to the ultimate constituents of matter, see Elementary particles. For suspensions of particles in various media, see Colloids.
RT Particle flux
Particle size
NT Drops+
Dust+
Particulates
Powders+

Particulates
BT Particles

Parts
RT Off the shelf equipment
NT Fittings+
Mechanical components+
Parts (cont.)
Nonstandard parts
Redundant components
Spare parts

Parturition
use Birth

Pascal programming language
(1-JUN-1989)
A high level language designed to enable teaching of programming as a systematic discipline and to do systems programming.
BT High level languages+

Passamaquoddy Bay
RT Maine
BT Bays+

Passenger aircraft
RT Commercial aircraft
Passengers
BT Transport aircraft+

Passenger vehicles
UF Automobiles
Buses
Cars
RT Passengers
BT Vehicles
NT Automotive vehicles+
Motorcycles

Passengers
RT Passenger aircraft
Passenger vehicles
BT Personnel

Passivation(Metallurgy)
(1-APR-1999)
Chemical treatment of a metal or alloy to inhibit corrosion.
BT Corrosion inhibition+

Passive defense
BT Defense systems
NT Emplacement

Passive sonar
BT Passive systems
Sonar

Passive systems
NT Passive sonar

Passivity

Pastes
RT Bonding
BT Adhesives

Pasteurella
BT Brucellaceae+
NT Franciscella tularensis

Pasteurella pestis
use Yersinia pestis

Pasteurella pseudotuberculosis
use Yersinia pseudotuberculosis

Pasteurella tularensis
use Franciscella tularensis

Pasteurization
RT Purification
BT Sterilization

Patent applications
BT Documents
Patents+

Patent office

Patents
RT Copyrights
Inventions
BT Documents
NT Patent applications

Path integrals
(1-OCT-1996)
BT Integrals+

Pathogenesis
RT Pathogenic materials
BT Pathology+

Pathogenic materials
RT Disease vectors
Pathogenesis
NT Enteropathogens
Pathogenic microorganisms+

Pathogenic microorganisms
RT Diseases
BT Microorganisms
Pathogenic materials
NT Prions(Pathogens)

Pathologists
RT Pathology
BT Medical personnel+

Pathology
The science of general pathological effects. For specific pathologic states, see Diseases.
UFC Myopathy
RT Dissection
Pathologists
BT Medicine+
NT Anoxia
Asphyxiation
Atrophy+
Autopsy
Blackout(Physiology)
Blindness+
Bradycardia
Carcinogenesis

Pathology (cont.)
Cytopathology+
Deafness
Dyspnea
Edema+
Fevers+
Frostbite
Heat stroke
Hemorrhage
Histopathology
Hyperoxia
Hypertension+
Hyperventilation
Hypotension
Hypothermia
Hypoxia
Malaise
Myocardial infarction
Narcosis
Necrosis
Neurocirculatory asthenia
Obstruction(Physiology)+
Paralysis
Pathogenesis
Pathophysiology
Plant pathology
Poisoning+
Shock(Pathology)+
Stenosis
Syncope
Transfection
Urethritis
Vertigo

Pathophysiology
(1-DEC-1984)
The functional changes that accompany a particular syndrome or disease.
BT Pathology+
Physiology

Paths
NT Flight paths+
Trajectories+

Patients
RT Humans
BT Personnel
NT Cardiac patients

Patrol aircraft
UF Scout aircraft
UFC Scout bombers
Scout trainers
RT Patrolling
BT Reconnaissance aircraft+

Patrol craft
RT Patrolling
BT Naval vessels(Combatant)+
NT Motor torpedo boats

Patrolling
RT Patrol aircraft
Patrol craft
Watch(Duty)
BT Maneuvers+

Pattern bombing
use Area bombing

Pattern making
RT Patterns

Pattern recognition
Comparison, evaluation, interpretation, or memorization of graphic displays by machines.
RT Change detection
Feature extraction
Patterns
BT Recognition+
NT Character recognition+

Patterns
RT Pattern making
Pattern recognition
NT Radiation patterns+
Templates

Paulins
UF Tarpaulins
BT Protective coverings+

Pavement bases
BT Pavements

Pavements
RT Asphalt
Bituminous coatings
Roads
NT Pavement bases
Shoulders(Pavements)

Pay
use Salaries

Payload

Payment
(1-APR-1999)
BT Finance
NT Disbursements
Grants

Payroll
use Salaries

PBX
use Plastic bonded explosives

PCM(Modulation)
use Pulse code modulation

PDM(Modulation)
use Pulse duration modulation

Peacekeeping
(1-OCT-1995)
RT Peacetime
BT Operations other than war+

Peacetime
RT Peacekeeping

Peak power
BT Peak values+
Power

Peak values
BT Range(Extremes)
NT Peak power

Peano curve
use Topology

Peanut oil
BT Vegetable oils+

Pearl Harbor
BT Harbors
Hawaii+

Pearlite
BT Steel+

Pearson's type 3 functions
use Statistical functions

Peas
BT Vegetables+

Peat
(1-MAY-1983)
A dark brown or black residuum produced by the partial decomposition and disintegration of mosses, sedges, trees, and other plants that grow in marshes and other wet places.
RT Organic soils
BT Fossil fuels+

Pectins
BT Polysaccharides+

Pediatrics
RT Children
BT Clinical medicine+

Peel strength
BT Strength(Mechanics)+

Peer groups
(1-SEP-1981)
Belonging to the same societal group; especially when membership is determined by age, grade or status. The same or equal in standing as in law, rank, quality or ability.
RT Roles(Behavior)

Pegmatite
BT Igneous rock+

Pelecypoda
BT Mollusca+
Shellfish+
NT Clams
Mussels
Oysters

Pellets
UFC Incendiary pellets
RT Granular materials

Pellicle
RT Protective coatings
BT Membranes(Biology)+

Peloruses
(1-OCT-1996)
A compass repeater used for direct navigation usually found on the deck or bridge of a ship.
BT Compasses+

Peltier effect
RT Thermoelectricity
BT Thermodynamic properties+

Pelts
use Fur

Pelvis
BT Musculoskeletal system+

Penalties
RT Regulations
BT Punishment+

Pencil beams
BT Narrow beams(Radiation)+

Pendulum type equations
use Differential equations

Pendulums
RT Clocks
BT Timing devices

Penetration
RT Penetration aids
Penetrometers
NT Ice penetration

Penetration aids
RT Penetration

Penetrometers
RT Penetration
BT Measuring instruments+

Penicillin acylase
RT Penicillinase
BT Hydrolases+

Penicillinase
RT Penicillin acylase
Penicillins
BT Amide hydrolases+

Penicillins
RT Penicillinase
Penicillium(Penicillins)
BT Antibiotics+

Penicillium(Penicillins)
RT Penicillins
BT Plectomycetes+

Peninsulas
BT Coastal regions+
NT Baja California
Guajira Peninsula
Iberian Peninsula+
Kamchatka Peninsula

Pennsylvania
BT United States+

Pentaboranes
BT Boranes+

Pentadienes
BT Dienes+
NT Biscyclopentadienones

Pentaerythritol tetranitrate
use PETN

Pentafluorides
BT Fluorine compounds+

Pentanes
BT Alkanes+

Pentanols
BT Alcohols+

Pentanones
BT Ketones+

Penthrite
use PETN

Pentobarbital
RT Barbiturates
BT Hypnotics and sedatives+

Pentodes
BT Electron tubes+

Pentolite
RT Nitrotoluenes
BT Explosives

Pentose phosphates
use Saccharide phosphates

Pentoses
UF Ribulose
BT Monosaccharides+
NT Arabinose
Ribose
Xylose

Pentothal sodium
use Barbiturates

Pentylenetetrazol
BT CNS stimulants+

Peoples Democratic Republic of Germany
use East Germany

Pepper
use Condiments

Pepsinogen
use Enzyme precursors

Pepsins
UF Parapepsin
RT Papain
BT Enzymes

Peptic ulcers
use all Gastrointestinal system Ulcers

Peptidases
use Peptide hydrolases

Peptide hydrolases
UF Coagulases
Peptidases
Proteases
Proteinases
Proteolytic enzymes
RT Peptides
BT Hydrolases+
NT Chymotrypsin
Clostridiopeptidase A
Papain
Plasmin
Renin
Thrombin+
Trypsin

Peptides
RT Peptide hydrolases
BT Proteins(Derived)+
NT Endorphins
Glutathione

Peptones
BT Proteins(Derived)+

Peracetic acid
BT Acetic acid+

Perception
RT Perception(Psychology)
Sensory deprivation
BT Physiology
NT Appetite
Auditory perception+
Contrast+
Pain
Space perception
Thirst
Thresholds(Physiology)
Visual perception+

Perception(Psychology)
RT Auditory perception
Perception
BT Psychology+
NT Parapsychology

Perch
use Fishes

Perchlorates
RT Perchloric acid
BT Chlorine compounds+
NT Ammonium perchlorate
Lithium perchlorate
Nitronium perchlorate

Perchloric acid
RT Perchlorates
BT Inorganic acids+

Perchloryl compounds
RT Perchloryl radicals

Perchloryl radicals
The univalent ion C103+.
RT Perchloryl compounds
BT Chemical radicals+

Percolation
RT Beds(Process engineering)
Lysimeters
BT Hydraulics+

Percussion fuzes
use Impact fuzes

Perforation
RT Cavities
BT Holes(Openings)+

Performance(Engineering)
RT Reliability
BT Test and evaluation

Performance(Human)
RT Performance appraisals
BT Behavior+
NT Proficiency

Performance appraisals
(1-APR-1998)
RT Performance(Human)

Performance appraisals (cont.)
BT Personnel development+

Performance tests
UF Personnel screening tests
NT Achievement tests
Aptitude tests
Intelligence tests
Psychological tests+

Perfusion
BT Diffusion

Peribronchiolitis
BT Respiratory diseases+

Pericardium
RT Endocardium
BT Heart+
Membranes(Biology)+

Peridontal diseases
use Oral diseases

Peridotite
BT Igneous rock+

Perigee
RT Perihelion
BT Elliptical orbit trajectories+

Perihelion
RT Perigee
BT Solar orbits+

Perimeter acquisition radar
BT Acquisition radar+

Perimeters(Defense)
BT Defense systems

Periodic functions
RT Fourier analysis
BT Functions(Mathematics)+

Periodic variations
UF Cyclic variations
Periodicity
BT Variations
NT Diurnal variations+
Seasonal variations

Periodicals
UF Magazines
BT Documents
NT Newspapers

Periodicity
use Periodic variations

Peripheral nervous system
RT Neuromuscular transmission
Peripheral neuropathy
BT Nervous system+
NT Cranial nerves+

Peripheral nervous system (cont.)
Sciatic nerve
Ulnar nerve

Peripheral neuropathy
RT Peripheral nervous system
BT Nervous system diseases+

Peripheral vision
BT Vision+

Peripheries
use Boundaries

Periscopes
BT Optical equipment
NT Periscopic gun sights+
Periscopic sextants
Submarine periscopes

Periscopic gun sights
BT Optical sights+
Periscopes+
NT Reflex sights

Periscopic sextants
BT Periscopes+
Sextants+

Perishable cargo
BT Cargo

Peristalsis
BT Motor reactions+

Peritoneum
UF Omentum
Peritonitis
RT Abdomen
BT Membranes(Biology)+

Peritonitis
use Peritoneum

Permafrost
RT Arctic regions
BT Frozen soils+

Permanent magnet generators
BT Magnetic devices

Permanent magnets
BT Magnets+

Permanents
use Determinants(Mathematics)

Permanganates
BT Manganese compounds+

Permeability
RT Permeameters
BT Physical properties
NT Semipermeability

Permeability(Magnetic)
BT Magnetic properties+

Permeameters
RT Permeability
BT Fluxmeters+

Permissible dosage
RT Radiation tolerance
BT Sublethal dosage+

Permittivity(Electrical)
(1-JUL-1999)
BT Electrical properties+

Permutations
BT Mathematics

Perovskites
RT Zirconates
BT Rock forming minerals+

Peroxidases
RT Peroxides
BT Oxidoreductases+

Peroxides
RT Peroxidases
BT Oxides+
NT Hydrogen peroxide
Hydroperoxides

Persian Gulf
BT Arabian Sea+
Gulfs+

Persian Gulf War
(1-OCT-1997)
BT Conventional warfare+

Personal computers
use Microcomputers

Personality
RT Personality tests
BT Psychology+

Personality tests
RT Personality
BT Psychological tests+

Personnel
RT Personnel management
NT Administrative personnel
Analysts
Aquanauts
Architects+
Attorneys
Aviation personnel+
Civilian personnel+
Communists
Computer personnel+
Consumers+
Contractors+
Crews+

Personnel (cont.)
Divers+
Donors(Medicine)+
Drug users
Enemy personnel+
Engineers+
Family members
Food service personnel+
Graduates
Handicapped persons
Historians
Industrial personnel+
Instructors
Law enforcement officers+
Librarians
Maintenance personnel
Management personnel+
Medical personnel+
Meteorologists
Military personnel+
Navigators
Noncombatant
Observers+
Oceanographers
Office personnel
Operators(Personnel)+
Parachutists+
Passengers
Patients+
Photointerpreters
Prisoners+
Refugees
Scientists+
Security personnel
Semiskilled personnel
Ship personnel+
Students+
Swimmers+
Teams(Personnel)+
Technicians+
Trainees
Translators+
Unskilled personnel

Personnel detection
RT Personnel detectors
BT Detection

Personnel detectors
RT Personnel detection
BT Detectors

Personnel development
RT Personnel selection
BT Personnel management+
NT Careers+
Journeyman level
Performance appraisals
Recruiting+
Vocational guidance

Personnel management
That phase of management concerned with the management and effective utilization of

Personnel management (cont.)
manpower to obtain optimum efficiency of human resources.
RT Administrative personnel
Corporate downsizing
Human resources
Personnel
BT Management
NT Absenteeism
Equal employment opportunity
Grade structure(Personnel management)
Job analysis+
Manpower+
Manpower utilization+
Personnel development+
Personnel retention
Promotion(Advancement)
Retirement(Personnel)
Supervision

Personnel retention
RT Personnel selection
BT Personnel management+

Personnel screening tests
use Performance tests

Personnel selection
RT Personnel development
Personnel retention
BT Selection

Perspex
use Acrylic resins

Perspiration
UF Sweating
RT Excretion
Exudation
Sweat glands
BT Body fluids+
Physiology

PERT
RT Production engineering
Project management
BT Management planning and control+

Perturbation theory
RT Perturbations
BT Theory

Perturbations
RT Perturbation theory
BT Numerical methods and procedures+

Peru
BT South America+

Pervitin
use Amphetamines

Pest control
UF Fumigation
RT Pesticides
BT Control
Pests
NT Biological pest control
Insect control+
Rodent control
Weed control+

Pesticides
UF Acaricides
Antipest impregnants
Miticides
RT Pest control
BT Biocides+
NT Fumigants
Fungicides
Herbicides+
Insecticides+
Molluscacides
Rodenticides

Pests
RT Insects
NT Pest control+

PETN
UF Pentaerythritol tetranitrate
Penthrite
BT Esters+
Explosives

Petrochemistry
RT Geochemistry
Petrology
BT Chemistry+

Petrography
RT Sedimentary rock
BT Geomorphology+
Sedimentology+

Petroleum
use Crude oil

Petroleum geology
BT Economic geology+
NT Oil fields

Petroleum industry
RT Petroleum products
BT Chemical industry+
NT Oil wells

Petroleum products
RT Asphalt
Petroleum industry
BT Fossil fuels+
Oil products+
Organic materials+
NT Crude oil+
Diesel fuels
Fuel oil
Gasoline+

Petroleum products (cont.)
Kerosene
Natural gas+

Petrology
RT Petrochemistry
BT Geology+
NT Mineralization

Peyote
use Anhalonium alkaloids

Pfiesteria
(1-JAN-1998)
BT Dinoflagellata+

PFM(Modulation)
use Pulse frequency modulation

Ph factor
Concentration of hydrogen ions, negative logarithm of the hydrogen ion concentration.
UF Hydrogen ion concentration
RT Alkalinity
Ph meters
BT Chemical properties+

Ph meters
RT Ph factor
BT Measuring instruments+

Phagocytes
RT Reticuloendothelial system
BT Cells(Biology)+
NT Macrophages

Phagocytosis
use Reticuloendothelial system

Phalanges
RT Fingers
BT Bones+

Pharmacies
RT Pharmacists
BT Medical services+

Pharmacists
RT Pharmacies
BT Medical personnel+

Pharmacognosy
use Pharmacology

Pharmacokinetics
RT Side reactions
BT Pharmacology

Pharmacological antagonists
BT Drugs

Pharmacological effects
use Pharmacology

Pharmacology
UF Materia medica
Pharmacognosy
Pharmacological effects
RT Dosage
Drugs
NT Pharmacokinetics
Toxicology

Pharynx
use Throat

Phase
NT Liquid phases+
Metastable state+
Phase(Electronics)
Phase distortion
Phase studies+
Solid phases+
Vapor phases

Phase(Electronics)
BT Phase

Phase conjugation
(1-OCT-1995)
An adaptive optics system in which the wavefront to be corrected is measured directly.
BT Adaptive optics+

Phase control
RT Phase locked systems
BT Control

Phase detectors
RT Phase locked systems
BT Detectors

Phase diagrams
RT Phase modulation
Phase transformations
BT Diagrams+
Phase studies+

Phase distortion
BT Distortion
Phase

Phase locked communications
RT Phase locked systems
Phase modulation
BT Telecommunications+

Phase locked systems
RT Phase control
Phase detectors
Phase locked communications

Phase measurement
RT Phase meters
BT Measurement
Phase studies+

Phase meters
RT Phase measurement
BT Measuring instruments+

Phase modulation
RT Phase diagrams
Phase locked communications
BT Modulation

Phase shift
RT Phase shift circuits
Phase shift keyers

Phase shift circuits
RT Phase shift
BT Circuits+
NT Gyrators

Phase shift keyers
RT Phase shift
BT Communication equipment

Phase studies
The interrelationships among various physically distinct portions of non-homogenous systems. Includes transitions from one state to another only inasmuch as they relate to the systems as a whole.
BT Phase
NT Phase diagrams
Phase measurement
Phase transformations+

Phase transformations
UF Phase transitions
RT Critical temperature
Equations of state
Glass transition temperature
Latent heat
Neel temperature
Phase diagrams
Phase transformers
Transition temperature
Transitions
BT Phase studies+
Transformations
NT Boiling+
Condensation+
Crystallization+
Evaporation+
Freezing+
Gelation
Joule Thomson effect
Liquefaction
Melting+
Order disorder transformations
Solidification
Thawing+
Vaporization+
Vitrification

Phase transformers
RT Phase transformations
BT Transformers

Phase transitions
use Phase transformations

Phase velocity
(1-OCT-1991)
Velocity of a point that moves with a wave at constant phase; celerity.
RT Group velocity
Wavefronts
BT Waveforms

Phased arrays
RT Antenna arrays
BT Arrays

Phenanthrenes
RT Anthracenes
BT Aromatic hydrocarbons+

Phenolic plastics
RT Ablative materials
Phenols
BT Thermosetting plastics+
NT Carbon phenolic materials
Quartz phenolic materials

Phenols
RT Phenolic plastics
Thiols
BT Aromatic compounds+
Organic compounds
NT Bromphenol blue
Cannabinols
Catecholamines+
Nitrophenols+
Polyphenylenes
Resorcinol

Phenothiazines
UF Pyrathiazine
Thiodiphenylamine
BT Sulfur heterocyclic compounds+
NT Chlorpromazine

Phenoxyacetic acids
BT Acetic acid+

Phenyl ether
BT Aryl ethers+

Phenyl radicals
RT Phenylalanine
Phenylamines
BT Aryl radicals+

Phenylalanine
RT Phenyl radicals
BT Alanines+

Phenylamines
RT Phenyl radicals
BT Amines+

Phenylenediamines
BT Amines+

Phenyltoin
use Hydantoins

Pheophytins
use Chlorophylls

Pheromones
BT Biochemistry+

Philippine Sea
(1-SEP-1990)
That part of the western North Pacific Ocean lying east and north of the Philippines.
RT Philippines
BT North Pacific Ocean+

Philippines
RT Philippine Sea
BT Archipelagoes+
Pacific Ocean Islands+
Southeast Asia+

Philology
use Linguistics

Philosophy
BT Humanities

Phoca
use Seals(Mammals)

Phonemes
RT Phonetics
BT Speech articulation+
NT Vowels

Phonemics
use Phonetics

Phonetics
UF Phonemics
RT Phonemes
BT Speech articulation+

Phonocardiography
BT Cardiography+

Phonographs
BT Acoustic recording systems+
NT Tone arms
Turntables

Phonons
RT Acoustic fields
Sound
BT Elastic waves+

Phormia
use Diptera

Phosgene
UF Carbonyl chloride
CG
BT Poisonous gases+

Phosphatases
BT Phosphoric monoester hydrolases+
NT Acid phosphatase

Phosphate coatings
RT Phosphates
BT Coatings
Protective treatments+

Phosphate dehydrogenase
BT Dehydrogenases+

Phosphate glass
RT Phosphates
BT Glass+

Phosphates
RT Phosphate coatings
Phosphate glass
Phosphoric acids
BT Phosphorus compounds+
NT Adenosine phosphates
Monazite
Saccharide phosphates

Phosphazene
BT Nitrogen heterocyclic compounds+
Phosphorus heterocyclic compounds+
Polymers+

Phosphides
BT Phosphorus compounds+
NT Gallium phosphides
Indium phosphides

Phosphinates
RT Phosphinic acids
BT Esters+

Phosphine
RT Phosphinoborines
BT Hydrides+
NT Fluorophosphines
Phosphine oxides

Phosphine oxides
BT Oxides+
Phosphine+

Phosphinic acids
RT Phosphinates
BT Organic acids+

Phosphinoborines
RT Phosphine
BT Borines+
Phosphorus compounds+

Phosphites
BT Phosphorus compounds+

Phosphodiesterase
BT Esterases+

Phosphogluconate dehydrogenase
BT Dehydrogenases+

Phospholipids
BT Lipids
NT Lecithin

Phosphonates
RT Phosphonic acids
BT Esters+

Phosphonic acids
RT Phosphonates
BT Inorganic acids+
Organic acids+

Phosphonitrile chlorides
BT Chlorides+

Phosphonium compounds
BT Phosphorus compounds+

Phosphoproteins
UF Ovovitellin
Vitellin
BT Proteins(Conjugated)+
NT Casein

Phosphorescence
RT Bioluminescence
Chemiluminescence
Phosphorescent materials
Scintillation
BT Luminescence+

Phosphorescent materials
UFC Infrared phosphors
RT Phosphorescence
NT Phosphors

Phosphoric acids
RT Phosphates
BT Inorganic acids+

Phosphoric monoester hydrolases
UF Fluorophosphatase
BT Esterases+
NT Phosphatases+

Phosphorothioates
BT Organic phosphorus compounds+

Phosphors
RT Phosphorus
BT Phosphorescent materials

Phosphorus
RT Phosphors
Phosphorus alloys
Phosphorus compounds
BT Nonmetals+
NT Red phosphorus
White phosphorus

Phosphorus alloys
RT Phosphorus
Phosphorus compounds
BT Alloys

Phosphorus compounds
RT Phosphorus
Phosphorus alloys
BT Group V compounds+
Nonmetallic compounds+
NT Organic phosphorus compounds+
Phosphates+
Phosphides+
Phosphinoborines
Phosphites
Phosphonium compounds

Phosphorus heterocyclic compounds
UF P-heterocyclic compounds
BT Heterocyclic compounds+
Organic phosphorus compounds+
NT Phosphazene

Phosphorus transferases
UF Kinases
Pyruvic phosphoferase
Urokinase
BT Transferases+
NT Creatine phosphokinase
Hexokinase

Phosphorylases
BT Enzymes

Phosphorylation
The conversion of an organic compound into an organic phosphate.
BT Metabolism+

Photoactivation analysis
(1-MAY-1981)

Photocathodes
RT Image orthicons
Photodiodes
Photomultiplier tubes
BT Cathodes(Electron tubes)+
Photoelectric materials

Photochemical effects
use Photochemical reactions

Photochemical reactions
The effect of radiant energy, such as light, in producing chemical changes.
UF Photochemical effects
Photochemistry
Photoreduction
BT Chemical reactions+

Photochemistry
use Photochemical reactions

Photochromic materials
RT Photochromism
BT Photographic materials+

Photochromism
Light absorption effects in certain dyes which may be developed and erased upon suitable exposure to electromagnetic energy.
RT Photochromic materials
BT Chemical properties+

Photocoagulators
RT Coagulation
BT Medical equipment

Photocomposition
RT Photodecomposition
Photoengraving
BT Printing

Photoconductivity
Change of electrical conductivity by light.
RT Photoconductors
BT Electrical conductivity+
Transport properties+

Photoconductors
RT Photoconductivity
Photoelectric cells(Semiconductor)
BT Electric conductors
NT Infrared photoconductors

Photodecomposition
RT Photocomposition
Photolysis
BT Decomposition+

Photodegradation
BT Degradation

Photodetection
RT Photodetectors
BT Optical detection+

Photodetectors
RT Photodetection
BT Optical detectors+

Photodiodes
RT Photocathodes
Phototransistors
Phototubes
BT Semiconductor diodes+

Photodissociation
BT Dissociation+

Photoelasticity
Detecting and measuring strains and stresses by polarized light.
RT Dichroism
BT Elastic properties+

Photoelectric cells(Electron tubes)
use Phototubes

Photoelectric cells(Semiconductor)
RT Photoconductors
BT Cells
Semiconductor devices+
NT Infrared photoelectric cells

Photoelectric effect
BT Photoelectricity+

Photoelectric effect(Gamma rays)
Electron emission by gamma rays.

Photoelectric emission
UF Photoemission
RT Photoelectron spectra
Photoelectrons
BT Electron emission+

Photoelectric materials
Materials that undergo changes in electrical properties when exposed to radiation.
NT Infrared photoconductors
Photocathodes

Photoelectric pyrometers
RT Photoelectricity
BT Pyrometers+

Photoelectricity
RT Photoelectric pyrometers
BT Electricity
NT Photoelectric effect

Photoelectron spectra
RT Photoelectric emission
Photoelectrons

Photoelectrons
RT Photoelectric emission
Photoelectron spectra
Photoionization
Photovoltaic effect
BT Electrons+

Photoemission
use Photoelectric emission

Photoengraving
UF Photoetching
RT Photocomposition
BT Engraving

Photoetching
use Photoengraving

Photoflash ammunition
UFC Photoflash depth charges
BT Ammunition+
Photographic lighting systems+
Pyrotechnics
NT Photoflash bombs
Photoflash cartridges
Photoflash projectiles

Photoflash bombs
BT Bombs+
Photoflash ammunition+

Photoflash bulbs
use Photoflash lamps

Photoflash cartridges
BT Cartridges+
Photoflash ammunition+

Photoflash depth charges
use all Depth charges
Photoflash ammunition

Photoflash lamps
UF Photoflash bulbs
BT Electronic photoflash equipment+

Photoflash projectiles
BT Photoflash ammunition+
Projectiles+

Photofluorographic cameras
UF Cinefluorographic cameras
BT Cameras+

Photofragment spectroscopy
BT Spectroscopy

Photogeology
RT Photogrammetry
BT Aerial photography+
Geology+

Photogrammetry
RT Photogeology
BT Mapping
Photography
NT Stereophotogrammetry

Photographic acutance
UF Photographic sharpness
RT Photographic contrast

Photographic analysis
BT Photography
NT Photointerpretation+

Photographic chemicals
BT Chemicals
Photographic materials+
NT Photographic developers
Photographic emulsions
Photographic fixers
Toners

Photographic contrast
RT Photographic acutance
BT Contrast+
NT Photographic texture

Photographic data links
Excludes facsimile systems.
BT Data links+

Photographic developers
BT Photographic chemicals+

Photographic dosimeters
UF Film badges
BT Dosimeters+

Photographic driers
UF Film driers
BT Drying apparatus+
Photographic processing equipment+

Photographic emulsions
UF Emulsions(Photography)
RT Photographic film
Photosensitivity
BT Emulsions+
Photographic chemicals+

Photographic equipment
RT Panoramic equipment
BT Optical equipment
Photography
NT Cameras+
Film readers
Photographic filters
Photographic processing equipment+
Photographic projectors+
Shutters(Optics)+
Stereoscopic mapping instruments+

Photographic film
RT Photographic emulsions
Photographic negatives
BT Photographic recording media+
NT Black and white photographic film
Color film
Infrared film
Kalvar film
Microform+
Motion picture film

Photographic film (cont.)
Photographic film chips
Photographic grain
Photographic plates
Radiographic film
Reconnaissance film
Transparencies
X ray film

Photographic film chips
BT Photographic film+

Photographic filters
BT Optical filters+
Photographic equipment+

Photographic fixers
BT Photographic chemicals+

Photographic fog
BT Photographic images+

Photographic grain
RT Photographic images
BT Photographic film+

Photographic images
Latent and developed images.
RT Photographic grain
Photographic projectors
BT Images
NT Photographic fog
Photographic negatives
Photographic scale
Photographic texture
Photographic tone
Photographs+
Photointerpretability

Photographic intelligence
Evaluated information, concerning an actual or possible enemy or theater of operations, obtained from photographs.
RT Aerial photography
BT Intelligence

Photographic lenses
use Camera lenses

Photographic lighting systems
BT Camera components+
Lighting equipment+
NT Electronic photoflash equipment+
Photoflash ammunition+

Photographic materials
RT Photography
BT Materials
NT Photochromic materials
Photographic chemicals+
Photographic recording media+

Photographic negatives
RT Photographic film
BT Photographic images+

Photographic paper
BT Photographic recording media+
Recording paper+

Photographic plates
UF Plates(Photographic)
BT Photographic film+
Plates

Photographic printers
BT Photographic processing equipment+
Printing equipment
NT Contact printers
Projection printers+

Photographic processing
RT Photographic processors
BT Processing
NT Dry photographic processing

Photographic processing equipment
BT Photographic equipment+
Processing equipment
NT Photographic driers
Photographic printers+
Photographic processors+

Photographic processors
Devices for developing film or enlarging and printing photographs.
RT Photographic processing
BT Photographic processing equipment+
NT Projection printers+

Photographic projectors
UF Film projectors
Projectors(Film)
RT Photographic images
Screens(Displays)
BT Image projectors
Photographic equipment+
NT Motion picture projectors+
Stereoscopic projectors
Still projectors

Photographic reconnaissance
RT Reconnaissance cameras
BT Reconnaissance+
NT Multiband spectral reconnaissance

Photographic recording media
BT Photographic materials+
Photography
NT Photographic film+
Photographic paper
Photographs+

Photographic recording systems
BT Recording systems

Photographic rectifiers
BT Projection printers+

Photographic scale
RT Photographic tone
BT Photographic images+
Scale

Photographic sharpness
use Photographic acutance

Photographic texture
BT Photographic contrast+
Photographic images+

Photographic tone
RT Photographic scale
BT Photographic images+

Photographic windows
BT Camera components+

Photographs
RT Cameras
Frames(Photographs)
Photography
BT Photographic images+
Photographic recording media+
NT Aerial photographs
Ground photographs
Panoramic photographs

Photography
RT Cameras
Photographic materials
Photographs
NT Aerial photography+
Black and white photography
Color photography
Digital photography
Electrooptical photography
Electrophotography+
High speed photography+
Infrared photography
Microphotography
Motion picture photography+
Night photography
Photogrammetry+
Photographic analysis+
Photographic equipment+
Photographic recording media+
Photomacrographs
Photomicrography
Radar photography
Radiography+
Satellite photography
Sequential photography
Stereophotography
Ultraviolet photography
Underwater photography+
X ray photography

Photoheliographs
BT Telescopes+

Photointerpretability
The information content of photographs as they are affected by resolution, contrast, scale, or other characteristics.
RT Photointerpretation
BT Photographic images+

Photointerpretation
Art of identifying and describing objects in photographs, as for military or topographic significance.
RT Photointerpretability
Photointerpreters
BT Photographic analysis+
NT Photointerpretation keys

Photointerpretation keys
BT Photointerpretation+

Photointerpreters
RT Photointerpretation
BT Personnel

Photoionization
RT Photoelectrons
BT Ionization+

Photolithography
RT Photomasking
BT Lithography+

Photoluminescence
BT Luminescence+

Photolysis
RT Photodecomposition
BT Lysis+

Photomacrographs
BT Photography

Photomagnetic effect
BT Magnetic properties+
Optical properties+

Photomasking
RT Photolithography
BT Masking

Photometers
RT Photometry
BT Measuring instruments+
Optical instruments+
NT Exposure meters
Fluorometers
Hydrophotometers
Microphotometers

Photometry
RT Photometers
NT Spectrophotometry

Photomicrography
BT Photography

Photomultiplier tubes
RT Photocathodes
BT Electron multipliers+
Phototubes+

Photon beams
RT Beams(Radiation)
Photons
BT Particle beams+

Photon bombardment
BT Light pulses+

Photon cross sections
RT Photonuclear reactions
BT Nuclear cross sections+

Photonics
(1-OCT-1991)
The study and technology of the use of light for the transmission of information.
RT Photons

Photons
RT Light
Photon beams
Photonics
BT Bosons+

Photonuclear reactions
RT Photon cross sections
BT Nuclear reactions
NT Annihilation reactions+
Gamma neutron reactions
Gamma proton reactions

Photoperiodism

Photopia
use all Adaptation(Physiology)
Vision

Photoplastic materials
BT Plastics+

Photoreceptors
RT Photosensitivity
BT End organs+
NT Retina+

Photorecombination lasers
BT Lasers+

Photoreduction
use Photochemical reactions

Photorefractive materials
(1-OCT-1994)
Material in which a pattern can be established by the illumination of the material at a certain intensity and frequency band.
BT Optical materials+

Photoresist coatings
(1-SEP-1990)
Light-sensitive coatings applied to a substrate or board, exposed and developed prior to chemical etching; the exposed areas serve as a mask for selective etching.
BT Coatings

Photoresistors
BT Resistors+

Photosensitivity
RT Photographic emulsions
Photoreceptors
BT Sensitivity
NT Photosensitivity(Biological)

Photosensitivity(Biological)
BT Photosensitivity+

Photosphere
BT Solar atmosphere+

Photosynthesis
RT Chlorophylls
Chloroplasts
BT Biosynthesis+
Synthesis(Chemistry)+

Phototheodolites
UF Cinetheodolites
Kinetheodolites
BT Theodolites+

Photothermal energy
RT Photothermal properties
Thermodynamics
BT Energy

Photothermal properties
RT Photothermal energy
BT Thermal properties+

Phototransistors
RT Photodiodes
Phototubes
BT Transistors+

Phototubes
UF Photoelectric cells(Electron tubes)
RT Photodiodes
Phototransistors
BT Cold cathode tubes+
NT Cesium electron tubes
Photomultiplier tubes

Photovoltaic effect
RT Photoelectrons
BT Optical properties+

Phragmen-Lindelof theorem
use Complex variables

Phrase structure grammars
BT Grammars+

Phrenic nerves
BT Nerves+

Phthalates
RT Phthalic acids
BT Esters+

Phthalic acids
RT Phthalates
BT Carboxylic acids+

Phthalocyanines
RT Pigments
BT Heterocyclic compounds+

Physical chemistry
BT Chemistry+
NT Molecular dynamics
Quantum chemistry+

Physical fitness
RT Exercise(Physiology)
Posture(Physiology)
Repetitive stress injuries
Weight reduction
BT Health

Physical metallurgy
BT Metallurgy+
NT Metallography+
Tractable

Physical properties
RT Constants
NT Acoustic properties+
Anisotropy
Boiling point
Buoyancy
Conductivity+
Constitutive properties
Cracks+
Density+
Diffusivity
Electromagnetic properties+
Hydrophobic properties
Inertia+
Isotropism
Magnetic properties+
Mass
Mechanical properties+
Optical properties+
Permeability+
Physicochemical properties+
Porosity
Sizes(Dimensions)+

Physical properties (cont.)
Soil resistant properties
Solubility+
Specific volume
Structural properties+
Surface properties+
Transport properties+
Weightlessness

Physical sciences
NT Aeronomy+
Astronomy+
Chemistry+
Earth sciences+
Metallurgy+
Physics+

Physical therapy
BT Therapy+

Physicians
UF Doctors
BT Medical personnel+
NT Oncologists
Surgeons+

Physicists
RT Physics
BT Scientists+

Physicochemical properties
BT Chemical properties+
Physical properties
NT Energetic properties+

Physics
RT Physicists
Physics laboratories
BT Physical sciences
NT Astrophysics
Atmospheric physics+
Biophysics+
Geophysics+
Nuclear physics+
Plasmas(Physics)+
Psychophysics
Solar physics+
Solid state physics+

Physics laboratories
RT Physics
BT Laboratories+
NT Nuclear physics laboratories

Physiological age
use Aging(Physiology)

Physiological chemistry
use Biochemistry

Physiological disorientation
BT Physiological effects+

Physiological effects
BT Physiology
NT Irritation
Physiological disorientation

Physiological psychology
use Psychophysiology

Physiologists
RT Physiology
BT Medical personnel+

Physiology
RT Physiologists
NT Adaptation(Physiology)+
Aging(Physiology)
Albinism
Blood circulation+
Blood pressure
Body temperature+
Digestion(Biology)+
Electrolytes(Physiology)
Electrophysiology
Emesis
Equilibrium(Physiology)
Excretion
Exercise(Physiology)
Fatigue(Physiology)
Growth(Physiology)+
Mastication
Melanism
Metabolism+
Neurochemical transmission
Neuromuscular transmission+
Neurophysiology+
Osteolysis
Pathophysiology
Perception+
Perspiration
Physiological effects+
Posture(Physiology)
Psychophysiology+
Reflexes+
Regeneration(Physiology)
Relaxation(Physiology)
Reproduction(Physiology)+
Respiration+
Secretion
Senses(Physiology)+
Sex+
Shivering
Sleep+
Stimulation(Physiology)
Strength(Physiology)
Stress(Physiology)+
Tolerances(Physiology)+
Vasomotor reactions

Physostigmine
BT Parasympathomimetic agents+

Phytophthora
BT Oomycetes+

Phytoplankton
BT Plankton+

Phytotoxicity
(1-NOV-1980)
Relating to or state of being phytotoxic.
RT Phytotoxins
BT Toxicity

Phytotoxins
(1-NOV-1980)
A toxin produced by plants.
RT Phytotoxicity
BT Toxins and antitoxins
NT Ricin

Pi mesons
use Pions

PIBD fuzes
use all Base detonating fuzes
Point initiating fuzes

Picard's method
use Differential equations

Picard's theorem
use all Complex variables
Differential equations

Picket ships
UFC Destroyer radar pickets
Submarine radar pickets
BT Naval vessels(Combatant)+

Pickles
BT Food

Pickling
RT Pickling compositions
BT Chemical cleaning+

Pickling compositions
RT Pickling
BT Cleaning compounds

Picornaviruses
(1-SEP-1981)
A viral group made up of small (18-30 nanometers), ether-sensitive viruses that lack an envelope and have a ribonucleic acid genome; among subgroups included are enteroviruses and rhinoviruses, both human origin, and foot and mouth disease and encephalomyocarditis of non-human origin.
BT Viruses+
NT Enteroviruses+
Foot and mouth disease virus
Rhinoviruses

Picramic acid
(1-MAY-1983)
A crystalline acid, forming dark red needles from alcohol solutions, melting at 169-170 degrees c; used in dye manufacture and as a reagent in tests for albumin.
RT Pigments
BT Organic acids+

Picric acid
BT Organic acids+

Picrite
use Nitroguanidine

Picture badges
BT Identification systems+

Pictures
For graphic representations produced by photographic means, see Photographs.
BT Documents
Images

Piers
UF Docks(Piers)
Wharves
BT Waterfront structures+

Piezoelectric crystals
BT Crystals+
Piezoelectric materials+

Piezoelectric effect
RT Piezoelectric gages
Piezoelectric materials
Piezometers
BT Piezoelectricity+

Piezoelectric gages
RT Piezoelectric effect
Piezometers
BT Pressure gages+

Piezoelectric materials
RT Piezoelectric effect
BT Materials
NT Piezoelectric crystals

Piezoelectric transducers
BT Transducers
NT Surface acoustic wave devices

Piezoelectricity
BT Electrical properties+
NT Electrostriction
Piezoelectric effect

Piezometers
(1-JUN-1989)
Instruments used for measuring either fluid pressure or the compressibility of materials.
RT Piezoelectric effect
Piezoelectric gages
BT Pressure gages+

Pigeons
BT Birds+

Pigments
Coloring matter in materials. For pigmentation in organisms, see Organic pigments.
UFC Zinc pigments
RT Carotenoids
Chromophores
Phthalocyanines
Picramic acid
BT Colorants
NT Organic pigments+

Pigs
use Swine

Pile drivers
BT Construction equipment+

Pile structures
BT Structures
NT Dolphins(Structures)

Pilot plants
RT Prototypes
BT Industrial plants

Pilot seats
BT Aircraft seats+

Pilot studies
RT Prototypes
BT Laboratory procedures+

Pilots
BT Aviation personnel+
Operators(Personnel)+

Pin diodes
BT Semiconductor diodes+

Pinch effect
RT Magnetic fields
BT Plasma control+
NT Z pinch plasmas

Pineal gland
BT Glands+

Pineapples
BT Fruits+

Pingers
BT Electroacoustic transducers+
Sonar projectors+

Pinnipedia
use Seals(Mammals)

Pins
RT Needles
BT Fastenings
NT Dowels
Shear pins

Pintles
BT Pivots+

Pions
UF Pi mesons
BT Heavy bosons+
Mesons+

Pipe bends
BT Pipes

Pipe fittings
BT Fittings+

Pipe flow
(1-OCT-1991)
BT Channel flow+
NT Poiseuille flow

Pipe wrenches
BT Wrenches+

Pipelines
BT Pipes

Piperazines
BT Amines+

Piperidines
BT Amines+
NT Meperidine

Pipes
RT Conduits
Ducts
Tubes
NT Exhaust pipes
Heat pipes
Pipe bends
Pipelines
Piping systems
Steam pipes
Water pipes

Pipettes
BT Laboratory equipment

Piping systems
BT Pipes

Piricularia
BT Deuteromycetes(Imperfect fungi)+

Pisces
use Fishes

Pistols
UF Revolvers
BT Small arms+

Piston engines
RT Pistons
BT Engines
NT Reciprocating engines+

Piston rings
RT Pistons
BT Engine components+
Rings+

Pistons
RT Piston engines
Piston rings
BT Engine components+

Pitch(Acoustic)
use Sound pitch

Pitch(Inclination)
RT Variable pitch propellers
BT Angles
Attitude(Inclination)+

Pitch(Material)
BT Organic materials+
NT Asphalt
Tar+

Pitch(Motion)
BT Motion

Pitch discrimination
RT Sound pitch
BT Discrimination
Hearing+

Pitot tubes
UF Impact tubes
RT Flowmeters
BT Pressure gages+
Tubes

Pitting
BT Surface roughness+

Pituitary extract
use all Pituitary gland
Tissue extracts

Pituitary gland
UFC Cushing's disease
Pituitary extract
RT Pituitary hormones
BT Endocrine glands+

Pituitary hormones
UF Oxytocin
Vasopressin
RT Gonadotropins
Pituitary gland
BT Hormones+
Pituitary hormones (cont.)
NT Adrenocorticotropic hormone
Thyrotropin

Pivoted wing aircraft
use Tilt wing aircraft

Pivots
BT Joints
NT Pintles

Pixels
(1-OCT-1992)
The smallest part of an electronically coded picture element.
BT Images

Placebos
BT Drugs

Placenta
RT Fetus
BT Reproduction(Physiology)+

Plagioclase
BT Feldspar+

Plague vaccine
RT Plagues
BT Vaccines+

Plagues
RT Plague vaccine
BT Infectious diseases+

Plan position indicators
BT Display systems

Planar gratings
use Gratings(Spectra)

Planar structures
BT Structures

Plane geometry
BT Geometry+

Plane waves
BT Waves

Planetary atmospheres
Excludes the earth's atmosphere.
RT Planets
BT Atmospheres
NT Earth atmosphere+
Endoatmosphere
Plasmasphere

Planetary gears
(1-DEC-1984)
An assembly of meshed gears consisting of a central gear, a coaxial internal or ring gear, and one or more intermediate or pinion gears supported on a revolving carrier.
BT Gears+

Planetary satellites
BT Solar system+
NT Moon

Planetary surface vehicles
BT Vehicles
NT Lunar surface vehicles

Planetology
BT Space sciences
NT Planets+

Planets
RT Planetary atmospheres
BT Planetology+
Solar system+
NT Earth(Planet)+
Mars(Planet)
Mercury(Planet)
Outer planets+
Venus(Planet)

Planform
RT Planing surfaces
Profiles
BT Shape+

Planimetry
RT Surfaces
BT Measurement

Planing surfaces
RT Planform
BT Hydrodynamic configurations
NT Hydrofoils+

Plankton
BT Aquatic organisms
NT Nekton
Phytoplankton
Plankton blooms
Zooplankton

Plankton blooms
BT Plankton+

Planning
NT Defense planning+
Logistics planning+
Management planning and control+
Regional planning+
Urban planning

Planning programming budgeting
BT Management planning and control+

Plant growth
RT Horticulture
Plant pathology
Plant propagation
BT Growth(Physiology)+
Plants(Botany)+
NT Germination
Plant hormones

Plant hormones
UF Plant regulators
BT Growth substances+
Hormones+
Plant growth+

Plant pathology
RT Plant growth
Plant tissue
BT Pathology+
Plants(Botany)+

Plant pigments
use Organic pigments

Plant propagation
(1-DEC-1984)
A natural reproduction or production of young plants.
RT Plant growth
BT Propagation

Plant regulators
use Plant hormones

Plant roots
BT Plant tissue+

Plant tissue
RT Plant pathology
BT Plants(Botany)+
Tissues(Biology)
NT Chloroplasts
Plant roots

Planting
RT Plants(Botany)
BT Agriculture

Plants(Botany)
UF Flora
Tradescantia
RT Planting
Vegetables
BT Botany+
NT Alfalfa
Algae+
Aquatic plants+
Cannabis
Farm crops+
Fungi+
Grasses
Manioc plants
Orchards
Plant growth+
Plant pathology

Plants(Botany) (cont.)
Plant tissue+
Poppy plants
Shrubs
Trees+
Vegetation+
Weeds+

Plants(Engineering)
use Industrial plants

Plants(Industries)
use Industrial plants

Plasma(Blood)
use Blood plasma

Plasma accelerators
BT Plasma devices+

Plasma arc welding
BT Arc welding+

Plasma chromatography
BT Chromatography+

Plasma clots
use Blood coagulation

Plasma control
RT Plasmas(Physics)
BT Control
NT Pinch effect+

Plasma devices
BT Plasmas(Physics)+
NT Plasma accelerators
Plasma engines
Plasma generators
Plasma opening switches
Stellarators
Tokamaks

Plasma diagnostics
RT Plasmas(Physics)
BT Diagnosis(General)

Plasma engines
UF Electromagnetic engines
Plasma rockets
RT Arc jet engines
BT Electric engines+
Plasma devices+
Rocket engines+

Plasma expanders
use Blood plasma substitutes

Plasma generators
BT Electric generators+
Plasma devices+

Plasma instabilities
(1-OCT-1995)
BT Plasmas(Physics)+

Plasma jets
BT Plasmas(Physics)+

Plasma opening switches
(1-JAN-1999)
BT Plasma devices+

Plasma oscillation
RT Plasma waves
BT Oscillation+
Plasmas(Physics)+

Plasma proteins
use Blood proteins

Plasma rockets
use Plasma engines

Plasma sheaths
RT Atmosphere entry
BT Plasmas(Physics)+

Plasma spraying
RT Flame spraying

Plasma substitutes
use Blood plasma substitutes

Plasma transfusions
use Blood transfusion

Plasma volume
use Blood volume

Plasma waves
RT Plasma oscillation
Plasmons
BT Plasmas(Physics)+

Plasmas(Physics)
RT Plasma control
Plasma diagnostics
BT Physics+
NT Laser produced plasmas
Plasma devices+
Plasma instabilities
Plasma jets
Plasma oscillation
Plasma sheaths
Plasma waves
Plasmons
Solar wind
Z pinch plasmas

Plasmasphere
(1-MAY-1983)
A region of relatively dense, cold plasma surrounding the earth and extending out to altitudes of approximately 2 to 6 earth radii composed predominantly of electrons and protons, with thermal energies not exceeding several electron volts.
BT Planetary atmospheres+

Plasmids
(1-SEP-1990)
Any extrachromosomal self-replicating element of a cell.
RT Plasmin
BT Genetics+

Plasmin
UF Fibrinolysin
RT Plasmids
BT Peptide hydrolases+

Plasminogen
use Enzyme precursors

Plasmodium
RT Malaria
BT Hemosporidia+
NT Plasmodium berghei
Plasmodium falciparum
Plasmodium knowlesi
Plasmodium vivax

Plasmodium berghei
BT Plasmodium+

Plasmodium falciparum
BT Plasmodium+

Plasmodium knowlesi
BT Plasmodium+

Plasmodium vivax
BT Plasmodium+

Plasmons
RT Magnons
Plasma waves
BT Plasmas(Physics)+
Quantum theory+

Plastic boats
BT Boats

Plastic bonded explosives
UF PBX
RT Plastic explosives
BT Explosives

Plastic coatings
RT Polymeric films
BT Organic coatings+
NT Nylon coatings
Plastic paints

Plastic deformation
RT Creep
BT Deformation

Plastic explosives
UFC HEP projectiles
HESH projectiles
RT Plastic bonded explosives
BT Explosives

Plastic flow
RT Creep
BT Flow
Plastic properties+

Plastic foams
use Expanded plastics

Plastic gaskets
use Plastic seals

Plastic laminates
use Laminated plastics

Plastic lenses
BT Lenses

Plastic paints
BT Paints+
Plastic coatings+

Plastic properties
UF Plasticity
RT Elastic properties
Plastics
BT Mechanical properties+
NT Elastoplasticity
Plastic flow
Superplasticity
Viscoplasticity

Plastic seals
UF Plastic gaskets
BT Seals(Stoppers)

Plastic surgery
BT Surgery+
NT Breast reconstruction

Plasticity
use Plastic properties

Plasticizers
BT Additives
NT Solid rocket propellant plasticizers

Plastics
UF Resins
UFC Optical plastics
RT Fluoropolymers
Olefin resins
Plastic properties
Plastics industry
BT Materials
NT Cellophane
Expanded plastics
Heat resistant plastics
Laminated plastics
Photoplastic materials
Polyester plastics
Polyimide plastics
Polyurethane resins
Reinforced plastics+
Styrene plastics+
Thermoplastic resins+

Plastics (cont.)
Thermosetting plastics+

Plastics industry
RT Plastics
BT Chemical industry+
Industries

Plate tectonics
(1-SEP-1990)
A theory of global tectonics in which the lithosphere is divided into a number of plates whose pattern of horizontal movement is that of torsionally rigid bodies that interact with one another at their boundaries, causing seismic and tectonic activity at these boundaries.
RT Earth crust
BT Tectonics+
NT Continental drift
Seafloor spreading

Plateaus
BT Topography

Platelets(Blood)
use Blood platelets

Plates
NT Armor plate
Faceplates
Flyer plates
Metal plates+
Photographic plates

Plates(Metal)
use Metal plates

Plates(Photographic)
use Photographic plates

Platforms
RT Pallets
NT Floating platforms
Stabilized platforms

Plating
UFC Zinc plating
BT Coatings
NT Electroless plating
Electroplating
Vapor plating

Platinum
RT Platinum alloys
Platinum compounds
BT Precious metals+

Platinum alloys
RT Platinum
Platinum compounds
BT Alloys

Platinum compounds
RT Platinum
Platinum alloys
BT Group VIII compounds+

Platoon level organizations
BT Company level organizations+
NT Squad level organizations

Platyhelminthes
(1-DEC-1984)
UF Flat worms
Tapeworms
BT Worms+
NT Trematodes+

Play
use Recreation

Playas
BT Dry lakes+

Playback

Plectomycetes
BT Fungi+
NT Molds(Organisms)
Penicillium(Penicillins)

Plenum chambers
BT Chambers

Pleochroism
BT Crystal structure+
NT Dichroism

Pleocytosis
BT Cytopathology+

Plethysmography
BT Measurement

Pleural pressure
BT Respiration+

Pleuropneumonia like organisms
UF PPLO
BT Mycoplasma+

Plexiglas
BT Polymethyl methacrylate+

Pliers
BT Small tools+
NT Conduit pliers

Plotters
Devices for plotting trajectories and courses.
UF Plotting instruments
RT Plotting
BT Input output devices+
NT Plotting boards
Stereoscopic map plotters

Plotting
RT Plotters

Plotting boards
UFC Radar plotting boards
Radio plotting boards
RT Firing tables
BT Plotters+

Plotting instruments
use Plotters

Plug in units
RT Off the shelf equipment
BT Modules(Electronics)+

Plug nozzles
BT Nozzles

Plug valves
BT Valves

Plugging
RT Seals(Stoppers)

Plugs
RT Blocking
BT Electrical equipment

Plumbicons
BT Camera tubes+

Plumbides
use Lead alloys

Plumes
BT Exhaust gases+
NT Exhaust plumes

Plunge bombs
use Depth bombs

Plunger pumps
RT Plungers
BT Pumps

Plungers
RT Plunger pumps
BT Small tools+

Pluto(Planet)
BT Outer planets+

Plutonates
BT Plutonium compounds+

Plutonium
RT Plutonium alloys
Plutonium compounds
BT Actinide series+
Transuranium elements+

Plutonium alloys
RT Plutonium
Plutonium compounds

Plutonium alloys (cont.)
BT Alloys

Plutonium compounds
RT Plutonium
Plutonium alloys
BT Transuranium compounds+
NT Plutonates

Plywood
UF Veneer
UFC Fire resistant plywood
BT Laminates+
Wood

Pneumatic actuators
RT Hydraulic actuators
BT Actuators
Pneumatic equipment

Pneumatic brakes
UF Air brakes
RT Hydraulic brakes
BT Brakes
Pneumatic equipment

Pneumatic devices
use Pneumatic equipment

Pneumatic equipment
(1-DEC-1984)
UF Pneumatic devices
UFC Pneumatic life rafts
RT Hydraulic equipment
NT Air springs
Air supplies+
Bleed systems
Compressors+
Pneumatic actuators
Pneumatic brakes
Pneumatic servomechanisms
Pneumatic valves+

Pneumatic life rafts
use all Life rafts
Pneumatic equipment

Pneumatic servomechanisms
RT Hydraulic servomechanisms
BT Pneumatic equipment
Servomechanisms

Pneumatic valves
RT Hydraulic valves
BT Pneumatic equipment
Valves
NT Electropneumatic valves

Pneumococcus
use Diplococcus pneumoniae

Pneumoconiosec
use all Diseases
Lung

Pneumocystis carinii
(1-OCT-1992)
The causitive agent of a highly contagious epidemic interstitial plasma cell pneumonia.
RT Pneumonia

Pneumocytes
BT Cells(Biology)+

Pneumogram
RT X ray diagnostics
BT Medical equipment

Pneumonia
RT Diplococcus pneumoniae
Klebsiella pneumoniae
Pneumocystis carinii
BT Respiratory diseases+
NT Bacterial pneumonia
Bronchopneumonia
Lobar pneumonia+
Streptococcal pneumonia
Viral pneumonia

Pnp transistors
BT Junction transistors+

Pockels cells
RT Birefringence
BT Cells
Light modulators+

Pockels effect
use Birefringence

Pocket computers
(1-OCT-1992)
BT Microcomputers+

Pocket knives
use Knives

Pods(External stores)
use External stores

Pohai Gulf
BT Gulfs+

Poincare duality(Theorem)
use Algebraic topology

Point defects
RT Impurities
BT Crystal defects+
NT Color centers
Vacancies(Crystal defects)

Point defense
BT Defense systems

Point detonating fuzes
UFC Point detonating projectile fuzes
Point detonating rocket fuzes
BT Fuzes(Ordnance)+

Point detonating fuzes (cont.)
Impact fuzes+

Point detonating projectile fuzes
use all Point detonating fuzes
Projectile fuzes

Point detonating rocket fuzes
use all Point detonating fuzes
Rocket fuzes

Point initiating fuzes
UFC PIBD fuzes
BT Fuzes(Ordnance)+

Point theorem
BT Topology+

Points(Mathematics)
BT Geometry+

Poiseuille flow
(1-JUN-1989)
The steady flow of an incompressible fluid parallel to the axis of a circular pipe of infinite length, produced by the pressure gradient along the pipe.
RT Laminar flow
BT Incompressible flow+
Pipe flow+
Steady flow+

Poisoning
RT Poisons
BT Pathology+
NT Alcoholism+
Carbon monoxide poisoning
Food poisoning+
Metal poisoning

Poisonous gases
RT Poisons
BT Chemical warfare agents+
Gases+
NT Phosgene

Poisons
RT Poisoning
Poisonous gases
BT Hazardous materials+
NT Burnable poisons
Mussel poisons
Venoms

Poisson density functions
BT Probability density functions+

Poisson equation
BT Partial differential equations+

Poisson ratio
BT Mechanical properties+
Ratios

Pol storage
RT Supply depots
BT Storage+

Poland
RT Polish language
BT Eastern Europe+

Polar cap
BT Ice caps+
Polar regions+

Polar cap absorption
BT Ionospheric disturbances+

Polar orbit trajectories
BT Orbits+

Polar regions
RT High latitudes
BT Cold regions+
NT Polar cap

Polarimeters
RT Polariscopes
Polarizers
BT Measuring instruments+
NT Polarimetry

Polarimetry
BT Measurement
Polarimeters+

Polariscopes
RT Polarimeters
Polarizers
BT Optical instruments+

Polarity
NT Depolarization
Multipolarity
Polarization+

Polarization
RT Depolarization
Polarizing filters
BT Polarity
NT Anodic polarization
Cross polarization
Linear polarization
Lorentz force
Polarizers

Polarized relays
BT Relays

Polarizers
RT Polarimeters
Polariscopes
BT Optical equipment
Polarization+

Polarizing filters
RT Polarization
BT Electromagnetic wave filters+

Polarographic analysis
RT Polarography
BT Chemical analysis

Polarography
RT Polarographic analysis
BT Electrical measurement+

Polarons
(1-APR-1998)
BT Quantum theory+

Polartrons
BT Cathode ray tubes+

Poles(Supports)
BT Structural components+
Supports+

Police
RT Crimes
BT Law enforcement officers+
NT Military police

Policies
RT Regulations
NT Foreign policy

Poliomyelitis
UF Infantile paralysis
RT Polioviruses
BT Virus diseases+

Poliomyelitis virus
use Polioviruses

Polioviruses
UF Poliomyelitis virus
RT Poliomyelitis
BT Enteroviruses+

Polish language
(1-JUN-1989)
RT Poland
BT Foreign languages+

Polishes
RT Polishing
BT Protective coatings+

Polishing
RT Polishes
BT Surface finishing+
NT Electrolytic polishing

Political alliances
BT Political science+
NT European communities+
Warsaw Pact countries+

Political negotiations
BT Negotiations
Political science+

Political parties
BT Political science+

Political revolution
(1-NOV-1980)
The overthrow or attempt to overthrow an established government or ruler.
UF Coups
BT Insurgency

Political science
BT Social sciences
NT Civic action
Civil affairs
Communism
Democracy+
Disarmament
Elections
Foreign policy
Geopolitics
Government(Foreign)
International politics+
Military government
Political alliances+
Political negotiations
Political parties
Public administration
Socialism
State government+
United Nations

Pollen
BT Palynology+
Spores+

Pollutants
BT Pollution+

Pollution
RT Pollution abatement
BT Contamination
NT Air pollution+
Noise pollution
Oil pollution
Pollutants
Soil pollution+
Thermal pollution
Water pollution

Pollution abatement
RT Oil pollution containment
Pollution
NT Air pollution control equipment+
Decontamination
Water pollution abatement+

Polonium
RT Polonium compounds
BT Metals+

Polonium compounds
RT Polonium
BT Group VI compounds+

Polyacrylamides
BT Acrylic resins+

Polyacrylates
BT Acrylic resins+
NT Polymethyl methacrylate+

Polyamide plastics
UF Kevlar
UFC Aramid fibers
BT Thermoplastic resins+
NT Nylon

Polyatomic molecules
BT Molecules

Polybenzimidazole
RT Synthetic fibers

Polybutadiene
RT Synthetic rubber
BT Butadienes+
NT Hydroxy terminated polybutadiene

Polycarbonates
RT Polymers
BT Carbonates+

Polychaeta
BT Annelida+

Polychlorinated biphenyls
(1-JUN-1989)
Colorless liquids used as an insulating fluid in certain electrical equipment. A known source of long-term deleterious environmental and health effects. Also known as PCB's.
BT Biphenyl+
Carcinogens+
Chlorinated hydrocarbons+

Polycrystalline
BT Crystal structure+

Polycyclic compounds
BT Cyclic compounds+
NT Adamantanes
Spiro compounds

Polycythemia
use Blood diseases

Polydentate groups
use Chelate compounds

Polyelectrolytes
BT Electrolytes+

Polyester fibers
BT Synthetic fibers+
NT Dacron

Polyester plastics
Plastics produced by reactions of dibasic acids with dihydric alcohols. Includes polyester polymers and polyester resins.
UF Alkyd resins
BT Plastics+

Polyethers
BT Ethers+
Polymers+

Polyethylene
UF Polythene
BT Ethylene+
Polymers+
NT Polyethylene plastics
Polyethylene terephthalate

Polyethylene plastics
UF Polyolefin plastics
BT Polyethylene+
Thermoplastic resins+

Polyethylene terephthalate
BT Polyethylene+
Thermoplastic resins+

Polyfrequency radar
BT Radar

Polygons
BT Geometry+
NT Triangles

Polyimide plastics
(1-DEC-1984)
A high polymer with an imide group in its polymer chain.
RT Polymers
BT Plastics+

Polyimide resins
RT Polyurethane resins
BT Thermoplastic resins+

Polykays
use Statistical analysis

Polylogarithms
use Complex variables

Polymeric films
RT Plastic coatings
BT Films

Polymerization
RT Depolymerization
Polymers
BT Chemical reactions+
NT Copolymerization
Graft polymerization

Polymers
For polymerized compounds used as construction materials, etc., see Plastics and Synthetic rubber.
RT Monomers
Polycarbonates
Polyimide plastics
Polymerization
BT Chemical compounds
NT Acetal resins+
Acrylonitrile polymers+
Aldehyde polymers
Block polymers
Conjugated polymers
Copolymers+
Dimers
Fluoropolymers
Inorganic polymers
Ion exchange resins
Ionomers
Liquid crystal polymers
Oligomers
Phosphazene
Polyethers
Polyethylene+
Polyphenylenes
Polystyrene
Rigid rod polymers
Stereospecific polymers
Tetrafluoroethylene resins

Polymethyl methacrylate
UF Lucite
RT Acrylic resins
BT Methacrylates+
Polyacrylates+
Thermoplastic resins+
NT Plexiglas

Polymorphism
BT Morphology

Polymorphonuclear granulocytes
BT Granulocytes+

Polymorphonuclear leukocytes
BT Granulocytes+
NT Basophils
Polymorphonuclear neutrophils

Polymorphonuclear neutrophils
BT Polymorphonuclear leukocytes+

Polymyxins
UF Aerosporin
BT Antibiotics+

Polynesia
BT Pacific Ocean Islands+
NT Canton Island
Christmas Island
Hawaii+
New Zealand
Wake Island

Polynomials
UF Extremal polynomials
Faber's polynomials
Fejer polynomials
Gegenbauer's polynomials
Herglotz polynomials
Infrapolynomials
Jacobi polynomials
Juxtapolynomials
Quadratic forms
Rook polynomials
Unicursal curves
RT Quadratic equations
BT Mathematics
NT Binomials
Chebyshev polynomials

Polyolefin plastics
use Polyethylene plastics

Polyoxyethylene
BT Thermoplastic resins+

Polyphenylenes
BT Phenols+
Polymers+

Polypnea
use Respiration

Polypropylene
RT Polystyrene
BT Olefin resins+
Thermoplastic resins+

Polypyrroles
(1-OCT-1999)
BT Pyrroles+

Polysaccharides
BT Carbohydrates+
NT Alginic acid
Carboxymethylcellulose
Cellulose
Chitin
Dextran
Dextrins
Glycogen
Inulin
Lipopolysaccharides
Mucopolysaccharides+
Pectins
Starches
Sugar acids+

Polysilanes
BT Silanes+

Polysilicons
BT Silicon compounds+

Polystyrene
RT Polypropylene
BT Polymers+
Styrene plastics+

Polysulfides
BT Sulfides+

Polysulfones
BT Sulfides+

Polythene
use Polyethylene

Polyurethane resins
RT Polyimide resins
BT Plastics+

Polyvinyl alcohol
RT Polyvinyl chloride
BT Vinyl alcohol+
Vinyl plastics+

Polyvinyl chloride
RT Polyvinyl alcohol
BT Chlorides+
Vinyl plastics+

Polyvinylidenes
BT Vinyl plastics+

Pomace flies
use Drosophilidae

Ponds
BT Inland waterways+

Pontoons
BT Floats

Pontryagin product
use Algebraic topology

Pop up systems
(1-SEP-1990)

Poppet valves
(1-OCT-1996)
Mushroom shaped valves in internal combustion engines. Pressure of combustion serves to fully seat the valve. Cam on outside serves to open valve inwardly to allow for gas inflow and/or exhaust.
BT Engine valves+

Poppy plants
RT Opium alkaloids
BT Plants(Botany)+

Population
BT Sociology+
NT Civilian population
Demography
Indigenous population
Inhabitants
Majorities

Population(Mathematics)
BT Statistical analysis+
NT Statistical samples

Pore pressure
BT Pressure

Poreforming

Porifera
use Sponges

Pork
BT Meat+

Porosity
RT Porous materials
BT Physical properties

Porous glass
use all Glass
Porous materials

Porous materials
UFC Porous glass
RT Porosity
BT Materials
NT Graphitic foam
Porous metals+

Porous metals
UF Metals(Porous)
BT Metallurgy+
Metals+
Porous materials+
NT Foamed metals

Porphyrins
UF Coproporphyrins
Uroporphyrins
BT Organic compounds
NT Chlorophylls
Hemoglobin+

Porpoises
BT Cetacea+

Portable equipment
Capable of being readily transported by a man. For capability of being readily transportable by animals or vehicles, see Mobile.
RT Self contained
Transportable
BT Materiel
NT Air transportable equipment
Field equipment+
Manportable equipment+
Portable shelters
Semiportable equipment

Portable shelters
RT Tents
BT Portable equipment+

Portable shelters (cont.)
Shelters+

Portland cement
(1-OCT-1995)
RT Cements
BT Mortars(Material)+

Ports(Facilities)
(1-SEP-1981)
A harbor town or city where ships may take on, or discharge cargo.
RT Harbors

Ports(Openings)
BT Openings

Portugal
BT European communities+
Iberian Peninsula+

Position(Location)
RT Emplacement
Position finding
Relocation
NT Bottom+
Centralized
Outdoor
Translocation

Position finding
UFC Doppler position finding
Underwater position indicators
RT Ground position indicators
Position(Location)
Range finding
BT Navigation
NT Depth finding
Direction finding+
Global positioning system
Height finding+
SHORAN

Positioning devices(Machinery)
BT Machines
NT Booms(Equipment)+
Cams
Hoists+
Jacks(Lifts)+
Jigs

Positioning reactions
Human operator reactions to positioning of equipment.
BT Psychophysiology+

Positive crankcase ventilation
RT Crankcases
BT Ventilation

Positive expulsion
BT Expulsion
NT Expulsion bladders

Positron emission tomography
(1-APR-00)
BT Diagnosis(Medicine)+
Tomography+

Positronium
RT Antiparticles
Hydrogen
Positrons

Positrons
RT Electrons
Positronium
BT Antiparticles+
Charged particles
Fermions+
Leptons+

Postage meters
RT Postal service
BT Measuring instruments+

Postal service
RT Postage meters

Postattack operations

Postboost propulsion systems
BT Propulsion systems

Posture
use Posture(Physiology)

Posture(General)
NT Posture(Physiology)

Posture(Physiology)
UF Body attitude
Posture
RT Physical fitness
BT Physiology
Posture(General)

Postwar
(1-DEC-1984)

Postwar operations

Potassium
RT Hyperkalemia
Potassium alloys
Potassium compounds
BT Alkali metals+

Potassium alloys
RT Potassium
Potassium compounds
BT Alkali metal alloys+

Potassium chloride
BT Chlorides+
Potassium compounds+

Potassium compounds
RT Potassium
Potassium alloys
BT Alkali metal compounds+
NT Potassium chloride

Potatoes
UF Sweet potatoes
BT Vegetables+

Potency
BT Strength(General)

Potential(Electric)
use Voltage

Potential(War)
use War potential

Potential energy
RT Ionization potentials
BT Energy
NT Geopotential

Potential flow
BT Flow

Potential scattering
BT Nuclear scattering+

Potential theory
UF Capacities of sets
Harmonic forms
BT Mathematics
Theory

Potentials(Ionization)
use Ionization potentials

Potentiometers
BT Measuring instruments+

Potentiometers(Variable resistors)
use Voltage dividers

Potentiometric analysis
BT Titration+

Potentiostatic techniques

Potomac River
RT Maryland
Virginia
West Virginia
BT Rivers+

Potting
RT Potting compounds
BT Encapsulation

Potting compounds
RT Potting
NT Embedding substances

Poultry
RT Meat
BT Birds+
Livestock+
NT Chickens
Ducks
Turkeys

Powder alloys
BT Alloys
Powder metals+

Powder bags
UF Bag charges(Gun propellants)
BT Ammunition components+
Explosive charges+

Powder metallurgy
RT Compacting
Powder metals
Sintering
BT Mechanical working+
Metallurgy+

Powder metals
Pure metals in powder form.
UF Metal powders
RT Powder metallurgy
BT Metals+
Powders+
NT Powder alloys

Powder transfer trays
use all Conveyors
Powders

Powdered eggs
use all Dehydrated foods
Eggs(Food)

Powders
UFC Powder transfer trays
RT Fine grained materials
Talc
BT Particles
NT Fines+
Powder metals+

Power
NT Electric power+
High power
Horsepower
Hydraulic power
Low power
Medium power
Peak power
Radiofrequency power

Power amplifiers
RT Amplidynes
Parametric amplifiers
Push pull amplifiers
BT Amplifiers

Power coefficient of reactivity
BT Coefficients
Reactor lattice parameters+

Power conditioning

Power distribution
NT Electric power distribution+

Power distribution cables
use Electric cables

Power dividers
RT Voltage dividers
BT Power equipment

Power engineering
BT Electrical engineering+

Power equipment
RT Power tools
NT Power dividers
Power supplies+
Power transformers
Rotary inverters
Solar panels+
Thermionic converters

Power gain
BT Gain

Power levels
RT Power measurement
BT Level(Quantity)

Power measurement
RT Power levels
BT Measurement

Power meters
BT Measuring instruments+
NT Wattmeters

Power plants(Auxiliary)
use Auxiliary power plants

Power plants(Establishments)
use Electric power plants

Power series
RT Analytic functions
Bessel functions
BT Mathematics
Series(Mathematics)+
NT Taylors series

Power spectra
BT Functions(Mathematics)+
Spectra+

Power supplies
BT Electric power production+
Power equipment
NT Fuel cells+

Power tools
RT Power equipment
BT Tools

Power transformers
BT Power equipment
Transformers

Power transmission belts
UF Belts(Machinery)
BT Belts

Powered balloons
RT Airships
BT Balloons+

Powered lift
BT Lift+

Pox viruses
BT Viruses+
NT Vaccinia virus
Variola virus

PPLO
use Pleuropneumonia like organisms

PPM(Modulation)
use Pulse position modulation

Practice bombs
BT Bombs+
Training ammunition+

Practice mines
use all Mines(Ordnance)
Training ammunition

Practice projectiles
use all Projectiles
Training ammunition

Practice rockets
use all Rockets
Training ammunition

Prairies
use Grasslands

Prandtl number
BT Fluid dynamics+

Praseodymium
RT Praseodymium compounds
BT Rare earth elements+

Praseodymium compounds
RT Praseodymium
BT Rare earth compounds+

Preamplifiers
BT Amplifiers

Precast concrete
(1-OCT-1992)
RT Prestressed concrete
BT Concrete+

Precession
RT Gyroscopes
Rotation
BT Spinning(Motion)+

Precious metals
BT Transition metals+
NT Gold
Iridium
Osmium
Palladium
Platinum
Rhodium
Ruthenium
Scandium
Silver

Precipitates
RT Precipitation
BT Chemical precipitation+

Precipitation
RT Precipitates
NT Artificial precipitation
Atmospheric precipitation+
Chemical precipitation+
Electrostatic precipitation

Precipitation(Chemical)
use Chemical precipitation

Precipitation(Electrostatic)
use Electrostatic precipitation

Precipitation hardening
use Dispersion hardening

Precipitation static
RT Electric discharges
BT Atmospherics+

Precipitinogens
use Antigens

Precipitins
use Antibodies

Precision
UF Exactness
RT Accuracy
Precision bombing
Precision finishing

Precision bombing
RT Precision
BT Bombing+

Precision finishing
RT Precision
BT Finishes

Precision finishing (cont.)
Surface finishing+

Precursors

Predictions
RT Forecasting
NT Impact prediction
Mathematical prediction

Predinsolone
use Corticosteroid agents

Preenzymes
use Enzyme precursors

Prefabricated buildings
RT Prefabrication
BT Buildings+

Prefabrication
RT Prefabricated buildings
BT Fabrication

Pregnancy
RT Fetus
Obstetrics
BT Fertility+

Pregnandiols
use Progesterone

Premature functioning(Ordnance)
BT Malfunctions

Preparation
For preparation of chemical compounds, see Synthesis(Chemistry).
NT Combat readiness
Operational readiness

Prepositioning(Logistics)
(1-SEP-1981)
The act of placing before or the state of being placed before.
BT Logistics planning+

Prepregs
(1-SEP-1990)
Reinforced plastics field; the reinforcing materials containing or combined with the full complement of resin before molding.
BT Reinforced plastics+

Preprocessing
RT Data reduction
BT Processing

Preputial glands
use Glands

Preservation
Prevention of deterioration of stored commodities, structural members, materials, etc.
RT Freeze drying
Preservatives
NT Biological tissue preservation+
Food preservation
Vitrification(Biology)

Preservatives
RT Preservation
NT Blood preservatives

Preset guidance
BT Guidance

President(United States)
BT Government employees+
United States government+

Press forging
RT Forge presses
BT Forging+

Presses(Machinery)
RT Pressing(Forming)
BT Machine tools+
NT Forge presses
Hydraulic presses
Metal forming presses

Pressing(Forming)
RT Presses(Machinery)
BT Material forming+
NT Hot pressing
Isostatic pressing

Pressoreceptors
use End organs

Pressure
UF Surface pressure
RT Pressure distribution
Pressure measurement
Pressurization
NT Air pressure
Back pressure
Barometric pressure+
Base pressure
Blood pressure
Dynamic pressure
High pressure+
Internal pressure
Low pressure+
Osmotic pressure
Overpressure
Partial pressure
Pore pressure
Pressure regulators
Pressure signatures
Radiation pressure
Sound pressure
Stagnation pressure
Static pressure+
Pressure (cont.)
Vapor pressure
Variable pressure

Pressure breathing
Breathing in which air enters the lungs at a pressure greater or less than ambient pressure.
BT Respiration+

Pressure capsules
use Pressure vessels

Pressure distribution
RT Pressure
Pressure gradients
BT Distribution

Pressure gages
UF Static tubes
RT Pressure measurement
Pressure transducers
BT Gages+
NT Barometers
Crusher gages
Ionization gages
Knudsen gages
Manometers
Piezoelectric gages
Piezometers
Pitot tubes

Pressure gradients
RT Barometric pressure
Pressure distribution
BT Gradients

Pressure hulls
RT Pressure vessels
Pressurized cabins
BT Hulls(Structures)

Pressure measurement
RT Pressure
Pressure gages
BT Measurement

Pressure mines
BT Influence mines+

Pressure pattern flight
BT Flight paths+

Pressure regulators
UF Manostats
RT Pressure switches
BT Pressure Regulators+

Pressure seals
BT Seals(Stoppers)

Pressure signatures
BT Pressure
Signatures

Pressure suits
RT Flight clothing
Pressurization
Pressurized cabins
BT Protective clothing+
NT G suits

Pressure switches
RT Pressure regulators
BT Regulators+
Switches
NT Hydrostats

Pressure tanks
use all Pressure vessels
Tanks(Containers)

Pressure transducers
RT Pressure gages
BT Transducers

Pressure vessels
UF Pressure capsules
UFC Pressure tanks
RT Pressure hulls
NT Gas cylinders

Pressure welding
BT Welding+
NT Cold welding
Electroslag welding
Explosive welding
Friction welding
Ultrasonic welding

Pressurization
RT Pressure
Pressure suits

Pressurized cabins
RT Aircraft cabins
Pressure hulls
Pressure suits
BT Induced environments+

Pressurized water reactors
BT Light water reactors+

Prestressed concrete
RT Precast concrete
Prestressing
BT Reinforced concrete+

Prestressing
RT Prestressed concrete
BT Stresses+

Prevention
RT Preventive maintenance
Preventive medicine
NT Ice prevention

Preventive dentistry
BT Dentistry+
Preventive medicine+

Preventive maintenance
RT Prevention
BT Maintenance

Preventive medicine
RT Prevention
BT Clinical medicine+
NT Preventive dentistry

Pre-launch procedures
use Checkout procedures

Price index
BT Costs+
Indexes(Ratios)+

Primacord
use Detonating cord

Primaquine
RT Cinchona alkaloids
BT Antimalarials+
Nitrogen heterocyclic compounds+

Primary batteries
BT Electric batteries
NT Metal air batteries
Reserve batteries+

Primary waves(Seismic waves)
(1-SEP-1981)
The first seismic wave that reaches a station from an earthquake.
BT Seismic waves+

Primates
BT Mammals+
NT Apes+
Humans+
Monkeys+

Prime numbers
BT Number theory+
Real numbers+

Primer cups
RT Primers
BT Fuze functioning elements+

Primers
RT Primer cups
BT Explosives initiators+
NT Electric primers

Principal component analysis
use Factor analysis

Printed circuit boards
BT Circuit boards+
Printed circuits+

Printed circuits
UFC Printed resistors
RT Circuit boards
BT Circuits+
NT Integrated circuits+
Printed circuit boards

Printed resistors
use all Printed circuits
Resistors

Printers(Data processing)
BT Data processing equipment+
Printing equipment

Printing
RT Inks
Lithography
Printing equipment
NT Electronic publishing
Photocomposition
Typography

Printing equipment
RT Printing
NT Photographic printers+
Printers(Data processing)
Teleprinters

Prions(Pathogens)
(1-OCT-1991)
Small proteinaceous infective particles.
BT Pathogenic microorganisms+

Prismatic bodies
BT Bodies
Geometric forms

Prisms(Optics)
BT Optical equipment components+

Prisoners
RT Hostages
Prisons
BT Personnel
NT Prisoners of war

Prisoners of war
BT Prisoners+

Prisons
RT Prisoners
BT Criminal justice system
Punishment+

Private aircraft
use General aviation aircraft

Privatization
(1-APR-1998)
BT Business process reengineering+
NT Outsourcing

Probability
UF Doeblin's theory
Instrumental variables
Kolmogoroff's equation
Markov chains
Risk theory
BT Mathematics
NT Bayes theorem
Stochastic processes+

Probability density functions
BT Functions(Mathematics)+
Statistical distributions+
NT Bivariate density functions
Poisson density functions
Weibull density functions

Probability distribution functions
BT Distribution functions+

Probes
RT Space probes
BT Measuring instruments+
NT Electromagnetic probes
Electron probes
Langmuir probes
Microprobes

Probit analysis
use Factor analysis

Problem solving
RT Accident investigations
Reasoning
Solutions(General)
BT Learning+
NT Site investigations

Procaine
use Local anesthetics

Processing
RT Processing equipment
NT Batch processing
Continuous processing
Image processing+
Information processing+
Message processing
Optical processing+
Parallel processing
Photographic processing+
Preprocessing
Signal processing
Text processing

Processing equipment
RT Processing
NT Data processing equipment+
Front end processors
Macroprocessors
Microprocessors+
Multiprocessors
Photographic processing equipment+
Stirrers

Procurement
RT Contracts
BT Acquisition
NT Government procurement+
Industrial procurement

Prodigiosin
BT Antibiotics+

Production
RT Production control
Productivity
NT Industrial production

Production control
RT Production
Production rate
BT Production engineering+
NT Reproducibility

Production engineering
UF Production methods
RT Gantt charts
PERT
Production models
BT Management engineering+
NT Concurrent engineering
Mass production+
Production control+
Productivity
Scheduling+
Tooling

Production methods
use Production engineering

Production models
RT Production engineering
BT Prototypes+

Production rate
RT Production control
BT Rates

Production reactors
BT Nuclear reactors
NT Breeder reactors

Productivity
RT Production
Proficiency
BT Production engineering+

Proenzymes
use Enzyme precursors

Profibrinolysin
use Enzyme precursors

Proficiency
RT Efficiency
Marksmanship
Productivity
Skills
BT Performance(Human)+

Profiles
RT Planform
Silhouettes
NT Curved profiles+
Mission profiles
Profilometers

Profilometers
BT Profiles

Profits
BT Income+

Progesterone
UF Pregnandiols
BT Sex hormones+

Program objectives memoranda
(1-APR-1998)
BT Military publications+

Programmed instruction
BT Teaching methods+

Programmers
RT Computer programming
BT Computer personnel+

Programming(Computers)
use Computer programming

Programming languages
RT Computer programming
BT Computer programs
Language+
NT Assembly languages
High level languages+
Simulation languages

Programming manuals
BT Manuals+

Project management
(1-APR-1998)
RT Gantt charts
PERT
BT Systems management+

Projectile caps
UF False ogives
Projectile windshields
BT Projectile components+

Projectile cases
UF Bullet jackets
BT Projectile components+

Projectile charges
use Propelling charges

Projectile components
(1-DEC-1984)
Incremental parts of a projectile.
BT Ammunition components+
Projectiles+

Projectile components (cont.)
NT Projectile caps
Projectile cases
Projectile fuzes
Projectile noses

Projectile flanges
use all Deformable projectiles
Flanges

Projectile fragments
use all Ammunition fragments
Projectiles

Projectile fuzes
UFC Base detonating projectile fuzes
Point detonating projectile fuzes
BT Fuzes(Ordnance)+
Projectile components+

Projectile noses
(1-DEC-1984)
The foremost point or section of a projectile bomb or missile.
BT Projectile components+

Projectile trajectories
RT Projectiles
BT Trajectories+

Projectile transfer trays
use all Conveyors
Projectiles

Projectile windshields
use Projectile caps

Projectiles
UFC Antiaircraft projectiles
Antitank projectiles
Armor piercing projectiles
Arrow-type projectiles
Artillery shells
Fragmentation projectiles
HE shells
HEAT projectiles
HEAT projectiles(Antitank)
HEP projectiles
HESH projectiles
High explosive projectiles
Practice projectiles
Projectile fragments
Projectile transfer trays
RT Projectile trajectories
BT Ammunition+
NT Ball ammunition
Canister projectiles
Chemical projectiles
Deformable projectiles
Extended range projectiles
Guided projectiles
High capacity projectiles
Hypervelocity projectiles
Illuminating projectiles
Incendiary projectiles

Projectiles (cont.)
Kinetic energy projectiles
Liquid filled projectiles
Photoflash projectiles
Projectile components+
Rocket assisted projectiles
Sabot projectiles
Smoke projectiles
Subcaliber projectiles
Underwater projectiles
Window projectiles

Projection printers
BT Photographic printers+
Photographic processors+
NT Photographic rectifiers

Projective geometry
UFC Desargue's theorem
BT Geometry+

Projective techniques
UF Rorschach test
Szondi test
BT Psychological tests+

Projector charges
RT Projectors(Ordnance)
BT Propelling charges+

Projectors(Film)
use Photographic projectors

Projectors(Ordnance)
RT Loading(Ordnance projectors)
Projector charges
BT Ordnance
NT Antisubmarine weapon projectors
Pyrotechnic projectors
Rocket launchers+
Torpedo launchers

Prolactin
(1-SEP-1981)
A protein hormone produced by the adenohypophysis; stimulates lactation and promotes functional activity of the corpus luteum.
BT Gonadotropins+

Prolamines
UF Gliadins
Zein
BT Proteins(Simple)+

Prolongations
use Algebraic topology

Promethium
RT Promethium compounds
BT Rare earth elements+

Promethium compounds
RT Promethium
BT Rare earth compounds+

Promotion(Advancement)
BT Personnel management+

Prompt neutrons
BT Fission neutrons+

Propaganda
BT Applied psychology+

Propagation
Expansion of the activity, intensity, or transmission of mechanical waves or electromagnetic waves.
NT Crack propagation
Nonlinear propagation analysis
Plant propagation
Wave propagation+

Propagation(Flames)
use Flame propagation

Propane
BT Alkanes+
NT Liquid propane

Propanols
BT Alcohols+

Propellant actuated devices
BT Explosive actuators+
NT Cartridges(Pad)

Propellant additives
use Fuel additives

Propellant burn out
RT Fuel burn up
BT Combustion+

Propellant control
Control of fuel, oxidizer, or propellant within the vehicle.

Propellant flash
UF Flash(Propellant)
Gun flash
BT Flashes
NT Muzzle flash

Propellant grains
UF Grains(Propellants)
BT Propellants
NT Rocket propellant grains

Propellant modifiers

Propellant sloshing
use all Liquid propellants
Sloshing

Propellant smoke
BT Smoke+

Propellant tank fragments
use all Propellant tanks
Tank fragments

Propellant tank liners
use all Propellant tanks
Tank liners

Propellant tanks
UFC Propellant tank fragments
Propellant tank liners
BT Fuel tanks+

Propellant trains
use Explosive trains

Propellant transfer
Transfer of fuel, oxidizer, or propellant to a missile or rocket from a point outside the vehicle.
BT Materials handling+
Transfer

Propellants
NT Ball powder propellants
Flashless propellants
Gun propellants+
High energy propellants
Hybrid propellants+
Liquid propellants+
Multibase propellants+
Propellant grains+
Propelling charges+
Rocket propellants+
Smokeless propellants+
Solid propellants+
Torpedo propellants

Propeller blades
RT Propellers
BT Blades

Propeller cuffs
RT Propellers
BT Fairings

Propeller hubs
RT Propellers
BT Hubs

Propeller noise
RT Propellers
BT Noise(Sound)+

Propeller pumps
UF Axial-flow pumps
BT Rotary pumps+

Propeller shafts
(1-MAY-1983)
A shaft, carrying a screw propeller at its end, that transmits power from an engine to the propeller.
RT Propellers

Propeller struts
RT Propellers
BT Struts+

Propellers
RT Propeller blades
Propeller cuffs
Propeller hubs
Propeller noise
Propeller shafts
Propeller struts
NT Aerial propellers
Controllable pitch propellers
Counterrotating propellers
Dual rotation propellers
Marine propellers+
Shrouded propellers
Variable pitch propellers

Propelling charges
UF Increment charges
Projectile charges
BT Explosive charges+
Propellants
NT Projector charges

Propenes
UF Propylenes
BT Alkenes+
NT Oxetanes

Properdin
BT Blood proteins+
Immunochemistry+

Propiolactones
BT Lactones+

Propionates
BT Esters+
Propionic acid+

Propionic acid
BT Fatty acids+
NT Propionates

Propionitrile
BT Nitriles+

Proportional counters
BT Particle counters+
Radiation measuring instruments+

Proportional navigation
BT Homing+
Navigation

Proprioception
UF Vertical perception
RT End organs
Stimuli
BT Senses(Physiology)+

Proprioceptors
use End organs

Propulsion gears
BT Gears+
Propulsion system components+

Propulsion system components
BT Propulsion systems
NT Oars
Propulsion gears

Propulsion systems
NT Electric propulsion
Hybrid propulsion
Jet propulsion
Marine propulsion+
Nuclear propulsion+
Postboost propulsion systems
Propulsion system components+
Rocket propulsion
Self propelled+
Space propulsion+
Surface propulsion+
Thermal propulsion systems
Thermochemical propulsion
Waterjet propulsion

Propyl radicals
BT Alkyl radicals+

Propylene glycol
BT Glycols+

Propylenes
use Propenes

Propylidenes

Prorennin
use Enzyme precursors

Prostaglandin
RT Prostate gland
BT Hormones+

Prostate cancer
(1-JUN-1997)
RT Prostate gland
BT Cancer+

Prostate gland
RT Prostaglandin
Prostate cancer
BT Sex glands+

Prosthetics
UFC Arthroplasty
Artificial eyes
Glass eyes
Ocular prostheses
BT Medical equipment
NT Artificial limbs
Artificial tissue
Dental prostheses

Prosthetics (cont.)
Mechanical organs

Prostigmine
use Parasympathomimetic agents

Protactinium
RT Protactinium compounds
BT Actinide series+
Refractory metals+

Protactinium compounds
RT Protactinium
BT Actinide series compounds+

Protamines
BT Proteins(Simple)+

Proteans
use Proteins(Derived)

Proteases
use Peptide hydrolases

Protection
RT Security personnel
NT Collective protection
Environmental protection
Fire protection+
Lightning protection+
Protective equipment+
Protective treatments+
Radiation protection+

Protective clothing
BT Clothing
Protective equipment+
NT Aprons
Body armor
Coveralls
Exposure suits
Flak suits
Gasproof clothing
Gloves+
Headgear+
Parkas
Pressure suits+
Protective masks+
Underwater clothing+
Vests

Protective coatings
UFC Anticorrosive coatings
RT Fungus proofing
Pellicle
Rubber coatings
BT Coatings
Protective treatments+
NT Antifouling coatings
Barrier coatings
Fire resistant coatings
Lacquers
Polishes
Refractory coatings

Protective coverings
UF Fittings(Coverings)
RT Blankets
BT Coverings
Protective equipment+
NT Paulins

Protective equipment
BT Protection
NT Ear protectors
Protective clothing+
Protective coverings+
Shelters+
Windshields

Protective mask canisters
UF Canisters(Protective mask)
BT Protective masks+

Protective mask facepieces
BT Protective masks+

Protective mask filters
UFC Gas mask filter papers
BT Gas filters+
Protective masks+

Protective masks
BT Breathing masks+
Masks
Protective clothing+
NT Gas masks
Protective mask canisters
Protective mask facepieces
Protective mask filters

Protective treatments
RT Impregnation
Maintenance
BT Finishes
Protection
NT Anodic coatings
Chromizing
Moistureproofing
Mothproofing
Phosphate coatings
Protective coatings+
Waterproofing
Weatherproofing+

Protein metabolism
RT Proteins
BT Metabolism+

Protein starvation
use all Deficiencies
Proteins

Proteinases
use Peptide hydrolases

Proteins
UFC Protein starvation
RT Protein metabolism
Protoplasm

Proteins (cont.)
NT Blood proteins+
Ferredoxin
Ferritin
Gluten
Glycinin
Interferon
Muscle proteins
Proteins(Conjugated)+
Proteins(Derived)+
Proteins(Simple)+
Serum proteins
Soy protein

Proteins(Conjugated)
Substances that consist of protein combined with some other substance (the prosthetic molecule).
UF Conjugated proteins
Lecithoproteins
Metalloproteins
BT Proteins
NT Chromoproteins+
Glycoproteins+
Haptoglobins
Lipoproteins
Muscle proteins
Nucleoproteins
Phosphoproteins+

Proteins(Derived)
UF Coagulated proteins
Derived proteins
Metaproteins
Proteans
Proteoses
BT Proteins
NT Gelatins
Peptides+
Peptones

Proteins(Simple)
UF Globins
Glutelins
Simple proteins
BT Proteins
NT Albuminoids+
Albumins+
Fibroin
Globulins+
Histones
Prolamines
Protamines

Proteolytic enzymes
use Peptide hydrolases

Proteoses
use Proteins(Derived)

Proteus
BT Enterobacteriaceae+
NT Proteus vulgaris

Proteus vulgaris
BT Proteus+

Prothrombin
BT Enzyme precursors+
Thrombin+

Proton accelerators
UFC Proton synchrotrons
RT Proton bombardment
BT Particle accelerators

Proton beams
BT Corpuscular radiation+
Particle beams+

Proton bombardment
RT Proton accelerators
BT Particle accelerator techniques+

Proton capture
BT Proton reactions+

Proton counters
BT Particle counters+
Radiation measuring instruments+

Proton cross sections
BT Nuclear cross sections+

Proton reactions
BT Nuclear reactions
NT Proton capture
Proton scattering

Proton scattering
BT Nuclear scattering+
Proton reactions+

Proton synchrotrons
use all Proton accelerators
Synchrotrons

Protons
BT Charged particles
Ions+
Nucleons+

Protoplasm
RT Proteins
BT Cytoplasm+

Prototypes
RT Breadboard models
Pilot plants
Pilot studies
BT Models
NT Production models

Protozoa
BT Invertebrates+
Microorganisms
NT Actinopoda+
Ciliata+
Dinoflagellata+

Protozoa (cont.)
Mastigophora+
Rhizopoda+
Sporozoa+
Zoomastigina+

Protuberances
NT Aircraft protuberances+

Proustite
BT Minerals
Ores(Metal sources)

Proximity devices
Devices operated by a change sensed in the immediate environment.
UFC Acoustic proximity devices
NT Proximity fuzes+

Proximity fuzes
Fuzes initiated by changes in the immediate environment.
UF Influence fuzes
BT Fuzes(Ordnance)+
Proximity devices
NT Electrostatic fuzes
Hydrostatic fuzes
Magnetic fuzes
Radio proximity fuzes

Proximity scorers
use Firing error indicators

Prunes
(1-SEP-1981)
A plum that is capable of being dried or has been dried without the development of fermentation.
BT Fruits+

Pseudo noise systems

Pseudo random sequences
BT Sequences(Mathematics)+

Pseudo random systems
BT Statistical analysis+

Pseudomonadaceae
UF Acetobacter
Xanthomonas
BT Pseudomonadales+
NT Pseudomonas+

Pseudomonadales
BT Bacteria+
NT Nitrobacter
Pseudomonadaceae+
Spirillaceae+

Pseudomonas
UFC Pseudomonas infections
BT Pseudomonadaceae+
NT Pseudomonas aeruginosa

Pseudomonas (cont.)
Pseudomonas fluorescens

Pseudomonas aeruginosa
BT Pseudomonas+

Pseudomonas fluorescens
BT Pseudomonas+

Pseudomonas infections
use all Infectious diseases
Pseudomonas

Psilocin
BT Hallucinogens+
Psychochemical agents+

Psychiatry
Prevention, diagnosis and therapy of emotional illness.
UF Psychoanalysis
UFC Neuropsychiatry
RT Abnormal psychology
Psychoses
BT Psychotherapy+

Psychic energizers
use Psychoanaleptic agents

Psychical research
use Parapsychology

Psychoacoustics
BT Auditory perception+
Hearing+

Psychoanaleptic agents
UF Antidepressive agents
Psychic energizers
BT Psychotropic agents+

Psychoanalysis
use Psychiatry

Psychochemical agents
BT Incapacitating agents+
NT Psilocin
Psychotropic agents+

Psycholeptic agents
use Tranquilizers

Psycholinguistics
BT Linguistics+

Psychological laboratories
RT Psychology
BT Laboratories+

Psychological measurement
use Psychometrics

Psychological operations
BT Psychology+
NT Psychological warfare

Psychological scaling
use Psychometrics

Psychological tests
RT Psychometrics
BT Performance tests
Psychology+
NT Aptitude tests
Personality tests
Projective techniques
Psychomotor tests
Test construction(Psychology)
Word association

Psychological warfare
BT Military psychology+
Psychological operations+
Warfare

Psychologists
RT Psychology
BT Medical personnel+
NT Environmental psychologists

Psychology
RT Psychological laboratories
Psychologists
BT Behavioral sciences+
NT Abnormal psychology+
Applied psychology+
Behavior+
Clinical psychology+
Defense mechanisms(Psychology)
Developmental psychology
Experimental psychology
Learning+
Motivation+
Perception(Psychology)+
Personality
Psychological operations+
Psychological tests+
Psychometrics
Psychophysiology+
Reasoning+
Social psychology+

Psychometrics
(1-DEC-1984)
The mathematical and statistical treatment of psychological data.
UF Measurement(Mental)
Psychological measurement
Psychological scaling
Scaling(Psychology)
RT Psychological tests
BT Psychology+

Psychomimetic agents
use Hallucinogens

Psychomotor function
RT Psychomotor tests
BT Motor reactions+

Psychomotor tests
Tests of motor skills to determine the coordination of a sensory of ideational process and a motor activity.
RT Psychomotor function
BT Psychological tests+

Psychoneuroses
use Neuroses

Psychopathology
use Abnormal psychology

Psychophysics
RT Psychophysiology
BT Physics+

Psychophysiology
UF Physiological psychology
RT Psychophysics
BT Physiology
Psychology+
NT Motor reactions+
Positioning reactions
Space perception

Psychoses
RT Neuroses
Psychiatry
BT Mental disorders+
NT Schizophrenia

Psychotechnology
use Applied psychology

Psychotherapy
BT Therapy+
NT Group therapy
Hypnosis
Psychiatry

Psychotropic agents
Agents that alter mental processes or behavior, psycholeptic, psychoanaleptic, and psychodysleptic agents.
BT Drugs
Psychochemical agents+
NT Hallucinogens+
Psychoanaleptic agents
Tranquilizers+

Psychrometers
(1-SEP-1981)
A device comprising two thermometers, one a dry bulb and the other a wet or wick covered bulb used in determining the moisture content or relative humidity of air or other gases.
UF Psychrometry
RT Thermometers
BT Hygrometers+

Psychrometry
use Psychrometers

Psychrophilic organisms

PT boats
use Motor torpedo boats

Ptyalin
use Glycoside hydrolases

Public address systems
RT Loudspeakers
BT Communication and radio systems

Public administration
BT Management
Political science+

Public health
RT Hygiene
Medical services
Quarantine
BT Health

Public opinion
RT Public relations
BT Sociometrics+

Public relations
RT Public opinion
BT Sociology+

Public safety
BT Safety

Public utilities
BT Infrastructure

Publications
use Documents

Puccinia(Rusts)
BT Rusts(Fungi)+

Puerto Rico
BT West Indies+

Puget Sound
RT Washington(State)
BT Bays+
Estuaries+
Sounds(Waterways)+

Pulex
BT Siphonaptera+
NT Sand fleas

Pull tests
RT Stress testing
BT Test methods+

Pulleys
use Hoists

Pulmonary arteries
RT Pulmonary blood circulation
BT Arteries+

Pulmonary blood circulation
RT Pulmonary arteries
Pulmonary veins
BT Blood circulation+

Pulmonary edema
RT Pulmonary hypertension
BT Cardiovascular diseases+
Edema+

Pulmonary embolism
use all Embolism
Lung

Pulmonary function
RT Lung
Lung function tests
NT Pulmonary insufficiency

Pulmonary hypertension
RT Pulmonary edema
BT Hypertension+

Pulmonary insufficiency
RT Hypoxia
BT Circulatory insufficiencies+
Pulmonary function

Pulmonary veins
RT Pulmonary blood circulation
BT Veins+

Pulp mills
RT Pulpers
BT Industrial plants

Pulpers
RT Pulp mills
BT Machine tools+

Pulsars
RT Quasars
BT Radio sources(Astronomy)+

Pulse amplifiers
RT Pulse amplitude
BT Amplifiers

Pulse amplitude
RT Pulse amplifiers
Pulse amplitude modulation
BT Waveforms

Pulse amplitude modulation
UF PAM(Modulation)
RT Pulse amplitude
BT Pulse modulation+

Pulse analyzers
RT Pulse counters
BT Analyzers

Pulse analyzers (cont.)
Test equipment
NT Pulse height analyzers

Pulse cables
BT Transmission lines

Pulse code modulation
UF PCM(Modulation)
BT Pulse modulation+
NT Differential pulse code modulation

Pulse communications
RT Delta modulation
BT Telecommunications+

Pulse compression
BT Compression

Pulse counters
RT Pulse analyzers
BT Counters
Measuring instruments+

Pulse discriminators
RT Pulse height analyzers
BT Discriminators+

Pulse duration modulation
UF PDM(Modulation)
BT Pulse modulation+

Pulse frequency modulation
UF PFM(Modulation)
BT Pulse modulation+

Pulse generators
BT Signal generators+

Pulse height analyzers
RT Pulse discriminators
BT Pulse analyzers+

Pulse integrators
RT Radiofrequency pulses
BT Integrators

Pulse modulation
RT Amplitude modulation
BT Modulation
NT Delta modulation
Pulse amplitude modulation
Pulse code modulation+
Pulse duration modulation
Pulse frequency modulation
Pulse position modulation
Pulse spacing modulation

Pulse position modulation
UF PPM(Modulation)
BT Pulse modulation+

Pulse rate
RT Heart
Pulses

Pulse rate (cont.)
BT Rates

Pulse spacing modulation
BT Pulse modulation+

Pulse trains
BT Pulses

Pulse transformers
BT Transformers

Pulse transmitters
BT Transmitters

Pulsed lasers
BT Lasers+

Pulsejet engines
RT Resistorjet engines
BT Jet engines+

Pulses
RT Pulse rate
NT Electromagnetic pulses+
Micropulsations
Pulse trains
Short pulses
Sonar pulses

Pultrusion
RT Extrusion
BT Material forming+

Pump components
BT Pumps

Pumping
RT Pumps
NT Cryopumping+
Pumping(Electronics)+

Pumping(Electronics)
BT Pumping
NT Nuclear pumping
Optical pumping+

Pumping plants
use Pumping stations

Pumping stations
(1-SEP-1981)
A building in which two or more pumps operate to supply fluid flowing at adequate pressure to a distribution system.
UF Pumping plants
BT Stations+

Pumps
RT Pumping
NT Coolant pumps
Electromagnetic pumps
Feed pumps
Fire pumps

Pumps (cont.)
Fuel pumps+
Gas pumps
Heat pumps
Hydraulic pressure pumps
Hydrogen peroxide pumps
Injectors+
Jet pumps
Liquid metal pumps
Lubricant pumps
Plunger pumps
Pump components
Reciprocating pumps
Rotary pumps+
Suction pumps
Turbopumps
Vacuum pumps+
Water pumps

Punched card readers
BT Reading machines+
NT Electronic accounting machines

Punched cards
RT Punching machines
BT Cards
Input output devices+

Punched tape
RT Punching machines
BT Input output devices+

Punching machines
RT Punched cards
Punched tape
BT Input output devices+
Machines

Punishment
BT Law enforcement+
Motivation+
NT Penalties
Prisons

Purgatives
use Cathartics

Purging
RT Decontamination
Purity

Purification
UF Beneficiation
RT Pasteurization
Segregation(Metallurgy)
NT Desalination
Water treatment+
Zone melting

Purine alkaloids
UF Theophylline
Xanthine
RT Purines
BT Alkaloids
NT Caffeine

Purines
UF Aminopurines
RT Purine alkaloids
BT Nitrogen heterocyclic compounds+
NT Adenine+
Guanine

Purity
RT Purging
BT Quality

Pursuit courses
BT Flight paths+

Push buttons
BT Electric switches+

Push pull amplifiers
UF Balanced amplifiers
RT Power amplifiers
BT Amplifiers

Pusher propellers
use Aerial propellers

Pycnometers
use Densimeters

Pyoderma
BT Skin diseases+

Pyramids
BT Geometric forms

Pyramids(Geometry)
BT Geometry+

Pyranometers
RT Densitometers
BT Astronomical instruments+

Pyrargyrite
BT Ores(Metal sources)

Pyrathiazine
use Phenothiazines

Pyrazoles
BT Azoles+

Pyrenomycetes
BT Fungi+
NT Neurospora

Pyrethrins
RT Resmethrin
BT Insecticides+

Pyrex
use Heat resistant glass

Pyrheliometers
RT Pyrometers
BT Measuring instruments+

Pyridines
BT Organic compounds
NT Azines+
Isoniazid
Pyridostigmine bromide

Pyridostigmine bromide
(1-SEP-1990)
A cholinergic used in the treatment of myasthenia gravis and as an antidote for nondipolarizing muscle relaxants.
BT Cholinesterase inhibitors+
Pyridines+

Pyridoxines
BT Heterocyclic compounds+

Pyrimethamine
BT Pyrimidines+

Pyrimidines
BT Nitrogen heterocyclic compounds+
NT Alloxan
Cytosine
Pyrimethamine
Uracils

Pyrite
UF Chalcopyrites
BT Ores(Metal sources)
Ores(Nonmetallic)

Pyroelectricity
BT Electrical properties+

Pyrogen igniters
RT Pyrogens
BT Igniters+

Pyrogens
RT Pyrogen igniters

Pyrolysis
RT Ablation
Charring
Combustion
BT Lysis+
NT Calcination
Supercritical water oxidation

Pyrolytic graphite
BT Graphite+
Refractory materials+

Pyrometallurgy
BT Metallurgy+

Pyrometers
RT Pyrheliometers
Thermometers
BT Measuring instruments+
NT Optical pyrometers
Photoelectric pyrometers

Pyrometers (cont.)
Radiation pyrometers
Thermocouple pyrometers

Pyrophoric materials
RT Pyrotechnics
NT Misch metal

Pyrotechnic ejectors
use Pyrotechnic projectors

Pyrotechnic pistols
use Pyrotechnic projectors

Pyrotechnic projectors
UF Pyrotechnic ejectors
Pyrotechnic pistols
RT Pyrotechnics
BT Projectors(Ordnance)+

Pyrotechnics
UF Fireworks
RT Pyrophoric materials
Pyrotechnic projectors
NT Flares+
Illuminating grenades
Illuminating projectiles
Photoflash ammunition+
Smoke munitions+
Spotting charges
White phosphorus

Pyrroles
BT Azoles+
NT Polypyrroles

Pyrrolidines
BT Amines+

Pyrrophyta
use Algae

Pyruvates
RT Pyruvic acid
BT Amino acids+

Pyruvic acid
RT Pyruvates
BT Organic acids+

Pyruvic phosphoferase
use Phosphorus transferases

P-heterocyclic compounds
use Phosphorus heterocyclic compounds

Q

Q band
36,000 to 46,000 mc.
BT Extremely high frequency+

Q factor
BT Numerical quadrature+

Q fever
RT Coxiella burnetii
BT Infectious diseases+

Q functions
use Special functions(Mathematics)

Q meters
BT Measuring instruments+
Test equipment

Q switching
BT Switching

Quadrants
BT Geometry+

Quadratic equations
RT Polynomials
BT Nonlinear algebraic equations+

Quadratic forms
use Polynomials

Quadratic programming
BT Mathematical programming+

Quadrupole moment
UFC Nuclear electric quadrupole moments
Nuclear magnetic quadrupole moments
BT Moments

Qualifications
RT Quality
BT Ratings

Qualitative analysis
RT Quantitative analysis
BT Chemical analysis
NT Stoichiometry+

Quality
RT Qualifications
NT Air quality
Purity
Quality control+
Water quality

Quality assurance
RT Acceptability
Spot tests
BT Quality control+
NT Optimization

Quality control
BT Control
Quality
NT Quality assurance+
Total quality management

Quantitative analysis
RT Qualitative analysis
BT Chemical analysis

Quantity
RT Inequalities
Quantization

Quantization
RT Quantity
BT Measurement

Quantized field theory
use Field theory

Quantum beats
(1-APR-00)
BT Emission spectroscopy+
Quantum electronics+

Quantum chemistry
BT Physical chemistry+
NT Density functional theory

Quantum counters
BT Counters

Quantum dots
(1-OCT-1997)
BT Quantum wells+

Quantum efficiency
BT Efficiency

Quantum electrodynamics
BT Electrodynamics
Quantum theory+
NT Quantum electronics+

Quantum electronics
BT Electronics
Quantum electrodynamics+
NT Quantum beats
Quantum wells+

Quantum optics
(1-OCT-1999)
BT Optics
Quantum theory+

Quantum statistics
Statistics of the distribution of particles of a given type among the various possible energy levels.
BT Quantum theory+
NT Klein Nishina formula

Quantum theory
RT Bose Einstein condensates
Solitons
BT Theory
NT Mean field energy
Plasmons
Polarons
Quantum electrodynamics+
Quantum optics
Quantum statistics+

Quantum wells
(1-OCT-1992)
Effective potential wells created by a minimum in the conduction band or a maximum in the valence band that arises when a smaller band-gap semiconductor is sandwiched between a larger band-gap semiconductor.
BT Quantum electronics+
NT Multiple quantum wells
Quantum dots
Quantum wires

Quantum wires
(1-APR-1998)
BT Quantum wells+

Quarantine
RT Communicable diseases
Public health
BT Therapy+

Quarks
(1-OCT-1991)
Hypothetical basic particles from which the properties of many other elementary particles may be mathematically constructed.
BT Elementary particles+

Quartic equations
BT Nonlinear algebraic equations+

Quartimax method
use Statistical analysis

Quartz
RT Quartzite
BT Ores(Nonmetallic)
Rock forming minerals+
Silicon dioxide+

Quartz capacitors
BT Capacitors

Quartz phenolic materials
BT Composite materials+
Phenolic plastics+

Quartz resonators
BT Resonators

Quartzite
RT Quartz
BT Metamorphic rock+

Quasars
RT Pulsars
BT Radio sources(Astronomy)+

Quasi-idempotent matrices
use Matrices(Mathematics)

Quaternary compounds
BT Salts+

Quebec
BT Canada+

Queen Elizabeth Islands
BT Arctic Ocean Islands+
Northwest Territories+
NT Ellesmere Island
Ward Hunt Island

Quenching
RT Extinguishing
NT Quenching(Inhibition)

Quenching(Inhibition)
BT Inhibition
Quenching

Quercetin
use Vitamin P

Questionnaires
BT Surveys

Queueing theory
UF Waiting line theory
BT Operations research+
Theory

Quick reaction
BT Reaction time+

Quiet
RT Loudness
BT Noise(Sound)+

Quiet torpedoes
BT Torpedoes+

Quiet weapons
BT Weapons+

Quinazolines

Quinine
BT Antimalarials+
Cinchona alkaloids+
Nitrogen heterocyclic compounds+

Quinoline alkaloids
UF Cuprea bark alkaloids
RT Quinolines
BT Alkaloids
NT Cinchona alkaloids+

Quinolines
RT Quinoline alkaloids
BT Nitrogen heterocyclic compounds+
NT Quinolinols

Quinolinols
BT Quinolines+

Quinones
UF Benzoquinones
BT Ketones+
NT Anthraquinones

Quinoxalines
BT Azines+

R

Rabbits
UF Leporidae
RT Rodents
BT Mammals+

Rabies virus
BT Arboviruses+

Race(Anthropology)
RT Race relations
BT Anthropology+
NT Blacks(Racial group)+
Caucasians

Race relations
RT Race(Anthropology)
BT Human relations+
NT Racial discrimination

Racemases
use Racemases and epimerases

Racemases and epimerases
UF Epimerases
Racemases
BT Isomerases+

Racial discrimination
BT Discrimination
Race relations+

Radar
NT Airport radar systems
Bistatic radar
Coherent radar
Continuous wave radar

Radar (cont.)
Diversity radar
Doppler radar
Fire control radar
Harbor radar
Meteorological radar
Missile site radar
Monopulse radar
Monostatic radar
Mortar locator radar
Multipath radar
Noise(Radar)
Optical radar
Polyfrequency radar
Radar bombing
Radar equipment+
Radar scanning
Radar tracking
Search radar+
Skip spin radar
Spin scan radar
Sweep frequency radar+
Terrain analysis radar

Radar absorbing materials
BT Materials
Radar countermeasures+

Radar antennas
RT Radomes
BT Directional antennas+
Radar equipment+

Radar antijamming
RT Radar jamming
BT Antijamming+

Radar astronomy
RT Radio astronomy
BT Astronomy+

Radar beacons
RT Radio beacons
BT Beacons+
Radar equipment+

Radar beams
BT Radio beams+

Radar bombing
BT Bombing+
Radar

Radar camouflage
RT Antiradar coatings
BT Camouflage+
Radar deception+

Radar clutter
Unwanted echoes on a radar screen. For undesired energy that interferes with signal reception, see Radar interference.
RT Radar confusion reflectors
BT Clutter+

Radar clutter (cont.)
Radar interference+
Radar reflections+
NT Ground clutter

Radar confusion reflectors
RT Radar clutter
BT Radar countermeasures+
Radar deception+
Radar reflectors+
NT Chaff

Radar corner reflectors
BT Corner reflectors+
Radar reflectors+

Radar correlation

Radar countermeasures
(1-DEC-1984)
An electronic countermeasure used against enemy radar, such as jamming and confusion reflectors.
RT Radar deception
Radio countermeasures
BT Electronic countermeasures+
NT Radar absorbing materials
Radar confusion reflectors+
Radar decoys
Radar jamming
Radar warning receivers

Radar cross sections
BT Cross sections
Radar reflections+

Radar deception
Devices or tactics that render an enemy's radar data unreliable through radiation, reradiation, alteration, absorption, or reflection of signals. For the impairment of enemy signals by deliberate transmission of conflicting signals, see Radar jamming.
RT Radar countermeasures
Radio deception
BT Deception+
Electronic countermeasures+
NT Radar camouflage
Radar confusion reflectors+
Radar repeaters

Radar decoys
Passive deception systems intended to divert hostile radar searches to specific false targets.
BT Decoys+
Radar countermeasures+

Radar display systems
use all Display systems
Radar equipment

Radar domes
use Radomes

Radar duplexers
BT Duplexers+
Radar equipment+

Radar equipment
UFC IFF radar
Radar display systems
Radar identification systems
Radar jammers
Radar panels
Radar plotting boards
Radar trailers
Radar tuning devices
RT Radar operators
Radar stations
BT Radar
NT Moving target indicators
Radar antennas
Radar beacons
Radar duplexers
Radar gun sights
Radar range calibrators
Radar receivers
Radar reflectors+
Radar repeaters
Radar target designators
Radar transmitters
Radomes+

Radar faces
(1-DEC-1984)
The window of a phased array radar oriented in a particular direction. (No single window provides 360 degree coverage, but several on a single set can).

Radar fans
(1-DEC-1984)
Area covered by any given radar's surveillance and/or tracking capabilities as a product of range and set characteristics.

Radar footprint
BT Radar signatures+

Radar fuzes
use Radio proximity fuzes

Radar gun sights
A radar device which tracks a target and aims a gun automatically.
BT Gun sights+
Radar equipment+

Radar homing
BT Homing+

Radar identification systems
use all Identification systems
Radar equipment

Radar images
Visual presentations on a radar screen.
RT Radar mapping
BT Images

Radar intelligence
(1-SEP-1981)
Intelligence concerning radar or intelligence derived from the use of radar equipment.
RT Radar interception
BT Electronic intelligence+

Radar interception
Interception of enemy signals. For interception of airplanes tracked by radar, see Aircraft intercept control systems.
RT Radar intelligence
Radio interception
BT Electronic warfare+
Interception

Radar interference
Distortion of radar signals from natural causes outside the equipment. For distortion deliberately caused by transmission of conflicting signals, see Radar jamming.
RT Noise(Radar)
BT Radiofrequency interference+
NT Radar clutter+

Radar jammers
use all Radar equipment
Radar jamming

Radar jamming
UFC Radar jammers
Radar jamming transmitters
RT Radar antijamming
BT Jamming+
Radar countermeasures+

Radar jamming transmitters
use all Radar jamming
Radar transmitters

Radar landing control
BT Air traffic control systems
Landing aids
NT Airport radar systems
Carrier controlled approach radar
Ground controlled approach radar

Radar mapping
RT Radar images
Radar reconnaissance
Terrain analysis radar

Radar mapping (cont.)
BT Mapping

Radar meteorology
(1-OCT-1991)
BT Meteorology+

Radar navigation
RT Carrier controlled approach radar
BT Navigation

Radar noise
use Noise(Radar)

Radar operators
RT Radar equipment
Radar stations
BT Operators(Personnel)+

Radar panels
use all Control panels
Radar equipment

Radar photography
RT Radar recording cameras
BT Photography

Radar plotting boards
use all Plotting boards
Radar equipment

Radar pulses
BT Radar signals+
Radiofrequency pulses+

Radar range calculators
use Radar range computers

Radar range calibrators
RT Radar range computers
BT Radar equipment+

Radar range computers
UF Radar range calculators
RT Radar range calibrators
BT Fire control computers+

Radar receivers
BT Radar equipment+
Receivers

Radar reconnaissance
RT Radar mapping
BT Electronic reconnaissance+

Radar recording cameras
RT Radar photography
BT Cameras+

Radar reflections
BT Electromagnetic wave reflections+
Radar signals+
NT Radar clutter+
Radar cross sections
Radar reflectors+

Radar reflectors
BT Radar equipment+
Radar reflections+
Reflectors
NT Radar confusion reflectors+
Radar corner reflectors

Radar repeaters
BT Radar deception+
Radar equipment+
Repeaters+

Radar scanning
UFC Airport radar scanners
RT Search radar
Spin scan radar
BT Radar
Scanning

Radar signals
BT Electromagnetic radiation+
Signals
NT Radar pulses
Radar reflections+

Radar signatures
RT Radar targets
BT Signatures
NT Radar footprint

Radar silence

Radar stations
RT Radar equipment
Radar operators
BT Stations+

Radar target designators
RT Radar targets
BT Radar equipment+
Target designators+

Radar target position simulators
BT Simulators+
NT Radar trainers

Radar targets
Objects detected, watched, or tracked by radar.
RT Mortar locator radar
Radar signatures
Radar target designators
BT Targets

Radar tracking
BT Radar
Tracking

Radar trailers
use all Radar equipment
Trailers

Radar trainers
BT Radar target position simulators+
Training devices+

Radar transmitters
UFC Radar jamming transmitters
RT Radio transmitters
BT Radar equipment+
Transmitters

Radar tuning devices
use all Radar equipment
Tuning devices

Radar warning receivers
(1-APR-1999)
BT Radar countermeasures+
Warning systems+

Radial beam tubes
UF Additrons
Cyclophons
BT Electron tubes+

Radial flow
RT Axial flow
BT Flow

Radial stress
BT Stresses+

Radial tires
BT Tires+

Radial velocity
BT Velocity+

Radiance
RT Radiant intensity
BT Flux density

Radiant cooling
RT Radiant heating
BT Cooling

Radiant flux density
BT Flux density
NT Radiant intensity

Radiant heating
RT Radiant cooling
Radiant heating panels
BT Heating

Radiant heating panels
UF Panels(Heating)
RT Radiant heating
BT Heaters
Space heaters+

Radiant intensity
RT Radiance
BT Radiant flux density+

Radiated noise
BT Noise

Radiation
NT Background radiation
Coherent radiation+
Corpuscular radiation+
Electromagnetic radiation+
Extraterrestrial radiation
Heavy particle radiation
Ionizing radiation+
Irradiation+
Nuclear radiation+
Radiation absorption
Radiation attenuation
Resonance radiation+
Solar radiation+
Terrestrial radiation
Ultrasonic radiation

Radiation(Electromagnetic)
use Electromagnetic radiation

Radiation(Heat transfer)
use Thermal radiation

Radiation(Ultrasonic)
use Ultrasonic radiation

Radiation absorption
RT Absorption cross sections
Radiation attenuation
BT Radiation

Radiation alarms
Devices that warn of harmful radiation such as gamma rays, neutrons, or fission fragments, that may be present near a radioactive source or as the result of a nuclear explosion.
BT Health physics instrumentation
Warning systems+

Radiation attenuation
RT Radiation absorption
BT Attenuation+
Radiation

Radiation belts
BT Upper atmosphere+
NT Van Allen radiation belt

Radiation chemistry
BT Chemistry+

Radiation counters
use Radiation measuring instruments

Radiation damage
Changes in materials exposed to gamma rays, fission fragments, or neutrons. For studies of the effects of such radiation on organisms, food, etc., see Radiation effects.
RT Radiation hazards
BT Damage

Radiation damage (cont.)
Radiation effects
NT Transient radiation effects

Radiation dosage
RT Radiation measuring instruments
Radiation sickness
BT Dosage
Dosimetry+
NT Dose rate
Partial body irradiation
Whole body irradiation

Radiation effects
Effects on organisms, food, etc., of gamma rays, fission fragments, or neutrons. For studies of the effects of such radiation on materials, see Radiation damage.
NT Radiation damage+
Radiation injuries+
Radiation sickness
Radiosterilization

Radiation hardening
RT Radiation shielding
BT Hardening
NT Laser hardening

Radiation hazards
RT Radiation damage
BT Hazards
NT Laser hazards
Radioactive contamination+
Radioactive wastes
Reactor hazards

Radiation injuries
Injuries resulting from exposure to gamma rays, neutrons, fission products, etc. For thermal injuries, see Burns(Injuries).
RT Burns(Injuries)
BT Radiation effects
Wounds and injuries
NT Chorioretinal burns

Radiation instruments
use Radiation measuring instruments

Radiation measuring instruments
UF Radiation counters
Radiation instruments
RT Radiation dosage
Radiation monitors
BT Measuring instruments+
NT Alpha counters
Alpha particle detectors
Beta counters
Cosmic ray telescopes
Count rate meters
Crystal counters
Dosimeters+
Gamma counters
Geiger counters

Radiation measuring instruments (cont.)
Ionization chambers+
Neutron detectors+
Nuclear radiation spectrometers+
Proportional counters
Proton counters
Radiometers+
Scintillation counters
Spectrophotometers+
Time to pulse height converters

Radiation monitors
Devices that periodically or continuously determine the amount of radioactivity or ionizing radiation in a given area.
RT Radiation measuring instruments
BT Health physics instrumentation
Monitors+

Radiation patterns
RT Beam steering
BT Patterns
NT Antenna radiation patterns+

Radiation pressure
BT Pressure

Radiation protection
BT Protection
Safety
NT Nuclear radiation protection
Radioprotective agents

Radiation pyrometers
Pyrometers that measure the intensity of radiation from bodies having extremely high temperatures.
BT Pyrometers+
Temperature measuring instruments+

Radiation resistance
RT Radiation tolerance
BT Resistance

Radiation shielding
RT Radiation hardening
Radiological armor
BT Shielding
NT Electromagnetic shielding

Radiation sickness
UF Radiation syndrome
RT Radiation dosage
BT Diseases
Radiation effects

Radiation simulation tests
BT Test methods+

Radiation syndrome
use Radiation sickness

Radiation tolerance
The ability of organisms to withstand ionizing radiation.
RT Permissible dosage
Radiation resistance
BT Tolerances(Physiology)+

Radiation transport
use Radiative transfer

Radiation weapons
BT Weapon systems+
NT Directed energy weapons+

Radiative capture cross sections
BT Absorption cross sections+

Radiative transfer
UF Radiation transport
BT Transfer

Radiators(General)
NT Radiators(Heating and cooling)+

Radiators(Heating and cooling)
BT Radiators(General)
NT Heat exchangers
Heat sinks

Radio altimeters
BT Altimeters+
Flight instruments+

Radio antenna filters
use all Antenna components
Radiofrequency filters

Radio antijamming
RT Radio jamming
BT Antijamming+

Radio astronomy
RT Radar astronomy
BT Astronomy+
NT Radio sources(Astronomy)+
Solar radio maps

Radio beacons
RT Radar beacons
Radio stations
BT Beacons+
Radio transmitters+

Radio beams
BT Beams(Electromagnetic)+
Radio waves+
NT Microwave beams
Radar beams

Radio broadcasting
RT Radio engineering
Radio operators
Radio receivers
Radio reception
Radio stations

Radio broadcasting (cont.)
Radio towers
BT Communication and radio systems

Radio channel selectors
use all Channel selectors
Radio equipment

Radio communication systems
use Communication and radio systems

Radio compasses
RT Radio direction finders
Radio homing
BT Compasses+

Radio countermeasures
(1-DEC-1984)
Electrical or other techniques depriving the enemy of benefits which would ordinarily accrue to him through the use of any technique employing the radiation of radio waves. Also see Radar countermeasures.
RT Radar countermeasures
BT Electronic countermeasures+

Radio deception
RT Radar deception
BT Deception+
Electronic countermeasures+

Radio direction finders
RT Radio compasses
BT Direction finding+

Radio doppler chronographs
BT Chronometers+
Doppler systems

Radio engineering
RT Radio broadcasting
BT Electrical engineering+

Radio equipment
UFC Radio channel selectors
Radio jammers
Radio panels
Radio plotting boards
Radio ranging systems
Radio tuning devices
BT Communication equipment
NT Radio receivers+
Radio repeaters
Radio telescopes
Radio towers
Radio transmitters+
Radiotelephones+
Sonobuoys

Radio fields
BT Electromagnetic fields+

Radio homing
RT Radio compasses
BT Homing+

Radio interception
Tuning in on a radio message not intended for the listener.
RT Radar interception
Radio reception
BT Electronic warfare+
Interception

Radio interference
Distortion of radio signals from natural causes outside the equipment. For distortion deliberately caused by transmission of conflicting signals, see Radio jamming.
RT Noise(Radio)
Radio reception
BT Radiofrequency interference+

Radio interferometers
RT Radio interferometry
BT Interferometers+
Test equipment

Radio interferometry
RT Radio interferometers
BT Interferometry
NT Microwave interferometry

Radio jammers
use all Radio equipment
Radio jamming

Radio jamming
UFC Radio jammers
Radio jamming transmitters
RT Radio antijamming
BT Jamming+

Radio jamming transmitters
use all Radio jamming
Radio transmitters

Radio links
RT Radio receivers
BT Communications traffic+
Telecommunications+
NT Meteor burst communications
Uplinks

Radio navigation
BT Navigation
NT Hyperbolic navigation+
Radio ranges
TACAN

Radio noise
use Noise(Radio)

Radio operators
RT Radio broadcasting
BT Operators(Personnel)+

Radio panels
use all Control panels
Radio equipment

Radio plotting boards
use all Plotting boards
Radio equipment

Radio proximity fuzes
UF Radar fuzes
VT fuzes
BT Proximity fuzes+

Radio ranges
BT Radio navigation+

Radio ranging systems
use all Radio equipment
Range finding

Radio receivers
UFC LORAN receivers
RT Paging
Radio broadcasting
Radio links
Radio reception
Radio scanning
Television receivers
BT Radio equipment+
Receivers
NT Homodyne radio receivers
Microwave receivers+
Superheterodyne receivers
Transmitter receivers+

Radio reception
RT Radio broadcasting
Radio interception
Radio interference
Radio receivers
BT Reception
NT Diversity reception

Radio relay stations
BT Radio relay systems+
Radio stations+

Radio relay systems
RT Radio repeaters
BT Repeaters+
Telecommunications+
NT Microwave relay systems
Radio relay stations

Radio repeaters
RT Radio relay systems
BT Radio equipment+
Repeaters+

Radio scanning
RT Radio receivers
BT Scanning

Radio signals
BT Radio waves+
Signals

Radio sources(Astronomy)
RT Extraterrestrial radio waves
Sources
BT Astronomical bodies+
Radio astronomy+
NT Pulsars
Quasars

Radio stations
UFC LORAN stations
RT Radio beacons
Radio broadcasting
Radio towers
BT Communication and radio systems
Stations+
NT Radio relay stations

Radio telemetry
RT Radiosondes
BT Telemeter systems+

Radio telescopes
BT Radio equipment+
Telescopes+

Radio towers
RT Radio broadcasting
Radio stations
BT Radio equipment+
Towers

Radio transmission
UFC Glide path transmission
RT Radio transmitters
Radio waves
BT Electromagnetic wave propagation+
NT Ionospheric propagation+
Microwave transmission
Space diversity communications

Radio transmitters
UFC LORAN transmitters
Radio jamming transmitters
RT Radar transmitters
Radio transmission
BT Radio equipment+
Transmitters
NT Radio beacons
Radiosondes+
Transmitter receivers+

Radio tuning devices
use all Radio equipment
Tuning devices

Radio wave reflections
use all Electromagnetic wave reflections
Radio waves

Radio waves
UFC Radio wave reflections
RT Radio transmission
BT Electromagnetic radiation+
NT Atmospherics+
Direct waves(Radio waves)
Extraterrestrial radio waves+
Ground waves(Electromagnetic)
Microwaves+
Radio beams+
Radio signals
Sky waves
Submillimeter waves
Whistlers

Radioactivation analysis
RT Radiochemistry
BT Chemical analysis

Radioactive batteries
use Radioisotope batteries

Radioactive contamination
RT Radiological warfare
BT Contamination
Radiation hazards+
NT Fallout

Radioactive decay
UF Decay(Radioactive)
RT Natural radioactivity
Radiochemistry
Radioluminescence
BT Decay
Nuclear reactions
NT Alpha decay
Beta decay+
Decay schemes
Internal conversion

Radioactive decay constant
use Half life

Radioactive fallout
use Fallout

Radioactive isotopes
UFC Radiocolloids
RT Radiobiology
Radiocarbon dating
Radioisotope batteries
Radioisotope thermoelectric devices
BT Isotopes+
Radioactive materials+
NT Radium
Tritium+

Radioactive materials
RT Actinide series
Actinide series compounds
Radioactive materials (cont.)
Radioactivity
BT Hazardous materials+
NT Fission products+
Radioactive isotopes+
Radioactive wastes

Radioactive series
Successions of nuclides, each of which transforms by a radioactive disintegration into the next until a stable nuclide results.
UF Actinium decay series

Radioactive waste disposal
use all Radioactive wastes
Waste disposal

Radioactive wastes
UFC Radioactive waste disposal
BT Radiation hazards+
Radioactive materials+
Wastes

Radioactivity
RT Radioactive materials
NT Artificial radioactivity
Fission product activity
Natural radioactivity

Radioautography
use Autoradiography

Radiobiology
RT Radioactive isotopes
Radiopharmaceuticals
BT Biology+
NT Laser radiobiology

Radiocarbon dating
RT Radioactive isotopes

Radiochemistry
Theory and experimental techniques of the chemistry of radioactive materials. For chemical reactions or changes in chemical properties brought about by radiation, see Radiation chemistry.
RT Radioactivation analysis
Radioactive decay
Radiological laboratories
Radiopharmaceuticals
BT Chemistry+

Radiochemistry laboratories
BT Laboratories+

Radiocolloids
use all Colloids
Radioactive isotopes

Radiofrequency
BT Frequency bands+
NT Extremely low frequency
High frequency
Low frequency
Medium frequency
Microwave frequency+
Superlow frequency
Ultralow frequency
Very low frequency

Radiofrequency amplifiers
BT Amplifiers
NT Intermediate frequency amplifiers
Microwave amplifiers+

Radiofrequency cables
BT Transmission lines

Radiofrequency filters
UFC Intermediate frequency filters
Radio antenna filters
Ultrahigh frequency filters
Very high frequency filters
BT Filters
NT Microwave filters

Radiofrequency generators
RT Radiofrequency power
BT Generators
NT Exciters

Radiofrequency interference
UF Static(Radiofrequency)
RT Noise(Electrical and electromagnetic)
BT Electromagnetic interference+
NT Radar interference+
Radio interference

Radiofrequency lenses
BT Lenses

Radiofrequency oscillators
BT Oscillators+
NT Backward wave oscillators
Local oscillators
Microwave oscillators
Retarding field oscillators

Radiofrequency power
RT Radiofrequency generators
BT Power

Radiofrequency pulses
RT Pulse integrators
BT Electromagnetic pulses+
NT Radar pulses

Radiofrequency spectroscopy
UFC Radiofrequency spectrum analyzers
BT Spectroscopy
NT Microwave spectroscopy

Radiofrequency spectrum analyzers
use all Radiofrequency spectroscopy
Spectrum analyzers

Radiographic analysis
use Radiography

Radiographic film
RT Radiography
BT Photographic film+

Radiography
UF Radiographic analysis
RT Radiographic film
Tomography
BT Photography
NT Angiography
Autoradiography
Bronchography
Flash radiography
Mammography
Microradiography
Neutron radiography

Radioimmunity
BT Immunity+

Radioimmunoassay
BT Immunoassay+

Radioisotope batteries
UF Nuclear batteries
Radioactive batteries
RT Radioactive isotopes
BT Electric batteries

Radioisotope thermoelectric devices
RT Radioactive isotopes
BT Electric generators+
Nuclear power plants+
Thermoelectric power generation+

Radiolaria
BT Actinopoda+

Radiological armor
RT Radiation shielding
Radioprotective agents
BT Armor+

Radiological laboratories
RT Radiochemistry
Radiology
BT Laboratories+

Radiological warfare
RT Radioactive contamination
BT Warfare
NT Radiological warfare agents

Radiological warfare agents
BT Radiological warfare+

Radiologists
(1-OCT-1997)
RT Radiology
BT Medical personnel+

Radiology
RT Radiological laboratories
Radiologists
BT Medicine+

Radioluminescence
RT Radioactive decay
BT Luminescence+

Radiolysis
BT Lysis+

Radiometers
RT Radiometry
BT Optical instruments+
Radiation measuring instruments+
NT Spectroradiometers

Radiometry
RT Radiometers
BT Measurement
NT Dosimetry+

Radiopaque agents
use Contrast media(Medicine)

Radiopharmaceuticals
RT Radiobiology
Radiochemistry
Radiotherapy
BT Nuclear medicine+

Radioprotective agents
UF Antiradiation agents
RT Nuclear medicine
Radiological armor
BT Radiation protection+

Radiosondes
UF Rawinsondes
RT Radio telemetry
BT Measuring instruments+
Radio transmitters+
NT Dropsondes

Radiosterilization
BT Radiation effects
Sterilization

Radiotelephones
UF Wireless communications
BT Radio equipment+
Telephone systems+
NT Cellular communications

Radiotherapy
RT Partial body irradiation
Radiopharmaceuticals
BT Therapy+

Radium
RT Radium compounds
BT Alkaline earth metals+
Radioactive isotopes+

Radium compounds
RT Radium
BT Alkaline earth compounds+

Radius(Measure)
BT Sizes(Dimensions)+

Radomes
UF Radar domes
RT Radar antennas
BT Domes(Structural forms)+
Radar equipment+
NT Rotodomes

Radon
BT Rare gases+

Raids
BT Attack

Rail guns
use Electromagnetic guns

Rail transportation
BT Transportation
NT Railroads+

Railroad cars
UF Freight cars
BT Ground vehicles+
Towed vehicles+
NT Boxcars
Tank cars

Railroad ties

Railroad tracks
UF Tracks(Railroad)
BT Rails
Tracks

Railroad tunnels
BT Tunnels

Railroads
RT Locomotives
BT Rail transportation+
NT Monorail railways

Rails
NT Railroad tracks

Rain
BT Hydrometeors+
NT Acid deposition
Rainfall+

Rain erosion
BT Water erosion+

Rain gages
RT Rainfall
BT Gages+
Meteorological instruments+

Rainbows
use Atmospheric refraction

Raindrops
RT Rainfall
BT Drops+

Rainfall
RT Rain gages
Raindrops
Runoff
BT Rain+
NT Rainfall intensity

Rainfall intensity
BT Intensity
Rainfall+

Rake angles

Ram accelerators
(1-APR-00)
BT Hypervelocity guns+

Ram rods
use Loading(Ordnance projectors)

Raman scattering
(1-JUL-1999)
BT Electromagnetic scattering+

Raman spectra
RT Raman spectroscopy
BT Electromagnetic spectra+
NT Stokes radiation

Raman spectroscopy
RT Raman spectra
BT Molecular spectroscopy+

Ramburners
BT Burners

Ramie fiber
use Fibers

Ramjet engine nozzles
RT Ramjet engines
BT Nozzles

Ramjet engine wings
use Wing ramjet engines

Ramjet engines
RT Multipulse engines
Ramjet engine nozzles
Ramjet inlets
BT Jet engines+
NT Recombination ramjet engines
Rocket ramjets+
Ramjet engines (cont.)
Supercharged ejector ramjet engines
Supersonic combustion ramjet engines
Turboramjet engines
Wing ramjet engines

Ramjet inlets
RT Ramjet engines
BT Jet engine inlets+

Ramjet test vehicles
BT Test vehicles

Rammers
use Loading(Ordnance projectors)

Ramps

Random access computer storage
BT Memory devices+
NT Block oriented random access memories

Random functions
use Statistical functions

Random number generators

Random variables
BT Variables

Random vibration
BT Vibration+

Random walk
(1-JUN-1989)
A succession of movements along line segments where the direction and possibly the length of each move is randomly determined.
BT Stochastic processes+

Range(Distance)
NT Intermediate range(Distance)
Long range(Distance)
Short range(Distance)
Slant range

Range(Extremes)
NT Dynamic range+
Long range(Distance)
Long range(Time)
Peak values+

Range finding
UF Ranging systems
UFC Radio ranging systems
Television ranging systems
RT Position finding
Space perception
NT Coincidence range finding
Sound ranging+
Stereoscopic range finding

Range gating
BT Synchronization(Electronics)+

Range safety
RT Ranges(Facilities)
BT Safety

Range tables
BT Firing tables+

Ranges(Establishments)
use Ranges(Facilities)

Ranges(Facilities)
UF Ranges(Establishments)
RT Range safety
BT Test facilities+
NT Acoustic ranges
Guided missile ranges

Ranging systems
use Range finding

Rank order statistics
BT Order statistics+

Rankine cycle
BT Thermodynamic cycles+

Ranking
BT Ratings

Rapid deployment
(1-SEP-1981)
The capability to move men and material from one area to another in a short time.
BT Deployment+

Rapid excavation
BT Excavation

Rapid eye movement in sleep
BT Eye movements+
Sleep+

Rapid testing
use Accelerated testing

Rare earth alloys
BT Alloys
NT Cerium alloys
Misch metal

Rare earth compounds
BT Chemical compounds
NT Cerium compounds
Dysprosium compounds
Erbium compounds
Europium compounds
Gadolinium compounds+
Gallium compounds+
Holmium compounds
Lanthanum compounds+
Lutetium compounds

Rare earth compounds (cont.)
Monazite
Neodymium compounds
Praseodymium compounds
Promethium compounds
Samarium compounds+
Terbium compounds
Thulium compounds
Ytterbium compounds

Rare earth elements
UF Lanthanides
BT Metals+
NT Cerium
Dysprosium
Erbium
Europium
Gadolinium
Holmium
Lanthanum
Lutetium
Neodymium
Praseodymium
Promethium
Samarium
Terbium
Thulium
Ytterbium

Rare gases
BT Gases+
Nonmetals+
NT Argon
Helium+
Krypton+
Neon
Radon
Xenon

Rarefaction

Rarefied atmospheres
BT Atmospheres

Rarefied gas dynamics
BT Gas dynamics+

Rarefied gases
BT Gases+

Rasters
BT Sweep generators+

Rat poison
use Rodenticides

Rate of climb indicators
RT Vertical speed indicators
BT Flight speed indicators+

Rate of descent indicators
BT Flight speed indicators+

Rate of fire
use Firing rate

Rates
NT Burning rate
Cyclic rate
Data rate
Dose rate
Firing rate
Flow rate
Flux(Rate)+
Heart rate
High rate
Lapse rate
Low rate
Morbidity
Mortality rate
Production rate
Pulse rate
Reaction kinetics+
Repetition rate
Strain rate

Ratings
RT Classification
NT Figure of merit
Qualifications
Ranking

Rational functions
BT Meromorphic functions+

Rational numbers
BT Real numbers+

Rations
BT Food
NT Emergency rations
Military rations
Shelter rations
Space rations
Survival rations

Ratios
NT Aspect ratio
Compression ratio
Conversion ratio
Fineness ratio
Froude number
Fuel air ratio
Indexes(Ratios)+
Lift to drag ratio
Nozzle area ratio
Poisson ratio
Signal to noise ratio
Standing wave ratios
Strength weight ratio

Rats
BT Rodents+

Rattlesnakes
BT Snakes+

Rauwolfia alkaloids
UF Rauwolfia serpentina
Serpentine(Alkaloid)
RT Emetics
BT Indole alkaloids+
NT Reserpine

Rauwolfia serpentina
use Rauwolfia alkaloids

Rawinsondes
use Radiosondes

Ray tracing
RT Tracking

Rayleigh scattering
BT Light transmission+
Mie scattering+

Rayleigh Taylor instability
The instability of the interface separating two fluids having different densities when the lighter fluid is accelerated toward the heavier fluid.
BT Instability

Rayleigh waves
BT Elastic waves+
NT Surface acoustic waves

Rayon
RT Orlon
BT Synthetic fibers+

RDX
UF Cyclonite
Cyclotrimethylenetrinitramine
Hexogen
BT Explosives

Reactance
BT Electrical impedance+

Reactants(Chemistry)
BT Chemicals
NT Reducing agents

Reaction(Psychology)
UF Response(Psychology)
RT Boredom
Response(Biology)
BT Behavior+

Reaction control systems
RT Reaction time
BT Control systems

Reaction kinetics
UF Frequency factor
Reaction rate
Reaction velocity
BT Chemical reactions+
Rates

Reaction kinetics (cont.)
NT Arrhenius equation
Breakpoint temperature

Reaction rate
use Reaction kinetics

Reaction time
RT Reaction control systems
BT Response
Time intervals+
NT Quick reaction
Timeliness

Reaction velocity
use Reaction kinetics

Reactive armor
(1-OCT-1993)
Laminated armor in which a section of the layer subjected to impact will explode to defeat a shaped charge jet.
BT Armor+

Reactive gases
BT Gases+

Reactive ion etching
(1-APR-00)
BT Etching

Reactivities

Reactor accidents
RT Reactor hazards
Reactor safety systems
BT Accidents
Reactor operation

Reactor control
BT Control
Reactor operation
NT Reactor shutdown

Reactor coolants
BT Coolants+
Reactor materials+

Reactor cores
BT Cores
Reactor system components

Reactor criticality
RT Reactor shutdown
Reactor theory
BT Reactor kinetics+

Reactor feasibility studies
BT Feasibility studies
Reactor operation

Reactor fuel cladding
BT Cladding
Reactor materials+

Reactor fuel elements
UF Fuel slugs
BT Reactor system components
NT Reactor fuel plates
Reactor fuel rods

Reactor fuel enrichment
RT Enriched fuel reactors
BT Enrichment
Reactor fuel processing

Reactor fuel plates
BT Reactor fuel elements+

Reactor fuel processing
RT Reactor fuels
NT Reactor fuel enrichment

Reactor fuel rods
BT Reactor fuel elements+

Reactor fuels
RT Reactor fuel processing
BT Fuels
Reactor materials+

Reactor hazards
RT Reactor accidents
BT Radiation hazards+
Reactor operation

Reactor inspection
BT Inspection
Reactor operation

Reactor kinetics
BT Reactor operation
NT Reactor criticality

Reactor lattice parameters
BT Parameters
NT Buckling(Neutron density)
Conversion ratio
Fast fission factor
Multiplication factor
Neutron age
Neutron flux
Neutron lifetime
Nonleakage probability
Power coefficient of reactivity
Reactor power density
Reactor reactivity
Resonance escape probability
Temperature coefficient of reactivity
Thermal utilization

Reactor materials
BT Materials
NT Neutron absorbers+
Reactor coolants
Reactor fuel cladding
Reactor fuels
Reactor moderators
Reactor shielding materials

Reactor moderators
BT Reactor materials+

Reactor operation
NT Reactor accidents
Reactor control+
Reactor feasibility studies
Reactor hazards
Reactor inspection
Reactor kinetics+

Reactor poisons
BT Neutron absorbers+
NT Fission product poisoning

Reactor power density
BT Reactor lattice parameters+

Reactor reactivity
UF Excess reactivity
BT Reactor lattice parameters+

Reactor reflectors
BT Reactor system components
Reflectors

Reactor safety fuzes
BT Reactor safety systems+

Reactor safety systems
RT Reactor accidents
BT Reactor system components
Safety equipment+
NT Reactor safety fuzes

Reactor shielding calculations
BT Reactor theory

Reactor shielding materials
BT Reactor materials+

Reactor shutdown
RT Reactor criticality
Reactor start up sources
BT Reactor control+
Shutdowns+

Reactor start up sources
RT Reactor shutdown
Sources
BT Reactor system components
Starting

Reactor system components
RT Nuclear reactors
NT Beam holes
Control rods
Reactor cores
Reactor fuel elements+
Reactor reflectors
Reactor safety systems+
Reactor start up sources
Thermal column

Reactor theory
RT Reactor criticality
NT Neutron multiplication factor
Neutron transport theory
Reactor shielding calculations

Reactors(Atomic)
use Nuclear reactors

Reactors(Electrical)
use Saturable reactors

Reactors(Nuclear)
use Nuclear reactors

Read only memories
BT Memory devices+

Read out techniques
RT Output
BT Input output processing+

Read write memories
BT Memory devices+

Readers(Film)
use Film readers

Readibility
use Legibility

Reading
RT Reading machines
NT Map reading

Reading machines
Devices which convert printed characters to electrical signals for input to data processing equipment. For devices which project microfilm images for viewing, see Film readers.
RT Input
Reading
BT Input output devices+
NT Punched card readers+

Real estate
(1-OCT-1997)
BT Land use+

Real numbers
BT Numbers+
NT Irrational numbers
Prime numbers
Rational numbers

Real time
BT Time

Real variables
UF Linnik's lemma
BT Mathematical analysis+
NT Differential equations+
Monotone functions

Reamers
RT Drilling machines
BT Tools

Rear areas
(1-DEC-1984)
The area in the rear of combat and forward areas.
RT Battlefields

Reasoning
RT Problem solving
BT Mental ability
Psychology+
NT Judgement(Psychology)

Recall
RT Amnesia
Recognition
BT Memory(Psychology)+

Receivers
RT Reception
NT Infrared receivers
Radar receivers
Radio receivers+
Repeaters+
Sonar receivers
Telemetering receivers
Telephone receivers
Teleprinters
Teletypewriters
Ultraviolet receivers

Reception
RT Receivers
NT Radio reception+
Sonar reception

Receptor sites(Physiology)
(1-SEP-1990)
Cell surface components which specifically react with a molecule in the cell's environment, as with a hormone or virus.
UF Active sites(Physiology)
Binding sites(Physiology)
RT Sense organs
BT Nerve cells+

Rechargeable batteries
use Storage batteries

Reciprocating engines
BT Piston engines+
NT Diesel engines
Steam engines

Reciprocating pumps
BT Pumps

Recirculation
BT Circulation

Reclamation
RT Recovery
Recycled materials
Reusable equipment
NT Salvage+
Water reclamation

Recognition
RT Amnesia
Recall
BT Identification
NT Fingerprint recognition
Intelligibility+
Pattern recognition+
Target recognition
Word recognition

Recoil
RT Recoil mechanisms
BT Response

Recoil atoms
Atoms that have momentum as a result of a collision with another atom or particle, or as a result of a radioactive decay process.
RT Recoil particles
BT Atoms

Recoil fluids
use Hydraulic fluids

Recoil mechanisms
UF Counterrecoil mechanisms
Sleighs(Ordnance)
RT Recoil
BT Gun components+

Recoil particles
RT Recoil atoms
BT Charged particles

Recoilless guns
BT Guns+

Recombination ramjet engines
BT Ramjet engines+

Recombination reactions
UF Atom recombination
BT Chemical reactions+

Reconnaissance
RT Surveillance
BT Military operations
NT Aerial reconnaissance
Electronic reconnaissance+
Infrared reconnaissance
Night reconnaissance
Overflight
Photographic reconnaissance+
Tactical reconnaissance

Reconnaissance aircraft
RT Aerial reconnaissance
Tactical reconnaissance
BT Military aircraft+
NT Patrol aircraft
Weather reconnaissance aircraft

Reconnaissance cameras
RT Photographic reconnaissance
Reconnaissance film
BT Cameras+

Reconnaissance film
RT Reconnaissance cameras
BT Photographic film+

Reconnaissance missiles
BT Guided missiles

Reconnaissance satellites
UF Surveillance satellites
BT Artificial satellites+

Recorders
use Recording systems

Recording paper
BT Paper+
NT Photographic paper

Recording systems
UF Recorders
UFC Buoyancy recorders
NT Cassettes
Depth and roll recorders
Digital recording systems
Electronic recording systems+
Flight recorders
Photographic recording systems
Seismographs
Tape recording+
Vertical gust recorders
Video recording

Records
RT Records management
BT Documents
NT Files(Records)+

Records management
(1-SEP-1981)
RT Data management
Records
BT Management

Recoverable booster engines
BT Booster rocket engines+

Recoverable spacecraft
BT Spacecraft

Recovery
RT Reclamation
NT Heat recovery
Materials recovery

Recovery vehicles
Ground transportation devices for recovery operations.
UF Wreckers
BT Vehicles

Recreation
UF Amusement
Games
Play
Sports
RT Relaxation
BT Social sciences
NT Gambling

Recruiters
BT Military personnel+

Recruiting
UF Enlistment
BT Personnel development+
NT Reenlistment

Recruits
BT Military personnel+

Recrystallization
BT Crystallization+

Rectangular bodies
BT Bodies
Geometric forms

Rectangular coordinates
use Cartesian coordinates

Rectifiers
BT Electrical equipment
NT Crystal rectifiers
Dry disk rectifiers
Full wave rectifiers
Half wave rectifiers
Ignitrons
Silicon controlled rectifiers

Rectum
BT Intestines+

Recursion theory
use Mathematical logic

Recursive filters
BT Mathematical filters+

Recursive functions
BT Functions(Mathematics)+

Recycled materials
RT Reclamation
BT Materials

Red(Color)
(1-NOV-1980)
BT Colors+

Red phosphorus
(1-JUN-1989)
An allotropic form of the element phosphorus; violet-red, amorphous powder subliming at 416C, igniting at 260C, insoluble in all solvents.
BT Phosphorus+

Red Sea
BT Arabian Sea+
NT Suez Gulf

REDOX reactions
use Oxidation reduction reactions

Reducing agents
(1-JUL-1999)
BT Reactants(Chemistry)+

Reduction
UF Decreasing
NT Depletion
Drag reduction
Noise reduction+
Shrinkage
Weight reduction

Reduction(Chemistry)
BT Chemical reactions+
NT Smelting

Reduction gears
BT Gears+

Reduction of area
BT Mechanical properties+

Redundancy

Redundant components
Backup parts of systems not necessary for efficient operation but available for immediate use in case of main system failure.
BT Parts

Reduviidae
use Hemiptera

Reed valves
BT Valves

Reefs
BT Topography
NT Coral reefs+
Sandbars

Reels
NT Cable reels

Reenlistment
BT Recruiting+

Reentrant electronics
BT Electronics

Reentry aerodynamics
use Atmosphere entry

Reentry vehicles
NT Maneuverable reentry vehicles+

Refineries
BT Industrial plants

Refining
RT Fractionation
NT Electrorefining

Reflectance
RT Reflectivity
BT Optical properties+
Surface properties+
NT Albedo

Reflection
RT Diffraction
Refraction
NT Acoustic reflection+
Diffuse reflection
Electromagnetic wave reflections+
Glint
Internal reflection
Optical retroreflection
Seismic reflection
Specular reflection+

Reflectivity
RT Reflectance
BT Optical properties+
Surface properties+

Reflectometers
BT Measuring instruments+
Optical instruments+

Reflectors
NT Corner reflectors+
Mirrors+
Radar reflectors+
Reactor reflectors
Retroreflectors

Reflectoscopes
Optical devices for projecting images by reflected instead of transmitted light.
BT Optical equipment

Reflex collimators
BT Gun components+

Reflex klystrons
BT Klystrons+

Reflex sights
BT Periscopic gun sights+

Reflexes
BT Physiology
Response(Biology)+
NT Vasomotor reflexes

Reforestation
BT Forestry+

Reformatsky reactions
use Condensation reactions

Refraction
RT Achromatic
Diffraction
Reflection
Refractive index
NT Acoustic refraction
Atmospheric refraction

Refractive index
UFC Atmospheric refraction index
RT Refraction
BT Optical properties+
NT Snells law

Refractometers
BT Measuring instruments+
Optical instruments+

Refractory coatings
BT Protective coatings+
Refractory materials+

Refractory materials
Nonmetallic ceramic substances used as structural materials at high temperatures. For metals used in similar applications, see Heat resistant alloys and Heat resistant metals.
BT Heat resistant materials+
NT Cermets
Pyrolytic graphite
Refractory coatings
Refractory metal alloys+
Refractory metals+

Refractory metal alloys
BT Heat resistant alloys+
Refractory materials+
NT Iridium alloys
Molybdenum alloys
Niobium alloys
Osmium alloys
Rhenium alloys
Ruthenium alloys
Tantalum alloys
Tungsten alloys

Refractory metals
BT Heat resistant metals+
Refractory materials+
NT Iridium
Molybdenum
Niobium
Refractory metals (cont.)
Osmium
Protactinium
Rhenium
Ruthenium
Tantalum
Technetium
Tungsten

Refrigerant compressors
BT Compressors+
Cooling and ventilating equipment+

Refrigerant condensers
BT Condensers(Liquefiers)
Cooling and ventilating equipment+

Refrigerants
BT Coolants+

Refrigeration systems
RT Cold storage
Food preservation
BT Cooling and ventilating equipment+
NT Cryocoolers

Refueling
UFC Fueling at sea
Refueling at sea
RT Gas pumps
BT Replenishment+
NT Closed circuit refueling
Refueling in flight

Refueling at sea
use all Refueling
Replenishment at sea

Refueling in flight
UF Fueling in flight
RT Replenishment at sea
Tanker aircraft
BT Refueling+

Refueling pumps
BT Fuel pumps+

Refugees
UF Exiles
BT Personnel

Refuse collection
use Waste collection

Regeneration(Electronics)
BT Amplification

Regeneration(Engineering)
NT Superregeneration

Regeneration(Physiology)
RT Rejuvenation
BT Physiology

Regenerative cooling
BT Cooling

Regge poles
BT Elementary particles+

Regiment level organizations
BT Brigade level organizations+
NT Battalion level organizations+

Regional planning
(1-OCT-1997)
BT Planning
NT Urban planning

Regions
UF Zones
NT Coastal regions+
Cold regions+
Hot regions+
Temperate regions

Registers(Circuits)
BT Circuits+
NT Shift registers+

Regolith
RT Lithology
Magma
BT Lithosphere+

Regression analysis
RT Factor analysis
BT Statistical analysis+
NT Least squares method
Linear regression analysis

Regulations
RT Penalties
Policies
BT Legislation

Regulators
BT Control systems
NT Current regulators
Pressure regulators
Pressure switches+
Safety valves
Speed regulators+
Steam traps
Thermostats+
Voltage regulators

Rehabilitation

Reinforced concrete
BT Concrete+
NT Ferrocement
Prestressed concrete

Reinforced plastics
BT Composite materials+
Plastics+
NT Glass reinforced plastics
Prepregs

Reinforcement(Structures)
RT Reinforcing materials
Stiffened cylinders
Stiffening
NT Fiber reinforcement

Reinforcing materials
RT Reinforcement(Structures)
BT Materials

Rejection
RT Acceptability

Rejuvenation
RT Regeneration(Physiology)

Relapsing fever
BT Bacterial diseases+

Relational data bases
(1-JUL-1998)
RT Computer architecture
BT Data bases+
Data management+

Relativistic electrons
(1-JUN-1989)
Electrons traveling at a speed comparable with the speed of light.
BT Electrons+

Relativity theory
BT Theory
NT Mass energy relation

Relaxation
RT Recreation
NT Relaxation(Physiology)
Rest+
Stress relaxation

Relaxation(Physiology)
BT Physiology
Relaxation

Relaxation oscillators
BT Oscillators+

Relaxation time
The time-measurable approach to equilibrium, frequently exponential, in response to an abrupt change of forces in material phenomena.
BT Time intervals+

Relays
NT Electric relays
Electronic relays
Polarized relays
Time delay relays

Relays(Electric)
use Electric relays

Release
RT Release mechanisms

Release mechanisms
UFC Bomb shackle releases
RT Release

Reliability
RT Accuracy
Performance(Engineering)
Vulnerability
NT High reliability
Life expectancy(Service life)+
Reliability(Electronics)

Reliability(Electronics)
BT Reliability

Relief valves
BT Valves

Religion
UF Theology
RT Chaplains
Churches
BT Humanities
NT Islam
Zionism

Relocation
RT Position(Location)

Remote areas
BT Geographic areas
NT Wilderness

Remote control
RT Command and control systems
BT Control
Remote systems

Remote detection
(1-OCT-1991)
RT Remote detectors
BT Detection

Remote detectors
RT Remote detection
BT Detectors
Remote systems

Remote systems
NT Remote control
Remote detectors
Remote terminals
Remotely piloted vehicles

Remote terminals
RT Communication terminals
BT Remote systems
Terminals

Remotely piloted vehicles
UF RPV
BT Drones+
Remote systems

Removal
RT Cancellation
Disposal
NT Erasure
Extraction+
Snow removal

Renal calculi
use Calculi

Rendezvous guidance
RT Rendezvous trajectories
BT Guidance

Rendezvous spacecraft
BT Spacecraft

Rendezvous trajectories
RT Rendezvous guidance
BT Trajectories+

Renin
BT Peptide hydrolases+

Rental equipment
BT Leasing

Renting
use Leasing

Reoviruses
BT Viruses+

Repair
RT Repair shops
BT Maintenance

Repair ships
use Tenders(Vessels)

Repair shops
UF Maintenance shops
RT Repair
BT Shops(Work areas)

Repeater jammers
RT Repeaters
BT Jamming+

Repeaters
RT Repeater jammers
BT Receivers
Transmitters
NT Radar repeaters
Radio relay systems+
Repeaters (cont.)
Radio repeaters

Repellents
NT Fish repellents
Insect repellents
Water repellents

Repellers

Repetition rate
RT Frequency
BT Rates

Repetitive stress injuries
(1-JAN-1998)
RT Physical fitness
BT Stress(Physiology)+
Wounds and injuries

Replacement
RT Disposable equipment
Replacement theory
BT Logistics
NT Replenishment+

Replacement theory
RT Replacement
BT Inventory control+
Theory
NT Just in time inventory

Replenishment
BT Replacement+
NT Refueling+
Replenishment at sea

Replenishment at sea
UFC Fueling at sea
Refueling at sea
RT Refueling in flight
Tanker ships
BT Replenishment+

Replicas
RT Clones
BT Models

Reports
BT Documents
NT Theses

Reprints
BT Documents

Reproducibility
RT Accuracy
Reproduction
BT Production control+

Reproduction
RT Reproducibility
NT Reproduction(Copying)+
Reproduction(Physiology)+
Sound reproduction systems

Reproduction(Copying)
UF Duplicating
BT Reproduction
NT Lithography+
Xerography

Reproduction(Physiology)
RT Gynecology
BT Physiology
Reproduction
NT Breeding
Contraception
Embryos+
Fertility+
Incubation
Ontogeny
Placenta
Reproductive system+

Reproductive system
UF Vagina
UFC Colpotomy
RT Genital diseases
BT Anatomy+
Reproduction(Physiology)+
NT Scrotum
Sex glands+
Uterus

Reptiles
UF Chelonia
Lizards
Saurians
BT Vertebrates+
NT Snakes+
Turtles

Requirements
RT Specifications
NT Military requirements

Rescue beacons
RT Distress signals
BT Beacons+
Rescue equipment
NT Air sea rescue beacons

Rescue equipment
RT Parachutes
Rescues
NT Line throwing equipment
Rescue beacons+
Rescue vehicles+
Sea rescue equipment+

Rescue vehicles
BT Rescue equipment
Vehicles
NT Ambulances

Rescues
RT Rescue equipment
NT Life saving
Sea rescues+
Search and rescue

Research aircraft
UF Research planes
RT Aerospaceplanes
BT Aircraft

Research facilities
RT Test facilities
BT Facilities
NT Laboratories+
Observatories+

Research management
RT Industrial research
BT Management
NT Scientific research

Research planes
use Research aircraft

Research reactors
RT Test reactors
BT Nuclear reactors

Research ships
BT Ships
NT Oceanographic ships

Reserpine
RT Antihypotensive drugs
BT Rauwolfia alkaloids+

Reserve batteries
RT Reserves(Energy)
BT Primary batteries+
Reserve equipment
NT Thermal batteries
Water activated batteries+

Reserve equipment
NT Reserve batteries+

Reserve Officer Training Corps
UF ROTC
BT Military reserves+

Reserves(Energy)
RT Reserve batteries
BT Energy

Reservoirs
NT Oil reservoirs

Reservoirs(Hydraulic)
use Hydraulic accumulators

Residential section
RT Urban areas
Urban planning
BT Sociology+

Residual stress
RT Stress strain relations
BT Stresses+

Residuals
RT Residues

Residues
RT Ashes
Residuals
BT Wastes

Resilience
RT Compressive strength
BT Mechanical properties+

Resin transfer molding
(1-APR-00)
BT Injection molding+

Resins
use Plastics

Resintering
BT Sintering

Resistance
NT Air resistance
Corrosion resistance+
Crash resistance
Electrical resistance+
Erosion resistance
Fire resistance+
Radiation resistance
Resistance(Biology)
Shock resistance
Thermal resistance
Wear resistance

Resistance(Biology)
RT Immunity
Tolerances(Physiology)
BT Resistance

Resistance(Electrical)
use Electrical resistance

Resistance(Physiology)
use Tolerances(Physiology)

Resistance thermometers
BT Thermometers+

Resistance welding
BT Electric welding+
Fusion welding+
NT Electroslag welding

Resistorjet engines
RT Pulsejet engines
BT Rocket engines+

Resistors
UFC Printed resistors
RT Electrical resistance
BT Electrical equipment
NT Carbon resistors
Fixed resistors+
Glass resistors
Resistors (cont.)
Photoresistors
Variable resistors+
Wirewound resistors

Resmethrin
RT Pyrethrins
BT Insecticides+

Resnatrons
BT Electron tubes+

Resolution
RT Character recognition
NT High resolution
Low resolution
Numerical aperture

Resonance
RT Resonant frequency
Resonators
BT Motion
NT Acoustic resonance
Cyclotron resonance
Electron nuclear double resonance
Magnetic resonance+
Spin resonance+

Resonance absorption
RT Absorption spectra
BT Absorption+

Resonance escape probability
BT Reactor lattice parameters+

Resonance radiation
RT Resonance scattering
BT Radiation
NT Mossbauer effect

Resonance scattering
RT Resonance radiation
BT Nuclear scattering+

Resonant cavities
use Cavity resonators

Resonant frequency
UF Natural frequency
Ringing frequency
RT Modal analysis
Resonance
BT Frequency

Resonators
RT Resonance
NT Acoustic resonators
Cavity resonators+
Quartz resonators
Tuning forks

Resorcinol
BT Phenols+

Resource management
RT Resources
BT Management
NT Life cycle management

Resources
RT Resource management
NT Cultural resources
Human resources
Natural resources
Water resources+

Respiration
UF Breathing
Polypnea
UFC Respirometers
RT Respirators
Respiratory system
BT Physiology
NT Artificial respiration
Dyspnea
Exhalation
Inhalation
Pleural pressure
Pressure breathing

Respirators
UF Artificial lungs
RT Respiration
BT Breathing apparatus+

Respiratory diseases
RT Lung
Respiratory system
BT Diseases
NT Asthma
Atelectasis
Bronchitis
Emphysema
Hypercapnia
Peribronchiolitis
Pneumonia+

Respiratory system
RT Dyspnea
Respiration
Respiratory diseases
BT Anatomy+
NT Bronchi
Diaphragms(Anatomy)
Lung+
Nose(Anatomy)
Paranasal sinuses
Throat+
Trachea

Respirometers
use all Measuring instruments
Respiration

Response
A quantitative expression of the output of a device or system as a function of the input.
NT Dynamic response+

Response (cont.)
Frequency response+
Reaction time+
Recoil
Response(Biology)+
Structural response

Response(Biology)
RT Acclimatization
Reaction(Psychology)
BT Response
NT Conditioned response
Galvanic skin response
Motor reactions+
Reflexes+

Response(Psychology)
use Reaction(Psychology)

Rest
BT Relaxation
NT Bed rest
Sleep+

Restarting
(1-JUN-1989)
BT Starting

Restraint
RT Limitations
Rope
NT Harnesses

Resuscitation
BT Therapy+
NT Cardiopulmonary resuscitation

Retail
RT Commerce
Consumers
BT Marketing+

Retaining walls
(1-OCT-1996)
RT Retention(General)
BT Walls+

Retardation
RT Retention(General)

Retarding field oscillators
BT Radiofrequency oscillators+

Retention(General)
RT Retaining walls
Retardation
NT Retention(Psychology)

Retention(Psychology)
BT Memory(Psychology)+
Retention(General)

Reticles
BT Optical equipment components+

Reticular formation

Reticulocytosis
RT Hematology

Reticuloendothelial system
UF Phagocytosis
RT Phagocytes
BT Hematopoietic system+
Tissues(Biology)
NT Macrophages

Retina
RT Chorioretinal burns
Retinopathy
BT Eye+
Photoreceptors+
NT Fovea

Retinene
use Eye pigments

Retinoic acids
(1-JUL-1998)
BT Organic acids+
Vitamin A+

Retinopathy
(1-JAN-1998)
RT Retina
BT Eye diseases+

Retirement
NT Retirement(Personnel)

Retirement(Personnel)
RT Social security
Veterans(Military personnel)
BT Personnel management+
Retirement

Retractable

Retraining
BT Training+

Retransmission
BT Wave propagation+

Retro rockets
BT Rocket engines+

Retrodirective steering
BT Steering

Retrofitting
BT Modification

Retroreflectors
RT Optical retroreflection
BT Reflectors

Retroviruses
(1-OCT-1991)
BT Viruses+

Retroviruses (cont.)
NT Human immunodeficiency viruses

Reusable equipment
RT Reclamation

Revenue sharing
BT Finance

Reverberation
RT Echoes
BT Acoustic scattering+

Reverse engineering
(1-JAN-00)
BT Experimental design+

Reverse flow
use Secondary flow

Reverse osmosis
RT Desalination
BT Osmosis+

Reverse thrust
use Thrust reversal

Reverse velocity rotors
BT Rotors

Reversible

Revetments
RT Levees
BT Embankments+
NT Riprap

Revolvers
use Pistols

Reynolds number
BT Fluid dynamics+

Reynolds stresses
use Shear stresses

Rh blood factors
use Blood groups

Rh incompatibility
BT Blood group disorders+

Rhenides
use Rhenium alloys

Rhenium
RT Rhenium alloys
Rhenium compounds
BT Refractory metals+
Transition metals+

Rhenium alloys
UF Rhenides
RT Rhenium
Rhenium compounds

Rhenium alloys (cont.)
BT Refractory metal alloys+

Rhenium compounds
RT Rhenium
Rhenium alloys
BT Group VII compounds+

Rheology
RT Rheometers
Viscosity
BT Mechanical properties+
NT Electrorheology
Magnetorheology
Viscosity index

Rheometers
RT Rheology
BT Flowmeters+

Rheopneumograms
RT X ray diagnostics

Rheostats
use Variable resistors

Rhesus monkeys
BT Macaque monkeys+

Rheumatic diseases
UF Rheumatic fever
BT Cardiovascular diseases+
NT Arthritis

Rheumatic fever
use Rheumatic diseases

Rhinology
RT Nose(Anatomy)
BT Otorhinolaryngology

Rhinoviruses
BT Picornaviruses+

Rhizopoda
BT Protozoa+
NT Amoebina+
Foraminifera

Rhode Island
BT New England+
NT Block Island
Narragansett Bay

Rhodesia
BT Subsaharan Africa+
NT Zambia
Zimbabwe

Rhodium
RT Rhodium alloys
Rhodium compounds
BT Precious metals+

Rhodium alloys
RT Rhodium
Rhodium compounds
BT Alloys

Rhodium compounds
RT Rhodium
Rhodium alloys
BT Group VIII compounds+

Rhodophyta
use Algae

Rhodopsin
use Eye pigments

Rhombus
BT Geometric forms

Rhyncophylline
use Alkaloids

Rhythm(Biology)
use Biological rhythms

Ribbon parachutes
BT Parachutes

Riboflavin
use Vitamin B complex

Ribonuclease
RT Ribonucleic acids
BT Nucleotidyl transferases

Ribonucleic acids
RT Ribonuclease
BT Nucleic acids+
NT Deoxyribonucleic acids
Ribonucleotides

Ribonucleotides
RT Ribosomes
BT Ribonucleic acids+

Ribose
BT Pentoses+

Ribose phosphates
use Saccharide phosphates

Ribosomes
RT Ribonucleotides
BT Cytoplasm+

Ribs
RT Thorax
BT Bones+

Ribulose
use Pentoses

Riccati equation
BT Linear differential equations+

Rice paddies
BT Farms+

Richardson number
(1-SEP-1990)
A dimensionless number used in studying the stratified flow of multilayered systems.
BT Fluid dynamics+

Richardson's method
use Numerical methods and procedures

Ricin
BT Globulins+
Phytotoxins+

Rickettsia
BT Rickettsiaceae+
NT Rickettsia akari
Rickettsia rickettsii
Rickettsia tsutsugamushi
Typhus rickettsiae+

Rickettsia akari
BT Rickettsia+

Rickettsia prowazekii
BT Typhus rickettsiae+

Rickettsia rickettsii
UFC Rocky Mountain spotted fever
Spotted fever
BT Rickettsia+

Rickettsia tsutsugamushi
BT Rickettsia+

Rickettsia typhi
BT Typhus rickettsiae+

Rickettsiaceae
BT Rickettsiales+
NT Coxiella+
Rickettsia+

Rickettsial antibodies
BT Antibodies

Rickettsial diseases
(1-OCT-1992)
Diseases caused by Rickettsiales.
UFC Rocky Mountain spotted fever
RT Rickettsiales
BT Infectious diseases+

Rickettsiales
Specific organism names are used in combination with DISEASES to describe specific rickettsial diseases.
RT Rickettsial diseases
BT Microorganisms
NT Bartonellaceae+

Rickettsiales (cont.)
Chlamydiaceae+
Rickettsiaceae+

Ricochet

Ride quality

Ridges
RT Landforms
NT Ocean ridges+

Riemann invariants
use Partial differential equations

Riemann problem
use Cauchy problem

Riemann surfaces
use Complex variables

Riemannian space
use Algebraic topology

Riesz integrals
use Integrals

Riesz transform
use Series(Mathematics)

Rifle grenade launchers
RT Gun launchers
BT Grenade launchers+
Rifles+

Rifles
RT Bayonets
Rifling
BT Small arms+
NT Rifle grenade launchers

Rifling
RT Howitzers
Rifles
BT Gun barrels+

Rift Valley fever
RT Rift Valley fever virus
BT Virus diseases+

Rift Valley fever virus
RT Rift Valley fever
BT Arboviruses+

Rigging
(1-NOV-1980)
The ropes, chains, pulleys, etc., employed to support and work the mast, soils, yards, etc.; tackle in general.
BT Materials handling equipment

Right angles
BT Angles

Rigid rod polymers
(1-JUL-00)
BT Polymers+

Rigidity
RT Flexural strength
BT Mechanical properties+
NT Semirigid

Rinderpest vaccine
use all Rinderpest virus Vaccines

Rinderpest virus
UFC Rinderpest vaccine
BT Viruses+

Ring domains
use Algebra

Ring functions
use Functions(Mathematics)

Ring lasers
BT Lasers+

Ring stiffened cylinders
BT Stiffened cylinders+

Ring wings
UF Annular wings
RT Shrouded propellers
BT Wings+

Ringing frequency
use Resonant frequency

Rings
BT Geometric forms
NT Guard rings
O rings
Piston rings
Slip rings

Rings(Mathematics)
BT Mathematics

Riometers
RT Ionospheric propagation
BT Measuring instruments+

Riot control
RT Civil defense
Civil disturbances
BT Law enforcement+
NT Riot control agents

Riot control agents
BT Incapacitating agents+
Riot control+

Ripcords
BT Parachutes

Ripening
use Curing

Ripples
BT Waves

Riprap
(1-SEP-1990)
A foundation or revetment in water or on soft ground made of irregularly placed stones or pieces of boulders.
BT Revetments+

Risk
RT Hazards
BT Vulnerability
NT Risk analysis
Risk management

Risk analysis
(1-APR-1998)
BT Risk+
Systems engineering+

Risk management
(1-JUL-00)
RT Damage control
BT Risk+
Safety

Risk theory
use Probability

River currents
RT Rivers
Streamflow analysis
BT Currents

Riverine warfare
BT Warfare

Rivers
RT River currents
BT Geographic areas
Streams+
NT Alabama River
Amazon River
Arkansas River
Colorado River
Columbia River
Congo River
Connecticut River
Delaware River
Iowa River
Mississippi River
Missouri River
Ohio River
Potomac River
Saint Lawrence Seaway
Tennessee River
Tombigbee River
York River

Riveted joints
RT Rivets
BT Joints

Riveting hammers
RT Rivets
BT Hammers+

Rivets
RT Riveted joints
Riveting hammers
BT Locking fastener devices+

Road building equipment
RT Roads
BT Construction equipment+

Road tests
BT Test methods+

Roads
RT Pavements
Road building equipment
NT Causeways
Highways

Roadwheels
UF Bogie wheels
RT Tracked vehicles
Wheels
BT Vehicle chassis components+

Robbing-Monro process
use Statistical processes

Robotics
(1-MAY-1983)
The science of robots.
RT Automata
Robots
Teleoperators
NT Sensor fusion

Robots
(1-MAY-1983)
A completely self-controlled electronic, electric, or mechanical device.
RT Robotics

Rock
RT Rock forming minerals
Rock mechanics
BT Geology+
NT Boulders
Igneous rock+
Metamorphic rock+
Sedimentary rock+
Tuff

Rock drilling
BT Drilling

Rock forming minerals
RT Rock
BT Minerals
NT Beryl
Calcite
Feldspar+
Garnet+
Graphite+
Magnetite
Mica
Olivine
Perovskites
Quartz
Rock salt
Rutile
Talc

Rock mechanics
RT Rock
BT Mechanics

Rock salt
UF Halite
Salt domes
RT Sodium chloride
BT Rock forming minerals+
Salts+
Sedimentary rock+

Rock slides
use Avalanches

Rocket aircraft
BT Aircraft

Rocket antennas
RT Guided missile antennas
BT Antennas
Rocket components+

Rocket arming units
use all Arming devices
Rocket fuzes

Rocket assisted projectiles
BT Projectiles+

Rocket boosters
use Booster rocket engines

Rocket cases
use Rocket engine cases

Rocket charges
use Rocket propellant grains

Rocket closure cups
BT Nozzle closures+
Rocket components+

Rocket components
RT Guided missile components
BT Rockets
NT Folding fins(Rockets)
Rocket antennas

Rocket components (cont.)
Rocket closure cups
Rocket engine cases
Rocket fuzes
Rocket igniters
Rocket noses
Rocket nozzles
Rocket warheads
Thrust chambers

Rocket engine cases
UF Rocket cases
UFC Booster rocket cases
BT Rocket components+

Rocket engine noise
RT Rocket engines
BT Engine noise+

Rocket engines
UF Rocket motors
UFC Firing tests(Rocket)
RT Rocket engine noise
Rocket propulsion
Rockets
BT Engines
NT Arc jet engines
Booster rocket engines+
Controllable thrust rocket engines
Ducted rockets
Engine clusters
Fourth stage engines
Hybrid rocket engines
Ion engines
Liquid propellant rocket engines+
Movable rocket engines
Nozzleless rocket engines
Plasma engines
Resistorjet engines
Retro rockets
Rocket ramjets+
Second stage engines
Solar rockets
Solid propellant rocket engines+
Sustainer engines
Third stage engines
Thixotropic propellant rocket engines
Thrusters
Vernier rocket engines

Rocket exhaust
RT Exhaust plumes
BT Exhaust gases+

Rocket flares
RT Illuminating projectiles
BT Flares+

Rocket fuels
RT Rocket propellants
BT Fuels
NT Liquid rocket fuels+
Solid rocket fuels

Rocket fuzes
UFC Base detonating rocket fuzes
Point detonating rocket fuzes
Rocket arming units
RT Guided missile fuzes
BT Fuzes(Ordnance)+
Rocket components+

Rocket grains
use Rocket propellant grains

Rocket heads
use Rocket warheads

Rocket helicopter rotors
use Jet helicopter rotors

Rocket igniters
BT Igniters+
Rocket components+

Rocket laboratories
RT Rocket research
BT Laboratories+

Rocket launchers
UFC Aircraft rocket launchers
Automatic rocket launchers
RT Rocket launching
BT Launchers
Projectors(Ordnance)+
NT Bazookas

Rocket launching
RT Rocket launchers
BT Launching

Rocket models
RT Rockets
BT Models

Rocket motors
use Rocket engines

Rocket noses
RT Nose cones
BT Noses
Rocket components+

Rocket nozzles
BT Exhaust nozzles+
Rocket components+

Rocket propellant grains
UF Grains(Rocket propellant)
Rocket charges
Rocket grains
BT Propellant grains+
Solid rocket propellants+

Rocket propellants
RT Rocket fuels
BT Propellants
NT Gaseous rocket propellants
Hybrid rocket propellants

Rocket propellants (cont.)
Hypergolic rocket propellants
Liquid rocket propellants+
Solid rocket propellants+

Rocket propulsion
RT Rocket engines
BT Propulsion systems

Rocket ramjets
BT Ramjet engines+
Rocket engines+
NT Integral rocket ramjets

Rocket research
RT Rocket laboratories
BT Rockets

Rocket sights
BT Sights+

Rocket sleds
UF Rocket-propelled sleds
RT Sled tests
BT Sleds+
Test vehicles

Rocket targets
BT Targets

Rocket trajectories
UFC Underwater rocket trajectories
RT Guided missile trajectories
BT Trajectories+

Rocket warheads
UF Rocket heads
UFC Antitank rocket heads
RT Guided missile warheads
BT Rocket components+
Warheads+

Rocketborne

Rockets
Unmanned, self-propelled vehicles, with or without a warhead, whose trajectory or course cannot be altered after launch.
UFC Antiaircraft rockets
Antitank rockets
AT rockets
Incendiary rockets
Practice rockets
Smoke rockets
RT Guided missiles
Rocket engines
Rocket models
NT Aircraft rockets
Artillery rockets
Rocket components+
Rocket research
Sounding rockets
Spin stabilized rockets

Rockets (cont.)
Underwater rockets
Window rockets

Rocket-propelled sleds
use Rocket sleds

Rockfill dams
(1-SEP-1990)
Dams constructed of loosely placed rock or stone.
BT Dams

Rocky Mountain spotted fever
use all Rickettsia rickettsii
Rickettsial diseases

Rocky Mountains
(1-JUN-1989)
The chief mountain system in North America extending from Central New Mexico to N. Alaska.
BT Mountains+

Rodent control
RT Rodenticides
Rodents
BT Pest control+

Rodenticides
UF Rat poison
RT Rodent control
BT Pesticides+

Rodents
UF Dipodomys
Muskrats
RT Rabbits
Rodent control
BT Mammals+
NT Guinea pigs
Hamsters
Mice
Rats
Squirrels

Rodmeters
BT Measuring instruments+

Rods
UF Bars
BT Structural components+
NT Connecting rods
Spindles

Roentgen rays
use X rays

Roles(Behavior)
RT Peer groups
BT Behavior+

Roll
BT Angular motion+
Attitude(Inclination)+
NT Ground roll(Aeronautics)+

Roll bonding
RT Cladding
BT Bonding+

Rolled homogeneous armor
(1-OCT-1999)
BT Armor+

Roller bearings
BT Antifriction bearings+
NT Journal bearings
Needle bearings

Rollers
NT Bearing rollers

Rolling(Metallurgy)
UF Cross rolling
Hot rolling
Warm rolling
RT Rolling mills
BT Mechanical working+
NT Cold rolled process

Rolling contact bearings
use Antifriction bearings

Rolling mills
RT Rolling(Metallurgy)
BT Industrial plants

Romania
use Rumania

Roofs
BT Buildings+

Rook polynomials
use Polynomials

Room temperature
BT Temperature

Root canal
RT Dental surgery
BT Teeth+

Rope
RT Restraint
BT Cordage
NT Wire rope

Rorschach test
use Projective techniques

Rosette scan
BT Scanning

Rosin
BT Organic materials+

Ross Sea
BT Antarctic regions+

Rossby waves
BT Standing waves+

Rotable designs
use Combinatorial analysis

Rotafoil parachutes
use Rotorchutes

Rotary combustion engines
BT Internal combustion engines+

Rotary compressors
BT Compressors+
NT Axial flow compressors
Centrifugal compressors+

Rotary inverters
BT Inverters
Power equipment

Rotary pumps
BT Pumps
NT Centrifugal pumps
Propeller pumps

Rotary seals
BT Seals(Stoppers)

Rotary switches
BT Electric switches+

Rotary valves
BT Valves

Rotary wing aircraft
RT Rotary wings
Short takeoff aircraft
BT Vertical takeoff aircraft+
NT Autogyros
Helicopters+
Tilt rotor aircraft

Rotary wings
RT Rotary wing aircraft
Rotor blades(Rotary wings)
BT Wings+
NT Autogyro rotors
Helicopter rotors+

Rotating antennas
BT Antennas

Rotating bands
UF Bands(Projectiles)
Obturating bands
BT Ammunition components+

Rotating drum cameras
BT High speed cameras+

Rotating mirror cameras
BT High speed cameras+

Rotating prism cameras
BT High speed cameras+

Rotation
RT Precession
Turntables
BT Angular motion+
NT Autorotation
Counterrotation

Rotation(Chemical bonds)
BT Chemical bonds+

ROTC
use Reserve Officer Training Corps

Rotodomes
BT Radomes+

Rotons

Rotor blades
BT Blades
NT Rotor blades(Rotary wings)
Rotor blades(Turbomachinery)+

Rotor blades(Rotary wings)
UF Autogyro rotor blades
Helicopter blades
RT Rotary wings
BT Blade airfoils+
Rotor blades+

Rotor blades(Turbomachinery)
RT Impellers
Turbomachinery
BT Rotor blades+
NT Compressor blades+
Turbine blades+

Rotorchutes
UF Rotafoil parachutes
BT Parachutes

Rotors
NT Axial flow turbine rotors
Compressor rotors
Impellers
Reverse velocity rotors
Turbine wheels+

Roughness
BT Surface properties+
NT Surface roughness+

Rounds counters
UF Actuation counters
Counters(Gun actuation)
Gun actuation counters

Rounds counters (cont.)
Rounds-left indicators
BT Counters
Gun components+

Rounds-left indicators
use Rounds counters

Routing

RPV
use Remotely piloted vehicles

Rubber
Natural rubber, latex, and its vulcanizates and products.
RT Gum stocks
Rubber adhesives
BT Elastomers
NT Butyl rubber
Ebonites
Foam rubber
Latex
Natural rubber
Synthetic rubber+

Rubber adhesives
RT Rubber
BT Adhesives

Rubber boats
BT Boats

Rubber coatings
RT Protective coatings
BT Organic coatings+

Rubber fibers
RT Elastic webbing
BT Fibers

Rubber gaskets
RT Rubber seals
BT Gaskets+

Rubber gloves
BT Gloves+

Rubber seals
RT Rubber gaskets
BT Seals(Stoppers)

Rubella
BT Infectious diseases+
Measles viruses+

Rubidium
RT Rubidium compounds
BT Alkali metals+

Rubidium compounds
RT Rubidium
BT Alkali metal compounds+

Rubrenes
BT Biphenyl+
Methane+

Ruby
BT Corundum+
Gems(Minerals)+

Ruby lasers
BT Solid state lasers+

Rudders
BT Control surfaces+
NT Aerial rudders
Marine rudders

Ruggedized equipment
RT Heavy duty

Rugs
use Carpets

Rule based systems
(1-OCT-1991)
Expert system in which problem solving techniques are codified into a series of situation-action rules.
BT Expert systems+

Rumania
UF Romania
BT Eastern Europe+

Runge Kutta method
BT Numerical integration+

Runoff
RT Drainage
Rainfall

Runway lights
use all Marker lights
Runways

Runways
UFC Runway lights
BT Landing fields+
NT Taxiways

Rupture
UF Burst
RT Fracture(Mechanics)
BT Failure(Mechanics)+

Rural areas
BT Geographic areas
NT Villages

Russia
(1-OCT-1994)
BT CIS+
NT Franz Josef Land
Kurile Islands
Siberia+

Russian equipment
(1-SEP-1990)

Russian language
BT Foreign languages+

Russian spring summer encephalitis virus
BT Group B arboviruses+

Rust(Oxidation)
BT Chemical attack(Degradation)+
Oxidation+

Rusts(Fungi)
UF Rusts(Microorganisms)
Uredinales
BT Basidiomycetes+
NT Puccinia(Rusts)

Rusts(Microorganisms)
use Rusts(Fungi)

Ruthenates
BT Ruthenium compounds+

Ruthenium
RT Ruthenium alloys
Ruthenium compounds
BT Precious metals+
Refractory metals+

Ruthenium alloys
RT Ruthenium
Ruthenium compounds
BT Refractory metal alloys+

Ruthenium compounds
RT Ruthenium
Ruthenium alloys
BT Group VIII compounds+
NT Ruthenates

Rutile
BT Rock forming minerals+
Titanium dioxide+

Rutin
use Vitamin P

Rwanda
(1-OCT-1997)
BT Subsaharan Africa+

Ryanodine
use Alkaloids

Rydberg constant
(1-JUN-1997)
BT Atomic spectra+

Ryukyu Islands
BT Japan+
NT Okinawa

S

S band
1,550 to 5,200 mhz
BT Superhigh frequency+

S matrix
BT Operators(Mathematics)+

Sabot projectiles
RT Sabots
BT Projectiles+

Sabotage
RT Subversion
BT Unconventional warfare+

Sabots
(1-DEC-1984)
Lightweight carrier in which a subcaliber projectile is centered to permit firing the projectile in the larger caliber weapon; the sabot diameter fills the bore of the weapon from which the projectile is fired.
RT Sabot projectiles

Saccharic acid
use Sugar acids

Saccharidases
RT Saccharide phosphates
BT Enzymes

Saccharide phosphates
UF Fructose phosphates
Lactose phosphates
Pentose phosphates
Ribose phosphates
Triose phosphates
Xylose phosphate
RT Saccharidases
BT Phosphates+

Saccharides
use Carbohydrates

Saccharomycetes
BT Ascomycetes+

Safety
UF Safety engineering
Safety measures
RT Collision avoidance
Warning systems
NT Aviation safety+
Boat and ship safety
Crashworthiness
Eye safety
Fail safe
Fire safety+
Guided missile safety
Laser safety
Public safety

Safety (cont.)
Radiation protection+
Range safety
Risk management
Safety equipment+
Safety factor+
Safing and arming(Ordnance)
System safety

Safety belts
RT Harnesses
BT Safety equipment+

Safety devices
use Safety equipment

Safety engineering
use Safety

Safety equipment
UF Safety devices
RT Guard rings
BT Safety
NT Air bag restraint systems
Antifogging devices
Fire alarm systems
Marine safety equipment+
Reactor safety systems+
Safety belts

Safety factor
(1-OCT-1992)
The ratio of the maximum load or stress to the maximum permitted load or stress.
BT Safety
NT Margin of safety

Safety fuses
A flexible tube with a powder core that conveys fire to a detonator. For a fuse with a high-explosive core, see Detonating cord.
BT Fuzes(Ordnance)+

Safety measures
use Safety

Safety valves
BT Regulators+
Valves

Safing and arming(Ordnance)
(1-SEP-1981)
BT Safety

Saharan Africa
BT Africa+
NT Mauritania

Sailors
use Naval personnel

Sailplanes
use Gliders

Sailwings
RT Gliders
BT Parawings+

Saint Lawrence Seaway
(1-MAY-1983)
BT Inland waterways+
Rivers+

Saint Louis(Missouri)
BT Missouri+
Urban areas+

Saint Louis encephalitis virus
BT Group B arboviruses+

Salads
BT Food

Salamanders
use Amphibians

Salaries
UF Pay
Payroll
Wages
BT Income+

Salicylates
RT Salicylic acids
BT Benzoates+

Salicylic acids
UF Aspirin
RT Salicylates
BT Benzoic acids+

Saline solution
RT Salinity
Salinometers
BT Aqueous solutions+
Solutions(Mixtures)+

Saline water
use Salt water

Salinity
RT Alkalinity
Saline solution
Salinometers
BT Chemical properties+

Salinometers
RT Saline solution
Salinity
BT Measuring instruments+
Oceanographic equipment

Saliva
RT Salivary glands
BT Body fluids+

Salivary glands
UF Sublingual glands
Submaxillary glands
RT Saliva
BT Glands+
Mouth+
NT Parotid glands

Salmon
use Fishes

Salmonella
UF Eberthella
RT Salmonellosis
BT Enterobacteriaceae+
NT Salmonella enteritidis
Salmonella paratyphi
Salmonella typhi
Salmonella typhimurium
Salmonella typhosa

Salmonella enteritidis
BT Salmonella+

Salmonella paratyphi
BT Salmonella+

Salmonella typhi
(1-OCT-1992)
RT Typhoid
BT Salmonella+

Salmonella typhimurium
BT Salmonella+

Salmonella typhosa
BT Salmonella+

Salmonellosis
RT Salmonella
BT Bacterial diseases+

Salt domes
use Rock salt

Salt spray tests
RT Ocean environments
Sea water corrosion
BT Environmental tests+

Salt water
UF Saline water
BT Water+
NT Brackish water
Brines
Sea water

Salts
BT Chemical compounds
NT Molten salts
Quaternary compounds
Rock salt
Sodium chloride

Salvage
BT Reclamation
NT Marine salvage

Salvage fuzing
(1-OCT-1992)
The possibility of a nuclear warhead fuzing upon intercept.
BT Nuclear weapons+

Salves
use Ointments

Salvos
BT Gunnery

Samarium
RT Samarium compounds
BT Rare earth elements+

Samarium compounds
RT Samarium
BT Rare earth compounds+
NT Samarium intermetallics

Samarium intermetallics
BT Intermetallic compounds+
Samarium compounds+

Sampans
BT Boats

Samplers
UF Impingers
Sampling apparatus
RT Sampling

Sampling
RT Counting methods
Samplers
BT Collecting methods+
NT Core sampling
Ocean bottom sampling

Sampling apparatus
use Samplers

San Diego Bay
BT Bays+
California+

San Francisco Bay
BT Bays+
California+
Estuaries+

Sand
UFC Sandblasting
RT Sandbars
Sandstone
BT Ores(Nonmetallic)
Soils
NT Grit

Sand casting
BT Casting+

Sand fleas
BT Pulex+

Sandbags
(1-SEP-1981)
Bags filled with sand; as one used in a pile to form a wall, a revetment, a field fortification or as a protection for buildings.

Sandbars
RT Sand
BT Reefs+

Sandblasting
use all Abrasive blasting
Sand

Sanders
use Grinders

Sandfly fever virus infection
BT Virus diseases+

Sandstone
RT Sand
Schist
BT Sedimentary rock+

Sandwich construction
RT Honeycomb structures
NT Sandwich panels

Sandwich panels
BT Panels
Sandwich construction
Structural components+

Sanitary engineering
RT Sanitation
Waste disposal
BT Engineering
NT Septic tanks

Sanitation
RT Sanitary engineering
BT Hygiene
NT Waste management+

Santa Barbara Islands
BT California+
Pacific Ocean Islands+

SAP bombs
use all Armor piercing ammunition
Bombs

Saponification number

Saponins
use Glycosides

Sapphire
BT Corundum+
Gems(Minerals)+

Sarcina
RT Anaerobic bacteria
BT Micrococcaceae+
NT Sarcina lutea

Sarcina lutea
BT Sarcina+

Sarcoma
RT Sarcoma virus
BT Neoplasms+
NT Neuroblastoma

Sarcoma virus
RT Sarcoma
BT Viruses+

Sardinia
BT Italy+
Mediterranean Sea Islands+

Sargasso Sea
BT North Atlantic Ocean+

Sarin
use GB agent

Saskatchewan
BT Canada+

Satellite antennas
BT Spacecraft antennas+

Satellite attitude
BT Attitude(Inclination)+

Satellite communications
(1-NOV-1980)
Communication (i.e., process/phenomenon), that involves the use of an active or passive satellite to extend the range of a radio, television or other transmitter by returning signals to earth from an orbiting satellite, (i.e., the satellite is only a part of the overall system).
RT Satellite networks
BT Space communications+

Satellite imagery
(1-OCT-1996)
Imaging technology from a satellite or spacecraft using any portion of the electromagnetic spectrum.
BT Optical detection+
NT Satellite photography

Satellite meteorology
(1-OCT-1991)
RT Meteorological satellites
BT Meteorology+

Satellite networks
RT Satellite communications
BT Artificial satellites+
Networks

Satellite photography
(1-DEC-1984)
Spaceborne photography from a satellite.
BT Photography
Satellite imagery+

Satellite tracking systems
BT Tracking

Satellite vehicles
use Artificial satellites

Satellites(Artificial)
use Artificial satellites

Saturable reactors
UF Reactors(Electrical)
Saturable transformers
BT Electric reactors+

Saturable transformers
use Saturable reactors

Saturated soils
(1-JUN-1989)
Condition in which the interstices of a soil are filled with a liquid, usually water.
RT Saturation
Wetlands
BT Soils

Saturation
RT Humidity
Saturated soils
Wetting
NT Supersaturation

Saturation diving
BT Diving

Saturn(Planet)
BT Outer planets+

Saudi Arabia
BT Arabia+

Sauerkraut
BT Vegetables+

Saurians
use Reptiles

Sausage
BT Meat+

Savannahs
use Grasslands

Savings
RT Banking
NT Cost reduction

Saw blades
UF Hacksaw blades
BT Blades
Saws+

Sawdust
BT Wood

Saws
UF Band saws
Hand saws
BT Cutting tools+
NT Saw blades

Sawtooth waveforms
BT Waveforms

Scalar functions
BT Functions(Mathematics)+

Scale
NT Photographic scale

Scale models
BT Models

Scale theory
use Statistical analysis

Scalers
UF Scaling circuits
BT Circuits+

Scales(Weighing)
use Balances

Scaling(Psychology)
use Psychometrics

Scaling circuits
use Scalers

Scaling factor
UF Scaling laws

Scaling laws
use Scaling factor

Scandium
RT Scandium compounds
BT Precious metals+

Scandium compounds
RT Scandium
BT Group III compounds+

Scanners
RT Scanning
NT Electronic scanners
Flying spot scanners
Horizon scanners
Panoramic scanners

Scanning
RT Scanners
NT Area scanning
Conical scanning
Line scanning
Mechanical scanning
Optical scanning+
Radar scanning
Radio scanning
Rosette scan
Scanning sonar
Track while scan

Scanning electron microscopes
(1-JUN-1989)
Electron microscopes in which a beam of electrons systematically sweeps over the specimen; the intensity of secondary electrons generated at the beam impact point is measured and the resulting signal fed into a CRT display.
BT Electron microscopes+

Scanning sonar
BT Scanning
Sonar

Scarlet fever
RT Streptococcus
BT Bacterial diseases+

Scars
RT Wounds and injuries
BT Tissues(Biology)

Scatter bombing
use Area bombing

Scattering
Random dispersion over a comparitively wide area, as of aerosol particles, ammunition fragments, or beams of radiation. For the process of intermingling of molecules as the result of thermal agitation or differences in concentration, see Diffusion.
RT Diffraction
Dispersing
Scatterometers
NT Acoustic scattering+
Atmospheric scattering+
Backscattering
Elastic scattering+
Electromagnetic scattering+
Electron scattering
Forward scattering

Scattering (cont.)
Inverse scattering
Nuclear scattering+
X ray scattering

Scattering cross sections
RT Absorption cross sections
BT Nuclear cross sections+
NT Born approximations
Differential cross sections

Scattering operator
use Operators(Mathematics)

Scatterometers
(1-MAY-1983)
A microwave sensor that is essentially a radar without circuits, used to measure only the reflection or scattering coefficient while scanning the surface of the earth from an aircraft or a satellite.
RT Scattering
BT Measuring instruments+

Scenarios
(1-SEP-1981)

Scene generation
(1-APR-1998)
RT Optical images
BT Image processing+

Schalkwijk coding
BT Coding+

Scheduling
RT Time
Time series analysis
BT Production engineering+
NT Job shop scheduling
Lead time

Schematic diagrams
BT Diagrams+

Schist
RT Sandstone
BT Metamorphic rock+

Schistosoma
RT Schistosomiasis
BT Parasites+
Trematodes+
NT Schistosoma japonicum
Schistosoma mansoni

Schistosoma japonicum
BT Schistosoma+

Schistosoma mansoni
BT Schistosoma+

Schistosomiasis
RT Antischistosomal drugs
Schistosoma
BT Helminthic diseases+

Schizogony
BT Cell division+
NT Merozoites

Schizophrenia
BT Psychoses+

Schlicht functions
use Functions(Mathematics)

Schlieren photography
RT Flow visualization
BT High speed photography+

Schmidt cameras
use Astronomical cameras

Schmidt theory
use Integral equations

Schoenemann reactions
A method for the detection of anticholinesterase agents in which there is formed a perphosphate ion by the interaction of H202 with a phosphoro-fluoridate ester.
BT Chemical reactions+

Schools
RT Graduates
Instructors
BT Education+
NT Consortiums
United States Air Force Academy
United States Coast Guard Academy
United States Military Academy
United States Naval Academy
Universities

Schottky barrier devices
BT Semiconductor devices+

Schrodinger equation
BT Wave equations+

Schwartz's theory
use Distribution theory

Sciatic nerve
BT Nerves+
Peripheral nervous system+

Science fairs
BT Education+

Scientific expeditions

Scientific literature
BT Documents

Scientific organizations
UF Organizations(Scientific)
RT Scientists
BT Organizations

Scientific personnel
use Scientists

Scientific research
(1-APR-1999)
BT Research management+

Scientific satellites
BT Artificial satellites+
NT Meteorological satellites

Scientists
UF Scientific personnel
UFC Geographers
Geophysicists
RT Scientific organizations
BT Personnel
NT Archeologists
Astronomers
Biologists
Chemists
Physicists

Scintillation
RT Phosphorescence
Scintillation counters
NT Ionospheric scintillation

Scintillation counters
RT Scintillation
BT Particle counters+
Radiation measuring instruments+

Scleroproteins
use Albuminoids

Sclerotinia
BT Discomycetes+

Scombrone
use Histones

Scoops
RT Air intakes
NT Duct inlets

Scoops(Aerodynamics)
use Duct inlets

Scopolamine
RT Parasympatholytic agents
BT Tropane alkaloids+

Scoring
BT Counting methods

Scotland

Scotopia
use all Adaptation(Physiology)
Vision

Scout aircraft
use Patrol aircraft

Scout bombers
use all Bomber aircraft
Patrol aircraft

Scout cars
BT Utility vehicles+

Scout trainers
use all Patrol aircraft
Training aircraft

SCR(Rectifiers)
use Silicon controlled rectifiers

Scrapers
BT Tools

Scratchpad memories
BT Memory devices+

Screaming combustion
BT Combustion+

Screening(Selection)
use Selection

Screens(Displays)
UF Screens(Viewing)
Viewing screens
RT Photographic projectors
Viewers
BT Display systems
NT Fluorescent screens+
Motion picture screens

Screens(Fluorescent)
use Fluorescent screens

Screens(Viewing)
use Screens(Displays)

Screens(Woven materials)

Screw threads
BT Screws+

Screwdrivers
RT Screws
BT Small tools+

Screws
RT Screwdrivers
BT Fastenings
NT Screw threads

Screws(Marine)
use Marine propellers

Scrotum
RT Testes
BT Reproductive system+

Scrub typhus
(1-SEP-1990)
A self-limited, febrile disease of 2-weeks duration caused by Rickettsia tsutsugamushi. Also called mite-borne typhus and tsutsugamushi disease.
UF Tsutsugamushi disease
BT Typhus+

Scrubbers
RT Cleaning
BT Air pollution control equipment+

Scuba apparatus
UF Aqualung
RT Scuba diving
BT Breathing apparatus+

Scuba divers
RT Aquanauts
Scuba diving
BT Divers+
Swimmers+

Scuba diving
RT Scuba apparatus
Scuba divers
Wet suits
BT Diving

Sea based
UFC Sea based ballistic missile intercept system

Sea based ballistic missile intercept system
use all Ballistic missile intercept systems
Sea based

Sea bottom
use Ocean bottom

Sea breeze
BT Wind+

Sea clutter
UF Sea return
RT Ground clutter
BT Clutter+

Sea control ships
BT Naval vessels(Combatant)+

Sea cucumbers
use Echinodermata

Sea floors
use Ocean bottom

Sea ice
BT Ice
NT Ice islands
Icebergs
Pack ice

Sea launched
BT Launching

Sea level
BT Altitude
Ground level

Sea mines
use Naval mines

Sea rescue equipment
RT Sea rescues
BT Rescue equipment
NT Crash rescue boats
Life preservers+
Lifeboats

Sea rescues
RT Sea rescue equipment
BT Rescues
NT Air sea rescues

Sea return
use Sea clutter

Sea states

Sea testing
BT Environmental tests+

Sea urchins
BT Echinodermata+

Sea walls
use Breakwaters

Sea water
RT Oceans
Sea water corrosion
BT Salt water+

Sea water batteries
BT Water activated batteries+

Sea water corrosion
RT Salt spray tests
Sea water
BT Corrosion+

Seabees
BT Battalion level organizations+
Military engineers+
Naval personnel+

Seafloor spreading
RT Midatlantic Ridge
BT Marine geophysics+
Oceanic crust+
Plate tectonics+

Seafood
Fish and shell fish suitable for human consumption. Excludes marine plants and plankton.
BT Food

Seakeeping
RT Seaworthiness
BT Navigation
Stationkeeping

Seal teams
(1-SEP-1990)
Groups of officers and individuals specially trained and equipped for conducting unconventional and paramilitary operations including surveillance and reconnaissance in and from restricted waters, rivers, and coastal areas.
RT Amphibious operations
BT Special operations forces+

Sealed systems
RT Sealing compounds
Waterproofing
NT Watertightness

Sealift operations
use Marine transportation

Sealing compounds
UF Caulking compounds
RT Sealed systems
Waterproofing

Seals(Mammals)
UF Phoca
Pinnipedia
Seals(Zoology)
BT Aquatic animals+
Carnivora+

Seals(Stoppers)
UF Packings(Seals)
RT Plugging
NT End seals
Fuel seals
Gas seals
Gaskets+
Glass seals
Heat sealing
Hermetic seals
Hydraulic seals
Labyrinth seals
Metal seals
O rings
Oil seals
Plastic seals

Seals(Stoppers) (cont.)
Pressure seals
Rotary seals
Rubber seals
Stuffing tubes
Vacuum seals

Seals(Zoology)
use Seals(Mammals)

Seam welding
BT Welding+

Seamounts
BT Mountains+
Ocean bottom topography+

Seaplane floats
RT Seaplanes
BT Floats
Landing gear+

Seaplane tenders
use all Seaplanes
Tenders(Vessels)

Seaplanes
UFC Seaplane tenders
RT Flying boats
Seaplane floats
BT Water based aircraft+
NT Jet seaplanes

Search and rescue
BT Rescues
Searching

Search radar
UF Surveillance radar
UFC Early warning radar
RT Radar scanning
BT Radar
NT Acquisition radar+
Ground penetrating radar
Side looking radar+

Search sonar
BT Sonar
NT Side looking sonar

Searching
NT Search and rescue

Searchlights
BT Lighting equipment+
NT Aircraft searchlights

Seas
use Oceans

Seasonal variations
BT Periodic variations+
Seasons

Seasonings
use Condiments

Seasons
NT Autumn
Seasonal variations
Spring season
Summer
Winter

Seats
RT Chairs
NT Aircraft seats+
Ejection seats
Spacecraft seats

Seaweed
use Algae

Seaworthiness
RT Seakeeping
BT Marine engineering+

Sebacic acid
BT Aliphatic acids+
Carboxylic acids+
Dibasic organic acids+

Second harmonic generation
(1-OCT-1992)
BT Frequency multipliers+

Second stage engines
BT Rocket engines+

Second strike capability
BT Strike warfare+

Second World War
(1-OCT-1997)
UF World War II
BT Conventional warfare+

Secondary

Secondary batteries
use Storage batteries

Secondary emission
RT Electron irradiation
BT Electron emission+

Secondary flow
UF Reverse flow
RT Vortices
BT Fluid flow+

Secondary injection
BT Injection
Thrust vector control systems+

Secondary waves
UF Shear waves
BT Elastic waves+
Transverse waves+

Second-order prediction
use Mathematical prediction

Secretion
UFC Cerumen
RT Body fluids
BT Physiology

Sectarian violence
(1-JUN-1997)
National conflicts based primarily on differences in race, religion, or ethnic origin.
UF Ethnic cleansing
BT Unconventional warfare+

Secular equations
use Equations

Secure communications
RT Classified materials
BT Telecommunications+
NT Cryptography+

Security
NT Area security+
Classified materials
Electronic security+
National security
Security personnel

Security classification guides
(1-JUN-1989)
Mandatory DOD security guidelines required for each system, program, plan or project involving classified information.
RT Classified materials
BT Military publications+

Security personnel
RT Protection
BT Personnel
Security

Sedation
RT Hypnotics and sedatives
BT Therapy+

Sedatives
use Hypnotics and sedatives

Sediment transport
RT Sediments
BT Transport

Sedimentary rock
RT Alluvium
Petrography
Sediments
BT Rock+
Sedimentology+
NT Anthracite
Clay+
Coal+

Sedimentary rock (cont.)
Gypsum
Limestone
Rock salt
Sandstone
Shale+

Sedimentation
BT Geomorphology+
Sedimentology+

Sedimentology
BT Geology+
NT Petrography
Sedimentary rock+
Sedimentation

Sediments
RT Alluvium
Deposits
Sediment transport
Sedimentary rock
Silt
Sludge
NT Suspended sediments

Seebeck effect
BT Thermoelectricity+
Transport properties+

Seeding
RT Seeds
NT Cloud seeding

Seeds
RT Seeding
NT Spores+

Seepage
RT Drainage
BT Fluid mechanics+

Segmented

Segmented rocket engines
BT Solid propellant rocket engines+

Segmented worms
use Annelida

Segregation(Metallurgy)
RT Purification
BT Metallurgy+

Segregation(Sociology)
RT Separation
BT Sociology+

Seismic arrays
RT Seismic detection
BT Arrays

Seismic data
RT Seismographs
BT Seismology+

Seismic detection
RT Seismic arrays
BT Acoustic detection+
NT Seismic discrimination

Seismic discrimination
(1-OCT-1992)
RT Seismic signatures
BT Seismic detection+

Seismic reflection
BT Reflection

Seismic signatures
RT Seismic discrimination
BT Seismic waves+
Signatures

Seismic velocity
(1-SEP-1990)
Rate of propagation of an elastic wave; depends on the type of wave and the elastic properties and density of the earth material thru which it travels.
BT Velocity+

Seismic waves
RT Seismology
BT Mechanical waves+
NT Earthquakes+
Microseisms
Primary waves(Seismic waves)
Seismic signatures

Seismographs
RT Seismic data
BT Recording systems
Seismometers+

Seismological stations
RT Seismology
Seismometers
BT Stations+

Seismology
RT Mohorovicic discontinuity
Seismic waves
Seismological stations
BT Earth sciences+
NT Earth movements+
Earthquakes+
Seismic data

Seismometers
RT Seismological stations
BT Measuring instruments+
NT Geophones
Seismographs

Selection
UF Choice
Screening(Selection)
RT Elections
Figure of merit

Selection (cont.)
NT Personnel selection
Site selection

Selection rules(Physics)
UF Allowed beta transitions
Electric dipole transitions
Electric multipole transitions
Forbidden transitions
BT Electron transitions+
Emission spectroscopy+

Selectors(Channels)
use Channel selectors

Selenides
BT Selenium compounds+
NT Cadmium selenides
Zinc selenides

Selenious acids
BT Inorganic acids+

Selenium
RT Selenium alloys
Selenium compounds
BT Nonmetals+

Selenium alloys
RT Selenium
Selenium compounds
BT Alloys

Selenium compounds
RT Selenium
Selenium alloys
BT Group VI compounds+
Nonmetallic compounds+
NT Selenides+

Self contained
RT Portable equipment
Self operation

Self destroying fuzes
BT Fuzes(Ordnance)+
Self destruct devices+

Self destruct devices
BT Self operation
NT Self destroying fuzes

Self lubrication
BT Lubrication

Self noise
BT Noise(Sound)+

Self operation
RT Self contained
NT Self destruct devices+
Self organizing systems
Self propelled+

Self organizing systems
RT Adaptive systems
Artificial intelligence
BT Self operation

Self propelled
BT Propulsion systems
Self operation
NT Self propelled guns

Self propelled guns
BT Artillery+
Combat vehicles+
Guns+
Self propelled+

Self sealing couplings
RT Self sealing fuel lines
Self sealing fuel tanks
BT Couplings+

Self sealing fuel lines
RT Self sealing couplings
Self sealing fuel tanks
BT Fuel lines+

Self sealing fuel tanks
RT Self sealing couplings
Self sealing fuel lines
BT Fuel tanks+

Self supporting structures
BT Structures

Self treatment
BT Therapy+

Self-adaptive control systems
use Adaptive control systems

Self-ignition
use Autoignition

Self-locking fasteners
use Locking fastener devices

Self-locking nuts
use all Locking fastener devices
Nuts(Fastenings)

Selvage
RT Fabrics
BT Edges

Semantemes
use Semantics

Semantics
UF Semantemes
RT Words(Language)
BT Grammars+
NT Analogies
Morphemes

Semiactive guidance
RT Homing
BT Guidance
Semiactive systems

Semiactive systems
NT Semiactive guidance

Semiautomatic
RT Semiautomatic weapons
BT Automatic

Semiautomatic weapons
RT Semiautomatic
BT Small arms+

Semicircular canals
BT Ear+

Semiconducting films
BT Films
Semiconductors+
NT Silicon on insulator+

Semiconductor devices
RT Semiconductors
BT Electronic equipment
Solid state electronics+
NT Charge coupled devices
Integrated circuits+
Neuristors
Photoelectric cells(Semiconductor)+
Schottky barrier devices
Semiconductor diodes+
Semiconductor junctions+
Semiconductor lasers+
Silicon controlled rectifiers
Thermistors
Thyristors
Transistor amplifiers
Transistors+
Varistors

Semiconductor diodes
BT Diodes+
Semiconductor devices+
NT Avalanche diodes+
Crystal mixers
Gunn diodes
Injection diodes
Junction diodes
Light emitting diodes
Photodiodes
Pin diodes
Trapatt devices
Tunnel diodes
Varactor diodes

Semiconductor junctions
BT Junctions
Semiconductor devices+
NT Heterojunctions
Josephson junctions

Semiconductor lasers
BT Semiconductor devices+
Solid state lasers+
NT Diode lasers
Gallium arsenide lasers

Semiconductors
RT Semiconductor devices
BT Solid state electronics+
NT Bulk semiconductors
Charge carriers+
Electron acceptors
Electron donors
Metal oxide semiconductors+
N type semiconductors
Narrow gap semiconductors
P type semiconductors
Semiconducting films+
Wide gap semiconductors

Semimarkov processes
BT Markov processes+

Seminars
use Symposia

Semipermeability
BT Permeability+

Semiportable equipment
BT Portable equipment+

Semirigid
BT Rigidity+

Semiskilled personnel
BT Personnel

Semisubmerged
BT Underwater+

Semitrailers
RT Trucks
BT Trailers+

Semitransparence
BT Transparence+

Semliki forest virus
use Semliki virus

Semliki virus
UF Semliki forest virus
BT Group A arboviruses+

Senate
BT Congress+

Sendai virus
BT Myxoviruses+

Senescence
use Aging(Physiology)

Sense organs
UF Osmoreceptors
RT Receptor sites(Physiology)
Senses(Physiology)
BT Organs(Anatomy)+
NT Ear+
End organs+
Eye+
Tongue

Senses(Physiology)
UF Intersensory perception
RT Sense organs
BT Physiology
NT Hearing+
Pain
Proprioception
Smell
Taste+
Touch
Vision+

Sensitivity
RT Sensitizing
Sensitometers
NT High sensitivity
Hypersensitivity
Notch sensitivity
Photosensitivity+

Sensitizing
RT Sensitivity
Sensitometers
NT Desensitizing

Sensitometers
RT Sensitivity
Sensitizing
BT Measuring instruments+

Sensor fusion
(1-APR-00)
RT Automata
Neural nets
BT Image processing+
Robotics

Sensors
use Detectors

Sensory deprivation
UF Isolation(Perceptual)
RT Perception
BT Deprivation+
Stress(Psychology)+

Separation
RT Isolation
Segregation(Sociology)
Separators
NT Chemical precipitation+
Clarification
Color separation
Degasification+
Deionization

Separation (cont.)
Delamination
Demineralization+
Desalination
Desorption
Dewatering+
Dialysis+
Discontinuities
Dispersing
Distillation+
Electrostatic precipitation
Elution
Exfoliation
External store separation
Extraction+
Filtration+
Flotation
Ion exchange
Isotope separation+
Material separation
Military separation
Solvent extraction
Sorting
Thermal diffusion+
Zone melting

Separators
RT Absorbers(Materials)
Filters
Separation
Spacers
Traps
NT Clarifiers
Cyclone separators
Dehumidifiers
Demineralizers+
Drying apparatus+
Hydrocyclones

Sepsis
(1-SEP-1990)
The presence in the blood or other tissues of pathogenic microorganisms or their toxins; the condition associated with such a presence.
RT Septicemia
BT Infectious diseases+

Septic tanks
RT Sewage disposal
BT Sanitary engineering+

Septicemia
RT Sepsis
BT Blood diseases+

Sequence switches
RT Circuit breakers
BT Electric switches+

Sequences
RT Sequential photography
BT Mathematics
NT Sequences(Mathematics)+

Sequences(Mathematics)
RT Sequential analysis
BT Mathematical analysis+
Sequences+
NT Pseudo random sequences
Series(Mathematics)+

Sequential analysis
UF Sequential determination
RT Sequences(Mathematics)
BT Statistical analysis+

Sequential determination
use Sequential analysis

Sequential photography
RT Sequences
BT Photography

Serbia
(1-OCT-1994)
RT Serbocroatian language
BT Yugoslavia+

Serbocroatian language
(1-OCT-1995)
RT Croatia
Serbia
BT Foreign languages+

Serial processors
BT Central processing units+

Series(Mathematics)
UF Airy series
Arithmetic progressions
Cauchy points
Cauchy product
Cesaro transform
Eisenstein series
Jacobi series
Lambert series
Lotosky methods
Norlund methods
Norlune means
Riesz transform
Series expansions
Tauberian series
Tauberian theorem
UFC Laurent series
BT Sequences(Mathematics)+
NT Asymptotic series
Fourier series
Infinite series
Power series+

Series expansions
use Series(Mathematics)

Serine
RT Cholines
BT Amino acids+
Enzyme inhibitors+

Serodiagnosis
UF Complement fixation tests
RT Serum proteins
BT Diagnosis(Medicine)+
Serology+

Serology
BT Medicine+
NT Serodiagnosis

Serotonin
RT Sympatholytic agents
BT Indoles+

Serpentine(Alkaloid)
use Rauwolfia alkaloids

Serratia
BT Enterobacteriaceae+
NT Serratia marcescens

Serratia marcescens
BT Serratia+

Serum albumin
BT Albumins+
Blood proteins+

Serum anylase
use Glycoside hydrolases

Serum globulin
BT Globulins+
NT Alpha globulin
Gamma globulin

Serum hepatitis
BT Hepatitis+

Serum proteins
RT Serodiagnosis
BT Proteins

Serum triglycerides
BT Glycerides+

Servoamplifiers
UF Control amplifiers
BT Amplifiers
Servomechanisms

Servomechanisms
NT Hydraulic servomechanisms
Pneumatic servomechanisms
Servoamplifiers
Servomotors+
Servovalves

Servomotors
BT Servomechanisms
NT Synchros

Servovalves
BT Servomechanisms
Valves

Set theory
UF Subsets(Mathematics)
RT Boolean algebra
BT Mathematics
Theory
NT Convex sets
Fuzzy sets+

Setback(Fuzes)
RT Time fuzes
BT Fuze functioning elements+

Setting(Adjusting)
RT Timing devices

Sewage
RT Liquid wastes
BT Wastes(Sanitary engineering)+

Sewage disposal
RT Activated sludge process
Septic tanks
Sewers
BT Waste disposal+

Sewage treatment
BT Waste treatment+
NT Shipboard sewage treatment systems

Sewers
(1-MAY-1983)
A sewage system for carrying water or sewage to a disposal area.
RT Sewage disposal

Sex
RT Gender discrimination
Homosexuality
Sex glands
BT Physiology
NT Females
Males

Sex glands
UF Gonads
RT Sex
Sex hormones
BT Glands+
Reproductive system+
NT Ovaries+
Prostate gland
Testes

Sex hormones
RT Sex glands
BT Hormones+
NT Androgens
Estrogens+
Progesterone
Testosterone

Sextants
RT Theodolites
BT Measuring instruments+
Navigational aids+
NT Periscopic sextants

Sexual harassment
(1-SEP-1981)
Deliberate or repeated unsolicited verbal comments, gestures or physical contact of a sexual nature which are unwelcome.
RT Verbal behavior

Sferics
use Atmospherics

Shadow mask tubes
RT Color television tubes
BT Electron tubes+

Shadows
RT Optical images
NT Silhouettes

Shaft couplings
RT Shafts(Machine elements)
BT Couplings+

Shafts(Machine elements)
RT Shaft couplings
Spindles
NT Axle shafts
Crankshafts
Drive shafts
Flexible shafts

Shaking
RT Earthquakes
Shifting
Shivering
BT Motion

Shale
BT Sedimentary rock+
NT Oil shales

Shale oil
(1-OCT-1991)
Liquid obtained from the destructive distillation of kerogens in oil shale.
RT Oil shales
BT Crude oil+

Shallow depth
RT Shallow water
BT Depth

Shallow water
RT Shallow depth
BT Water+

Shannon-Wiener measure
use Measure theory

Shape
BT Configurations
NT Circular
Contours
Curvature
Eccentricity
Elongation
Planform
Streamline shape
Taper

Shape memory alloys
(1-OCT-1996)
An alloy which will recover to its fabricated shape, having first been deformed, and then undergoing a recovery treatment.
BT Alloys

Shaped charge jets
BT Shaped charges+

Shaped charge liners
use all Cavity liners
Shaped charges

Shaped charge warheads
BT Shaped charges+
Warheads+

Shaped charges
UF Cavity charge containers
Cavity charges
Hollow charges
Munroe charges
UFC HEAT projectiles
Shaped charge liners
RT Spallation
BT Explosive charges+
NT Shaped charge jets
Shaped charge warheads

Sharing
NT Time sharing

Sharks
BT Chondrichthyes+

Sharp bodies
RT Sharpness
Slender bodies
BT Bodies

Sharpeners
RT Sharpness
BT Tools

Sharpness
RT Sharp bodies
Sharpeners

Shattering
use Fragmentation

Shear flow
(1-OCT-1993)
BT Viscous flow+

Shear modulus
(1-SEP-1990)
A measure of a material's resistance to shearing stress, equal to the shearing stress divided by the resultant angle of deformation expressed in radians. Also known as coefficient of rigidity; modulus of rigidity; modulus of elasticity in shear.
UF Coefficient of rigidity
Modulus of elasticity in shear
Modulus of rigidity
RT Shear stresses
BT Modulus of elasticity+
Shear properties+

Shear pins
(1-SEP-1990)
Pins, wires or similar components designed to hold parts in place until shearing or failure occurs due to predetermined forces.
BT Pins+

Shear properties
BT Mechanical properties+
NT Bearing strength
Modulus of elasticity+
Shear modulus
Shear strength
Wind shear

Shear strength
BT Shear properties+
Strength(Mechanics)+

Shear stresses
UF Reynolds stresses
RT Shear modulus
Shear tests
BT Stresses+

Shear tests
RT Shear stresses
BT Test methods+

Shear waves
use Secondary waves

Sheaths(Anatomy)
BT Anatomy+

Sheaves(Drives)
RT Hoists
BT Drives

Sheep
BT Livestock+
Mammals+

Sheet explosives
BT Explosives

Sheet metal
(1-SEP-1990)
Thin sections of metal formed by rolling hot metal less than 0.25 inch thick. For thicker than 0.25 inch use Metal plates.
RT Metals
BT Sheets

Sheet metal brakes
use Metal forming brakes

Sheets
NT Sheet metal
Webs(Sheets)

Shelf life
BT Life expectancy(Service life)+

Shellfish
BT Aquatic animals+
Invertebrates+
NT Crustacea+
Pelecypoda+

Shells(Structural forms)
RT Membranes
BT Structural components+
NT Domes(Structural forms)+
Elastic shells
Hemispherical shells
Monocoques

Shelter rations
BT Rations+

Shelters
Something beneath, behind or within which a person, animal, or thing is protected, as from weapons or natural phenomena.
BT Protective equipment+
Structures
NT Blast resistant shelters
Fallout shelters
Greenhouses
Hangars
Housing(Dwellings)+
Portable shelters
Tents

Shielding
RT Baffles
Deflectors
NT Heat shields
Radiation shielding+

Shift registers
RT Delay lines
Switching circuits
BT Memory devices+
Registers(Circuits)+
NT Digital combiners

Shifting
RT Shaking
BT Motion

Shifting equilibrium flow
RT Frozen equilibrium flow
BT Gas flow+

Shigella
RT Shigellosis
BT Enterobacteriaceae+
NT Shigella boydii
Shigella dysenteriae
Shigella flexneri
Shigella paradysenteriae
Shigella sonnei

Shigella boydii
BT Shigella+

Shigella dysenteriae
BT Shigella+

Shigella flexneri
BT Shigella+

Shigella paradysenteriae
BT Shigella+

Shigella sonnei
BT Shigella+

Shigellosis
RT Shigella
BT Dysentery+

Ship anchors
use Anchors(Marine)

Ship antennas
BT Antennas
NT Submarine antennas

Ship auxiliary equipment
BT Ships
NT Deck safety equipment+
Draft indicators(Nautical)
Life rafts
Lifeboats
Marine safety equipment+
Ship telephone systems

Ship bows
BT Ship hulls+

Ship bridges
BT Ship structural components+

Ship convoys

Ship decks
UF Decks
BT Floors
Ship structural components+
NT Flight decks
Hangar decks

Ship defense systems
RT Harbor defense systems
BT Defense systems

Ship design
use Naval architecture

Ship fires
BT Fires

Ship hulls
BT Hulls(Marine)+
Ship structural components+
NT Bilges
Ship bows
Ship sterns

Ship keels
BT Ship structural components+
NT Bilge keels

Ship launched
BT Launching
NT Submarine launched

Ship masts
BT Masts+
Ship structural components+

Ship models
RT Shipbuilding
BT Models
NT Submarine models

Ship motion
BT Motion

Ship noise
BT Noise(Sound)+

Ship personnel
BT Personnel
NT Submarine personnel

Ship plates
BT Metal plates+
Ship structural components+

Ship propellers
use Marine propellers

Ship rudders
use Marine rudders

Ship signatures
BT Signatures
NT Submarine signatures

Ship sterns
BT Ship hulls+

Ship structural components
RT Watertight doors
BT Structural components+
NT Hatches
Marine rudders
Ship bridges
Ship decks+
Ship hulls+
Ship keels+
Ship masts
Ship plates
Stern tubes(Propulsion)

Ship telephone systems
BT Ship auxiliary equipment+
Telephone systems+

Ship to air

Ship to ship

Ship to shore

Ship turbines
BT Turbines+

Shipboard
BT Onboard

Shipboard sewage treatment systems
BT Sewage treatment+

Shipbuilding
RT Drydocks
Ship models
Shipyards
BT Marine engineering+

Shipping
RT Water traffic
BT Marine transportation+
NT Containerized shipping

Shipping containers
RT Containerized shipping
BT Containers

Ships
RT Boats
NT Advanced range instrumentation ships
Air capable ships
Cargo ships+
Coast Guard ships+
Fleets(Ships)
Hybrid marine vehicles
Icebreakers

Ships (cont.)
Lightships
Merchant vessels
Naval vessels+
Nuclear powered ships+
Research ships+
Ship auxiliary equipment+
Small ships
Sunken ships
Surface effect ships
System test vessels

Shipworms
BT Marine borers+
Worms+

Shipyards
RT Shipbuilding

Shirts
BT Clothing

Shivering
RT Shaking
BT Physiology

Shock
NT Bow shock
Shock(Mechanics)+
Shock(Pathology)+
Shock resistance
Shock tests
Shock waves+
Thermal shock

Shock(Mechanics)
Transient motion in mechanical systems characterized by suddenness and by significant relative displacements. For studies of the effects of these displacements, their transmission, propagation, etc., see Shock waves.
RT Shock absorbers
Snubbers
BT Mechanics
Shock
NT Ground shock
Impact shock+

Shock(Pathology)
UF Surgical shock
UFC Anaphylactic shock
BT Pathology+
Shock
NT Endotoxic shock
Hemorrhagic shock
Shock therapy
Traumatic shock

Shock absorbers
RT Shock(Mechanics)
Shock mitigation
BT Energy absorbers+

Shock mitigation
RT Shock absorbers
Shock resistance

Shock resistance
RT Shock mitigation
BT Resistance
Shock

Shock spectra
RT Vibrational spectra
BT Spectra+

Shock tests
RT Drop tests
Impact tests
BT Dynamic tests+
Shock

Shock therapy
UF Electroshock therapy
BT Shock(Pathology)+
Therapy+

Shock trauma centers
(1-APR-1998)
BT Casualty centers+

Shock tubes
BT Blast tubes+
Test equipment
Tubes
NT Shock tunnels

Shock tunnels
RT Wind tunnels
BT Shock tubes+
Test facilities+

Shock waves
UF Compression shock
RT Acoustic waves
BT Elastic waves+
Shock
NT Sonic boom

Shoes
RT Socks
BT Footwear+
NT Snowshoes

Shops(Work areas)
NT Repair shops

SHORAN
BT Hyperbolic navigation+
Position finding+

Shore protection
(1-JUN-1989)
Erosion prevention of the land bordering a body of water.
RT Erosion resistance
Shores

Shorebirds
BT Birds+
NT Gulls

Shores
RT Shore protection
BT Coastal regions+
NT Beaches
Inshore areas
Offshore

Short circuits
BT Circuits+

Short pulses
RT Short range(Time)
BT Pulses

Short range(Distance)
BT Range(Distance)

Short range(Time)
RT Short pulses
BT Time
NT Microsecond time

Short takeoff aircraft
UF STOL
RT Jatos
Rotary wing aircraft
BT Aircraft
NT Tilt wing aircraft
Vertical takeoff aircraft+

Short wavelengths
(1-DEC-1984)
Applied to wavelengths shorter than 200m corresponding to frequencies higher than the highest broadcast frequency.
RT Long wavelengths

Shortages
BT Logistics management+

Shot noise
BT Electromagnetic interference+

Shot peening
RT Cold working
BT Surface finishing+

Shotcrete
BT Concrete+

Shotguns
BT Small arms+

Shoulder launched weapons
BT Tactical weapons+

Shoulders(Anatomy)
BT Anatomy+
Joints(Anatomy)+

Shoulders(Pavements)
BT Pavements

Shovels
BT Tools

Shower facilities
BT Facilities
Hygiene

Shrapnel
use Ammunition fragments

Shredding
RT Composts
BT Comminution

Shrimp
BT Crustacea+

Shrinkage
RT Contraction
BT Reduction

Shroud rings
UF Shrouds(Annular)
RT Shrouded propellers

Shrouded propellers
UF Ducted propellers
RT Ducted fans
Ring wings
Shroud rings
BT Propellers

Shrouds(Annular)
use Shroud rings

Shrouds(Balloon)
use all Balloon equipment
Cordage

Shrubs
BT Plants(Botany)+

Shunts
NT Electric shunts

Shutdowns
BT Deactivation
NT Reactor shutdown

Shutters(Camera)
use Camera shutters

Shutters(Optics)
BT Photographic equipment+
NT Camera shutters
Kerr cells

Shwartzman phenomenon
use Antigen antibody reactions

Sialic acids
RT Amino acids
BT Mucopolysaccharides+

Siberia
BT Northeast Asia+
Russia+
NT Kamchatka Peninsula

Sicily
BT Italy+
Mediterranean Sea Islands+

Sickle cell anemia
RT Sickle cells
BT Anemias+

Sickle cells
RT Sickle cell anemia
BT Erythrocytes+

Side looking detectors
BT Detectors
NT Side looking radar+
Side looking sonar

Side looking radar
BT Search radar+
Side looking detectors+
NT Synthetic aperture radar

Side looking sonar
BT Search sonar+
Side looking detectors+

Side reactions
RT Pharmacokinetics
BT Chemical reactions+

Sidebands
RT Single sideband communications
BT Frequency bands+

Sidelobes
BT Antenna lobes+

Sides
RT Edges

Sideslip
RT Yaw
BT Flight maneuvers+

Sight
use Vision

Sights
BT Fire control system components+
NT Bombsights
Boresighting
Gun sights+
Night sights
Rocket sights

Sigma hyperons
UF Hyperons(Sigma)
BT Hyperons+

Sigmoid colon
use Intestines

Signal generation
BT Signal generators+

Signal generators
BT Test equipment
Waveform generators+
NT Frequency synthesizers
Noise generators
Pulse generators
Signal generation
Sweep generators+

Signal lights
UF Lights(Signals)
RT Flash lamps
Flashlights
BT Signals
NT Identification lights
Navigational lights+

Signal processing
BT Processing

Signal to noise ratio
BT Ratios

Signals
General concepts regarding the conveyance or transmission of information, whether by visible audible, electronic, or other means.
NT Acoustic signals+
Analog signals
Beat signals
Distress signals
False signals+
Fog signals
Radar signals+
Radio signals
Signal lights+
Telegraph signals
Telephone signals
Time signals
Video signals
Visual signals+

Signature reduction
(1-JAN-1999)
Signature reduction beyond that of stealth technology.
RT Target signatures
BT Countermeasures+
NT Stealth technology

Signatures
NT Acoustic signatures
Aircraft signatures

Signatures (cont.)
Magnetic signatures
Optical signatures+
Pressure signatures
Radar signatures+
Seismic signatures
Ship signatures+
Spectrum signatures
Target signatures+

Signs and symptoms
UF Symptoms
Syndromes
RT Malabsorption syndromes
BT Diagnosis(Medicine)+
NT Bacteremia
Diarrhea
Headaches
Inflammation+
Splenomegaly
Vertigo

Silanes
BT Hydrides+
Silicon compounds+
NT Chlorosilanes+
Polysilanes

Silastic compounds
BT Silicone plastics+

Silencers(Ordnance)
(1-OCT-1993)
RT Noise reduction
Suppressors
BT Gun components+
Mufflers+

Silhouettes
RT Profiles
BT Shadows

Silica gels
RT Silicon dioxide
BT Gels

Silica glass
RT Silicon dioxide
BT Glass+

Silicates
RT Garnet
Silicon dioxide
BT Silicon compounds+
NT Aluminosilicates
Fayalite
Sodium silicates
Zeolites

Silicic acids
BT Inorganic acids+

Silicides
BT Silicon compounds+
NT Vanadium silicides

Silicon
RT Silicon alloys
Silicon compounds
BT Metalloids+

Silicon alloys
RT Silicon
Silicon compounds
BT Metalloid alloys+

Silicon carbides
BT Carbides+
Silicon compounds+

Silicon coatings
BT Coatings

Silicon compounds
RT Silicon
Silicon alloys
BT Group IV compounds+
Nonmetallic compounds+
NT Polysilicons
Silanes+
Silicates+
Silicides+
Silicon carbides
Silicon dioxide+
Silicon nitrides
Silicones
Siloxanes

Silicon controlled rectifiers
UF SCR(Rectifiers)
RT Thyratrons
BT Rectifiers+
Semiconductor devices+

Silicon dioxide
RT Silica gels
Silica glass
Silicates
BT Dioxides+
Silicon compounds+
NT Fused silica
Quartz

Silicon nitrides
BT Nitrides+
Silicon compounds+

Silicon on insulator
(1-OCT-1995)
BT Semiconducting films+
NT Silicon on sapphire

Silicon on sapphire
(1-OCT-1995)
BT Silicon on insulator+

Silicone plastics
UF Silicone polymers
Silicone resins
RT Silicones
BT Thermosetting plastics+

Silicone plastics (cont.)
NT Silastic compounds

Silicone polymers
use Silicone plastics

Silicone resins
use Silicone plastics

Silicones
RT Silicone plastics
BT Silicon compounds+

Silk
BT Fibers
Organic materials+

Silkworms
use Lepidoptera

Siloxanes
BT Silicon compounds+

Silt
RT Sediments
BT Soils

Silver
RT Silver alloys
Silver compounds
BT Precious metals+

Silver alloys
UFC Silver electrodes
RT Silver
Silver compounds
BT Alloys
NT Silver solders

Silver chloride
BT Chlorides+
Silver halides+

Silver compounds
RT Silver
Silver alloys
BT Group I compounds+
NT Silver halides+
Silver oxides

Silver electrodes
use all Electrodes
Silver alloys

Silver halides
BT Halides+
Silver compounds+
NT Silver chloride
Silver iodide

Silver iodide
BT Iodides+
Silver halides+

Silver oxides
BT Oxides+
Silver compounds+

Silver solders
BT Silver alloys+
Soldering alloys+

Silver zinc batteries
BT Storage batteries+

Silviculture
(1-DEC-1984)
The theory and practice of controlling the establishment, composition, and growth of stands of trees for any of the goods and benefits that they may be called upon to produce.
RT Trees
BT Forestry+

Simple cubic lattices
BT Crystal lattices+

Simple proteins
use Proteins(Simple)

Simplex method
BT Linear programming+

Simplification
BT Value engineering+

Simulation
RT War games
NT Flight simulation
Mathematical models+
Nuclear explosion simulation
Simulators+

Simulation languages
BT Programming languages+

Simulators
RT Test facilities
BT Simulation
NT Antenna simulators
Control simulators
Electromagnetic pulse simulators
Flight simulators
Flutter simulators
Guided missile simulators
Radar target position simulators+
Space simulation chambers
Submarine simulators

Simultaneous equations
BT Equations+

Sinai
BT Egypt+
Southwest Asia+

Sindbis virus
BT Group A arboviruses+

Sine waves
BT Waves

Singapore
BT Islands+
Southeast Asia+

Single crystals
UF Monocrystals
BT Crystals+

Single sideband communications
RT Sidebands
BT Communication and radio systems

Sinking

Sintering
RT Powder metallurgy
Sintering furnaces
NT Activated sintering
Resintering

Sintering furnaces
RT Sintering
BT Furnaces+

Sinuses(Paranasal)
use Paranasal sinuses

Siphonaptera
UF Fleas
BT Insects+
NT Pulex+

Site investigations
(1-OCT-1993)
That part of the close examination or systematic inquiry of an event or structure which takes place at the location of the event or structure.
RT Criminal investigations
BT Problem solving+

Site selection
RT Sites
BT Selection

Sites
UF Tracts
RT Site selection
NT Historic sites
Launching sites

Situational awareness
(1-APR-1998)
BT Awareness+
Strategy

Situs inversus(Viscera)
use Anomalies

Sizes(Dimensions)
BT Physical properties
NT Diameters
Grain size
Height
Length
Particle size+
Radius(Measure)
Thickness
Width

Skagerrak
BT Straits+

Skeletal muscle relaxants
UF Neuromuscular blocking agents
BT Muscle relaxants+
NT Diazepam

Skeleton
BT Musculoskeletal system+
NT Bones+
Exoskeleton
Spinal column
Teeth+

Skewness
RT Asymmetry
BT Attitude(Inclination)+

Skidding
RT Skids

Skids
RT Skidding
NT Bomb skids

Skiing
RT Skis
BT Locomotion

Skills
RT Proficiency
BT Learning+

Skin(Anatomy)
RT Albinism
Dermatitis
Dermatology
BT Integumentary system+
Skin(General)
NT Epidermis
Epithelium
Skin grafts

Skin(General)
NT Skin(Anatomy)+
Skin(Structural)

Skin(Structural)
BT Skin(General)
Structural components+

Skin diseases
RT Inflammation
BT Integumentary diseases+
NT Dermatitis+
Erythema
Impetigo
Lupus erythematosus
Pyoderma

Skin friction
BT Friction

Skin grafts
BT Skin(Anatomy)+
Surgical transplantation+

Skin tests
RT Allergens
BT Test methods+

Skip bombing
BT Bombing+

Skip spin radar
BT Radar

Skip-glide vehicles
use Boost glide vehicles

Skirted projectiles
use Deformable projectiles

Skirts

Skis
RT Skiing
NT Hydroskis

Skull
BT Bones+
Head(Anatomy)+

Sky
BT Earth atmosphere+
NT Night sky
Sky brightness

Sky brightness
BT Brightness+
Sky+

Sky waves
BT Radio waves+

Slabs(Structural)
(1-OCT-1994)
BT Bases(Structures)+

Slags
RT Aggregates(Materials)
BT Wastes(Industrial)+

Slamming
BT Fluid dynamics+

Slant range
RT Slope
BT Range(Distance)

Sled tests
(1-DEC-1984)
RT Rocket sleds
BT Test methods+

Sleds
BT Ground vehicles+
NT Rocket sleds

Sleep
RT Hibernation
Hypnosis
Insomnia
BT Physiology
Rest+
NT Dreams
Rapid eye movement in sleep

Sleep deprivation
BT Deprivation+
NT Insomnia

Sleeping bags
BT Bedding

Sleeve bearings
use Journal bearings

Sleeve valves
RT Sleeves
BT Valves

Sleeves
RT Sleeve valves

Sleighs(Ordnance)
use Recoil mechanisms

Slender bodies
RT Sharp bodies
BT Bodies
Geometric forms
NT Fineness ratio

Slewing
RT Yaw
BT Motion

Slick markers
use Markers

Slide projectors
use Still projectors

Sliding
RT Sliding contacts

Sliding contacts
UF Moving contacts
RT Sliding
Sliding friction

Sliding friction
RT Sliding contacts
BT Friction

Slime
RT Sludge

Slings
BT Fastenings

Slip casting
BT Casting+

Slip flow
BT Gas flow+

Slip rings
BT Rings+

Slipstream
RT Turbulence

Slope
RT Slant range
BT Orientation(Direction)
NT Slope stability

Slope stability
(1-OCT-1992)
The resistance of an inclined surface to failure by sliding or collapsing.
BT Slope+
Stability

Sloshing
UFC Propellant sloshing

Slot antennas
UF Flush-mounted antennas
RT Slot lines
BT Directional antennas+
Microwave antennas+

Slot lines
RT Slot antennas
BT Slots+

Slots
BT Holes(Openings)+
NT Aerodynamic slots+
Slot lines
Waveguide slots

Slotted flaps
BT Flaps(Control surfaces)+

Slovakia
(1-OCT-1994)
BT Czechoslovakia+

Slovenia
(1-OCT-1994)
BT Yugoslavia+

Slow neutrons
use Thermal neutrons

Slow scan television
BT Television systems+

Slow wave circuits
BT Circuits+

Sludge
RT Deposits
Sediments
Slime
BT Solid wastes+
NT Activated sludge process

Slurries
RT Emulsions
NT Slurry coating
Slurry explosives
Slurry fuels

Slurry coating
BT Coatings
Slurries

Slurry explosives
BT Explosives
Slurries

Slurry fuels
BT Fuels
Slurries

Small arms
RT Small arms ammunition
BT Guns+
NT Pistols
Rifles+
Semiautomatic weapons
Shotguns
Spotting rifles
Submachine guns

Small arms ammunition
UF Bullets
UFC Small arms ammunition boxes
RT Small arms
BT Ammunition+

Small arms ammunition boxes
use all Ammunition containers
Small arms ammunition

Small intestine
BT Intestines+
NT Duodenum
Ileum
Jejunum

Small ships
BT Ships

Small tools
BT Tools
NT Applicators+
Broaches
Clamps+
Crimping tools
Grease guns
Hammers+
Hand cranks
Knives+
Paint applicators
Pliers+
Plungers
Screwdrivers
Splicing tools
Taps
Torches
Wrenches+

Smallpox virus
use Variola virus

Smart technology
(1-APR-1998)
Materials, systems, etc. which can adapt to their environment to increase the probability of a desired result.
RT Adaptive control systems
NT Smart weapons

Smart weapons
(1-OCT-1991)
BT Guided weapons+
Smart technology

Smell
UFC Olfactory thresholds
RT Chemoreceptors
Nose(Anatomy)
Olfactory nerve
BT Senses(Physiology)+

Smelting
BT Reduction(Chemistry)+

Smirnov moments
use Statistical analysis

Smirnov statistics
use Statistical analysis

Smog
RT Fog
Smoke
BT Air pollution+
Dispersions

Smoke
RT Smog
Smoke generators
Smoke munitions
Smoke screens
BT Dispersions
NT Colored smokes
Smoke (cont.)
Gun smoke
Propellant smoke

Smoke abatement
BT Optical countermeasures+

Smoke bombs
BT Bombs+
Smoke munitions+

Smoke candles
use Smoke generators

Smoke floats
use all Floats
Smoke generators

Smoke generators
Devices that produce smoke for screening or signaling. For similar devices that are delivered by means of special ordnance items such as grenades, bombs, projectiles, etc., see Smoke munitions.
UF Smoke candles
Smoke pots
Smoke tanks
UFC Smoke floats
RT Smoke
Smoke screens
BT Aerosol generators+

Smoke grenades
use all Grenades
Smoke munitions

Smoke munitions
UFC Smoke grenades
Smoke rockets
Smoke warheads
RT Smoke
Smoke screens
BT Ordnance
Pyrotechnics
NT Smoke bombs
Smoke projectiles

Smoke pots
use Smoke generators

Smoke projectiles
BT Projectiles+
Smoke munitions+

Smoke rockets
use all Rockets
Smoke munitions

Smoke screens
RT Smoke
Smoke generators
Smoke munitions
BT Optical countermeasures+

Smoke stacks
NT Chimneys

Smoke tanks
use Smoke generators

Smoke warheads
use all Smoke munitions
Warheads

Smokeless propellants
UF Colloidal propellants
Cordite
BT Propellants
NT Ballistite

Smoking(Tobacco)
use Tobacco smoking

Smoothing(Mathematics)
(1-OCT-1995)
RT Numerical analysis
BT Approximation(Mathematics)+

Smoothing data
use Numerical analysis

Smuggling
BT Covert operations
NT Drug smuggling

Smuts(Fungi)
BT Basidiomycetes+

Snails
BT Gastropoda+

Snake bites
use all Bites and stings
Snakes

Snakes
UFC Snake bites
BT Reptiles+
NT Cobras
Rattlesnakes
Vipers

SNAP technology
(1-OCT-1994)
Systems for Nuclear Auxiliary Power.
BT Nuclear engineering+

Snells law
BT Refractive index+

Snipers
RT Sniperscopes
BT Military personnel+

Sniperscopes
UF Snooperscopes
RT Snipers
BT Gun sights+
Sniperscopes (cont.)
Infrared equipment+
Infrared optical systems+

Snooperscopes
use Sniperscopes

Snorkels
BT Breathing apparatus+
Underwater equipment

Snow
RT Snow removal
Snowshoes
BT Hydrometeors+
NT Snow cover
Snowdrifts
Snowfields

Snow cover
BT Snow+

Snow removal
RT Snow
BT Removal

Snow slides
use Avalanches

Snow vehicles
BT Ground vehicles+

Snowdrifts
BT Snow+

Snowfields
BT Snow+

Snowshoes
RT Snow
BT Footwear+
Shoes+

Snubbers
RT Shock(Mechanics)

Soaps
RT Stearates
BT Cleaning compounds
NT Aluminum soaps+

Social communication
BT Human relations+

Social deprivation
RT Social welfare
BT Deprivation+

Social psychology
RT Sociometrics
BT Psychology+
NT Group dynamics+
Human relations+

Social sciences
NT Anthropology+
Archeology+
Behavioral sciences+
Culture+
Education+
History+
Information sciences+
Political science+
Recreation+
Sociology+

Social security
RT Retirement(Personnel)
BT Social welfare+

Social welfare
RT Food stamps
Social deprivation
Socialism
BT Sociology+
NT Social security

Socialism
RT Social welfare
BT Political science+

Societies
RT Sociology
BT Organizations

Sociology
RT Societies
BT Social sciences
NT Criminology+
Ethnic groups+
Families(Human)+
Population+
Public relations
Residential section
Segregation(Sociology)
Social welfare+
Sociometrics+

Sociometrics
RT Social psychology
BT Sociology+
NT Public opinion

Socks
RT Shoes
BT Footwear+

Sodium
RT Sodium alloys
Sodium compounds
BT Alkali metals+
NT Sulfobromophthalein sodium

Sodium alloys
RT Sodium
Sodium compounds
BT Alkali metal alloys+

Sodium azides
RT Detonators
BT Azides+
Sodium compounds+

Sodium borohydrides
BT Borohydrides+
Sodium compounds+

Sodium carbonates
BT Carbonates+
Sodium compounds+

Sodium cephalothin
BT Antibiotics+

Sodium chloride
RT Rock salt
BT Chlorides+
Salts+
Sodium compounds+

Sodium colistimethate
BT Antibiotics+

Sodium compounds
UFC Borax
RT Sodium
Sodium alloys
BT Alkali metal compounds+
NT Sodium azides
Sodium borohydrides
Sodium carbonates
Sodium chloride
Sodium hydroxide
Sodium nitrates
Sodium palmitate
Sodium silicates

Sodium graphite reactors
Sodium-cooled, graphite-moderated reactors.
BT Graphite moderated reactors+
Heterogeneous reactors+
Liquid metal cooled reactors+

Sodium hydroxide
BT Hydroxides+
Sodium compounds+

Sodium nitrates
BT Nitrates+
Sodium compounds+

Sodium nitrite
BT Nitrites+

Sodium palmitate
BT Sodium compounds+

Sodium silicates
BT Silicates+
Sodium compounds+

Sodium sulfates
BT Sulfates+

Soft landings
BT Landing

Soft tissues
BT Tissues(Biology)

Soft x rays
BT X rays+

Softening
RT Hardening
Softening points
NT Macerating

Softening points
RT Softening
BT Thermophysical properties+

Software(Computers)
use Computer programs

Software engineering
(1-SEP-1990)
The systematic approach to the development, operation, maintenance, and retirement of computer programs.
BT Computer programs
Systems engineering+
NT Computer benchmarking
Software tools

Software tools
(1-APR-1999)
BT Software engineering+

Soil chemistry
(1-JUN-1989)
The study and analysis of the inorganic and organic components and the life cycles within soils.
RT Soil mechanics
BT Geochemistry+
Soil science+

Soil classification
RT Soil tests
BT Classification
Soil science+

Soil compaction
(1-OCT-1992)
Any process, such as burial or dessication, by which a soil mass loses pore space and becomes more dense.
UF Densification(Soils)
RT Soil consolidation
BT Compacting
Soil mechanics+
NT Soil settlement

Soil conservation
(1-SEP-1981)
The prevention or reduction of soil erosion and depletion by protective measures against water and wind damage.
RT Soil erosion
Soil stabilization
BT Conservation

Soil consolidation
(1-OCT-1992)
Any process whereby loosely aggregated, soft or liquid earth materials become firm and coherent rock.
RT Soil compaction
BT Metamorphic geology+

Soil dynamics
BT Dynamics+
Soil mechanics+

Soil erosion
RT Soil conservation
BT Erosion+
NT Beach erosion

Soil mechanics
RT Geotechnical engineering
Soil chemistry
BT Mechanics
NT Landslides
Soil compaction+
Soil dynamics

Soil models
BT Models

Soil pollution
(1-OCT-1993)
BT Pollution+
NT Soil remediation

Soil remediation
(1-OCT-1996)
A process of removing soil, treating it to remove or neutralize contaminants, and then replacing it.
BT Soil pollution+
Waste treatment+

Soil resistant properties
BT Physical properties

Soil science
RT Soils
BT Agriculture
NT Soil chemistry
Soil classification

Soil settlement
(1-OCT-1992)
The gradual downward movement

Soil settlement (cont.)
of an engineered structure due to compression of the soil below the foundation.
UF Subsistance soils
BT Soil compaction+
Soil structure interactions+

Soil stabilization
RT Soil conservation
BT Stabilization

Soil structure interactions
(1-SEP-1990)
Interactions between structures and the soils in which they are embedded; especially when subjected to structural loads such as those from earthquakes or explosions.
BT Interactions
NT Soil settlement

Soil surveys
BT Surveying(Geographic)+

Soil tests
RT Soil classification
BT Test methods+
NT Cone penetration tests
Consolidation tests(Soils)

Soils
RT Kaolinite
Soil science
NT Alluvium
Artificial soils
Clayey soils
Cohesionless soils
Cohesive soils+
Dirt
Frozen soils+
Gravel
Laterites
Loams
Loess
Mud
Ocean bottom soils
Organic soils
Sand+
Saturated soils
Silt
Tundra

Sol gel processes
(1-OCT-1995)
NT Aerogels

Solanaceous alkaloids
use Tropane alkaloids

Solar activity
RT Sun
NT Solar disturbances+
Solar flares

Solar atmosphere
BT Solar structure+
Stellar atmospheres+
NT Chromosphere
Photosphere
Solar corona

Solar cells
RT Solar energy
BT Cells
Solar panels+

Solar collectors
RT Solar furnaces
BT Solar panels+

Solar corona
BT Coronas
Solar atmosphere+

Solar cosmic rays
RT Solar flares
BT Corpuscular radiation+
Cosmic rays+
Solar radiation+

Solar cycle
RT Sunspots
BT Cycles

Solar disturbances
BT Solar activity
NT Solar flares
Sunspots

Solar eclipses
BT Eclipses+

Solar energy
RT Solar cells
Solar heating
BT Solar radiation+

Solar flares
RT Solar cosmic rays
BT Solar activity
Solar disturbances+

Solar furnaces
RT Solar collectors
BT Furnaces+

Solar generators
BT Electric generators+
NT Solar panels+

Solar heating
RT Solar energy
BT Heating

Solar observatories
BT Astronomical observatories+

Solar orbits
BT Orbits+
NT Perihelion

Solar panels
Flat surfaces containing numerous solar cells that are used on artificial satellites and spacecraft for electric power production.
BT Panels
Power equipment
Solar generators+
NT Solar cells
Solar collectors

Solar physics
RT Solar spectrum
BT Physics+
NT Solar structure+

Solar radiation
UFC Sunburn
BT Radiation
NT Solar cosmic rays
Solar energy
Solar ultraviolet radiation
Solar wind
Solar x rays
Sunlight

Solar radiation pressure
use Solar wind

Solar radio maps
BT Maps
Radio astronomy+

Solar rockets
Rocket engines that operate by converting solar energy.
BT Rocket engines+

Solar sails
RT Solar wind

Solar satellites
BT Artificial satellites+

Solar spectrum
UF Fraunhofer lines
RT Solar physics
BT Electromagnetic spectra+

Solar structure
BT Solar physics+
NT Solar atmosphere+

Solar system
BT Astronomical bodies+
NT Asteroids
Comets
Meteoroids+
Planetary satellites+
Planets+
Sun+

Solar ultraviolet radiation
BT Solar radiation+
Ultraviolet radiation+

Solar wind
UF Solar radiation pressure
RT Solar sails
BT Plasmas(Physics)+
Solar radiation+

Solar x rays
BT Solar radiation+
X rays+

Solarization

Soldered joints
RT Soldering
BT Joints

Soldering
RT Soldered joints
Soldering alloys
Soldering fluxes
BT Thermal joining+

Soldering alloys
RT Eutectics
Soldering
BT Alloys
NT Silver solders

Soldering fluxes
RT Soldering
BT Fluxes(Fusion)

Soldiers
use Army personnel

Solenoid valves
RT Solenoids
BT Valves

Solenoids
RT Solenoid valves
BT Electromagnets+

Solid bodies
BT Bodies
Solids

Solid delay lines
use all Delay lines
Solid state electronics

Solid electrolytes
BT Electrolytes+

Solid film lubricants
RT Lubricating films
BT Solid lubricants+

Solid fuels
BT Fuels
NT Solid jet engine fuels

Solid jet engine fuels
BT Jet engine fuels+
Solid fuels+

Solid lubricants
UF Dry film lubricants
BT Lubricants
NT Solid film lubricants

Solid phases
BT Phase
Solids
NT Solidified gases
Vitreous state

Solid propellant rocket engines
BT Rocket engines+
NT Dual thrust rocket engines
Jatos
Segmented rocket engines

Solid propellants
RT Nitroguanidine
BT Propellants
NT Composite propellants
Solid rocket propellants+

Solid rocket fuels
BT Rocket fuels+

Solid rocket oxidizers
BT Oxidizers

Solid rocket propellant binders
BT Binders

Solid rocket propellant plasticizers
BT Plasticizers+

Solid rocket propellants
BT Rocket propellants+
Solid propellants+
NT Double base rocket propellants
Rocket propellant grains

Solid solutions
RT Alloys
Metallography
BT Solutions(Mixtures)+

Solid state chemistry
BT Chemistry+

Solid state electronics
UFC Solid delay lines
BT Electronics
NT Semiconductor devices+
Semiconductors+

Solid state lasers
RT Light emitting diodes
BT Lasers+
NT Glass lasers+
Ruby lasers
Semiconductor lasers+
Solid state lasers (cont.)
Vertical cavity surface emitting lasers
YAG lasers

Solid state physics
RT Crystallography
BT Physics+
NT Spin waves

Solid wastes
BT Wastes
NT Sludge+
Spoil+

Solidification
BT Phase transformations+

Solidified gases
BT Gases+
Solid phases+

Solids
RT Gases
Liquids
NT Solid bodies
Solid phases+

Solions
BT Detectors

Solitons
(1-JUN-1989)
Solitary waves which can travel unchanged for long distances and can collide with each other and still retain their shape and velocity. Can be purely mathematical or refer to chemical processes, electronic effects, hydrodynamics, etc.
RT Quantum theory
BT Waves

Solubility
BT Physical properties
NT Ionic strength
Miscibility

Solutes
BT Solutions(Mixtures)+
NT Organic solutes

Solution heat treatment
BT Heat treatment

Solutions(General)
RT Problem solving
NT Solutions(Mixtures)+

Solutions(Mixtures)
RT Composition(Property)
Emulsions
BT Mixtures
Solutions(General)

Solutions(Mixtures) (cont.)
NT Aqueous solutions+
Azeotropes
Buffers(Chemistry)
Electroplating solutions
Saline solution
Solid solutions
Solutes+
Solvates
Solvents+

Solvates
RT Solvation
BT Solutions(Mixtures)+

Solvation
RT Solvates
BT Chemical reactions+
NT Hydration

Solvent action
use Solvent extraction

Solvent dyes
BT Dyes+

Solvent extraction
UF Solvent action
BT Separation

Solventless varnishes
BT Varnishes+

Solvents
Substances capable of dissolving other substances.
RT Cleaning compounds
Diluents
Dilution
Dissolving
Octadecanes
Solvolysis
BT Solutions(Mixtures)+
NT Carbon removing compounds
Organic solvents
Paint removers
Paint thinners

Solvolysis
RT Solvents
BT Chemical reactions+
NT Hydrolysis

Somalia
(1-NOV-1980)
An independent republic on Africa's East Coast.
BT East Africa+

Soman
use GD agent

Sonar
Theoretical or general concepts relating to sonic and ultrasonic underwater detection, ranging, sounding, and communication.
UFC Early warning sonar
RT Acoustic detection
Echo ranging
NT Biosonar
Bistatic sonar
Chirp sonar
Doppler sonar
Hydrographic sonar
Passive sonar
Scanning sonar
Search sonar+
Sonar equipment+
Synthetic aperture sonar
Towed sonar+

Sonar arrays
BT Acoustic arrays+
Sonar equipment+

Sonar beacons
BT Beacons+
Sonar equipment+

Sonar domes
BT Domes(Structural forms)+
Sonar equipment+

Sonar echoes
BT Echoes
Sonar signals+

Sonar equipment
UFC Sonar identification systems
RT Acoustic detectors
Underwater equipment
BT Acoustic equipment
Sonar
NT Sonar arrays
Sonar beacons
Sonar domes
Sonar receivers
Sonar sound analyzers
Sonar transducers

Sonar identification systems
use all Identification systems
Sonar equipment

Sonar images
(1-DEC-1984)
Geometric space figures of an acoustic optical system generated and composed of acoustic foci.
BT Acoustic images+

Sonar interception
RT Sonar receivers
BT Interception

Sonar personnel
BT Naval personnel+

Sonar projectors
UF Sonar transmitters
BT Underwater sound generators+
NT Pingers

Sonar pulses
BT Pulses
Sonar signals+

Sonar receivers
RT Sonar interception
BT Receivers
Sonar equipment+

Sonar reception
BT Reception

Sonar signals
BT Underwater sound signals+
NT Sonar echoes
Sonar pulses

Sonar sound analyzers
BT Sonar equipment+
Sound analyzers+

Sonar targets
RT Underwater targets
BT Targets

Sonar transducers
BT Sonar equipment+
Transducers

Sonar transmitters
use Sonar projectors

Songs
use Music

Sonic boom
BT Aerodynamic noise+
Shock waves+

Sonic cameras
BT Cameras+

Sonic decompression
BT Decompression

Sonic fatigue
BT Fatigue(Mechanics)+

Sonobuoys
BT Acoustic detectors+
Buoys+
Radio equipment+

Sonograms
(1-OCT-1996)
RT Ultrasonic radiation
BT Acoustic images+

Soot
RT Carbon
BT Combustion products

Sorghum
BT Farm crops+

Sorption
RT Desorption
Mass transfer
NT Absorption+
Adsorption+

Sorting
RT Sorting machines
BT Separation

Sorting machines
RT Sorting
BT Machines

Sound
RT Phonons
BT Acoustics
NT Audio tones
Noise(Sound)+
Ultrasonics+
Underwater sound+

Sound analyzers
BT Analyzers
NT Sonar sound analyzers

Sound equipment
use Acoustic equipment

Sound generators
RT Noise generators
BT Acoustic equipment
Generators
NT Acoustic horns
Sound reproduction systems
Tuning forks
Underwater sound generators+

Sound insulation
use Acoustic insulation

Sound motion picture projectors
RT Motion pictures
BT Motion picture projectors+

Sound pitch
UF Pitch(Acoustic)
RT Pitch discrimination
BT Acoustic properties+

Sound powered telephones
BT Telephone systems+

Sound pressure
RT Acoustic measurement
BT Pressure

Sound ranging
BT Range finding
NT Echo ranging

Sound reproduction systems
RT Acoustic recording systems
BT Reproduction
Sound generators+

Sound signals
use Acoustic signals

Sound transmission
RT Acoustic velocity
BT Acoustic properties+
Wave propagation+

Sound waves
RT Acoustic signals
Audio frequency
BT Acoustic waves+

Sounding
NT Atmospheric sounding

Sounding rockets
RT Atmospheric sounding
BT Rockets

Soundproofing
use Acoustic insulation

Sounds(Waterways)
BT Geographic areas
Waterways+
NT Block Island Sound
Long Island Sound
Puget Sound

Soup
BT Food

Sources
RT Ion sources
Light sources
Ores(Metal sources)
Radio sources(Astronomy)
Reactor start up sources

South(Direction)
BT Orientation(Direction)

South Africa
UF Union of South Africa
BT Subsaharan Africa+

South America
BT Latin America+
NT Argentina
Bolivia
Brazil
Chile
Colombia+
Ecuador
French Guiana
South America (cont.)
Guyana
Paraguay
Peru
Surinam
Uruguay
Venezuela

South Asia
BT Asia+
NT Afghanistan
Bangladesh
India
Pakistan
Southeast Asia+
Southwest Asia+
Sri Lanka

South Atlantic Ocean
BT Atlantic Ocean+

South Carolina
BT United States+

South China Sea
BT North Pacific Ocean+
NT Tonkin Gulf

South Dakota
BT United States+

South Korea
BT Korea+

South Pacific Ocean
BT Pacific Ocean+

South Vietnam
BT Vietnam+
NT Mekong Delta

Southeast Asia
BT South Asia+
NT Borneo
Burma
Cambodia
Indonesia+
Laos
Malaysia+
New Guinea
Philippines
Singapore
Thailand
Vietnam+

Southern Europe
(1-JUN-1989)
BT Europe+

Southern hemisphere
BT Geographic areas

Southwest Asia
(1-MAY-1983)
BT South Asia+

Southwest Asia (cont.)
NT Arabia+
Armenia
Azerbaijan
Georgia(Republic)
Iran
Iraq
Israel
Jordan
Kazakhstan
Kirgyzia
Lebanon
Sinai
Syria
Tajikistan
Turkmenistan
Uzbekistan

Soviet Union
use USSR

Soy protein
RT Soybeans
BT Proteins

Soybeans
RT Soy protein
BT Farm crops+

Space(Room)
NT Envelope(Space)+

Space based
(1-SEP-1981)
Operating from outside the limits of the earth's atmosphere.
RT Ground based

Space biology
Studies of organisms outside the earth's atmosphere. For studies directed primarily toward determining the effects of the space environment, space flight, etc., on man, see Aerospace medicine.
UF Astrobiology
Bioastronautics
RT Space environments
BT Biology+
Space sciences

Space buoys
BT Spacecraft

Space capsules
UF Capsules(Spacecraft)
BT Spacecraft

Space charge
RT Electric discharges
BT Electric charge+

Space communications
UF Astro communication systems
BT Telecommunications+
NT Communication satellites
Satellite communications

Space crews
RT Space flight
Space missions
BT Crews+
NT Astronauts

Space defense
(1-SEP-1990)
All defensive measures designed to destroy attacking enemy vehicles (including missiles) while in space, or to nullify or reduce the effectiveness of such attack.
BT Defense systems
Space warfare+
NT Antisatellite defense systems
Spacecraft defense systems

Space diversity communications
BT Communication and radio systems
Multipath transmission+
Radio transmission+

Space environmental chambers
use Space simulation chambers

Space environments
RT Space biology
BT Aerospace environments+
NT Deep space
Interplanetary space
Interstellar matter
Interstellar space
Lunar environments
Outer space

Space exploration
RT Extraterrestrial bases
NT Lunar exploration+

Space flight
RT Space crews
Space missions
BT Flight
NT Extravehicular activity

Space heaters
BT Air heaters+
Heaters
NT Aircraft heaters
Radiant heating panels
Vehicle heaters

Space launched
(1-JUN-1989)
BT Launching

Space maintenance
RT Extravehicular activity
BT Maintenance

Space missions
RT Space crews
Space flight
BT Missions

Space navigation
BT Navigation

Space objects
RT Space surveillance
BT Astronomical bodies+

Space perception
RT Range finding
BT Perception+
Psychophysiology+

Space probes
RT Probes
BT Spacecraft
NT Lunar probes
Mars probes
Venus probes

Space propulsion
BT Propulsion systems
NT Spacecraft nuclear propulsion

Space rations
BT Rations+

Space sciences
NT Aerospace medicine
Astronautics+
Astrophysics
Cosmology
Planetology+
Space biology
Space technology

Space shuttles
BT Space transportation+
Spacecraft

Space simulation chambers
UF Space environmental chambers
RT Altitude chambers
Closed ecological systems
BT Chambers
Simulators+

Space stations
Extraterrestrial bases on manmade platforms, rather than those established on natural astronomical bodies.
RT Extraterrestrial bases
BT Manned spacecraft+
Stations+

Space surveillance
Ground-based systems for the detection and tracking of objects in space.
RT Space objects
BT Space systems
Surveillance

Space systems
NT Space surveillance

Space technology
RT Aeronautical engineering
BT Space sciences

Space to space

Space to surface

Space tools
BT Tools

Space transportation
BT Transportation
NT Space shuttles

Space tugs
BT Spacecraft

Space vehicles
use Spacecraft

Space warfare
RT Space weapons
BT Warfare
NT Space defense+

Space weapons
RT Space warfare
BT Weapons+

Spaceborne

Spacecraft
UF Space vehicles
Spaceships
NT Aerospace craft+
Artificial satellites+
Interceptor spacecraft
Lunar craft
Manned spacecraft+
Recoverable spacecraft
Rendezvous spacecraft
Space buoys
Space capsules
Space probes+
Space shuttles
Space tugs
Spacecraft components+
Unmanned spacecraft

Spacecraft antennas
BT Antennas
Spacecraft components+
NT Satellite antennas

Spacecraft cabins
UF Spaceship cabins
BT Spacecraft components+

Spacecraft cameras
BT Cameras+

Spacecraft charging
(1-JUN-1989)
Electric charge induction upon the surface of a spacecraft by magnetospheric plasmas or other ion sources.
BT Electric charge+

Spacecraft components
RT Guided missile components
BT Spacecraft
NT Spacecraft antennas+
Spacecraft cabins
Spacecraft seats

Spacecraft debris
BT Debris

Spacecraft defense systems
Systems designed for the protection or self-defense of spacecraft.
BT Space defense+

Spacecraft docking
RT Intercept trajectories
BT Docking

Spacecraft nuclear propulsion
BT Nuclear propulsion+
Space propulsion+

Spacecraft seats
UF Spaceship seats
BT Seats
Spacecraft components+

Spacecraft trajectories
(1-JUN-1989)
BT Trajectories+
NT Interplanetary trajectories
Lunar trajectories

Spaced armor
BT Armor+

Spacers
RT Separators
NT Bushings
Inserts
Washers(Spacers)

Spaceship cabins
use Spacecraft cabins

Spaceship seats
use Spacecraft seats

Spaceships
use Spacecraft

Spain
RT Spanish language
BT European communities+
Iberian Peninsula+
NT Gibraltar

Spallation
The ejection of particles as the result of high energy bombardment.
RT Shaped charges

Spanish language
RT Spain
BT Foreign languages+

Spar buoys
BT Buoys+

Spare parts
RT Maintenance equipment
BT Logistics
Parts
Supplies+

Spark chambers
BT Ionization chambers+

Spark gaps
BT Electrodes

Spark ignition
RT Spark ignition engines
Spark plugs
BT Ignition+

Spark ignition engines
RT Spark ignition
BT Internal combustion engines+

Spark machining
UF Electrospark machining
RT Electroforming
BT Electroerosive machining+

Spark plugs
RT Spark ignition
BT Ignition systems

Spark shadowgraph photography
Production of photographic images resembling shadows, in which an electric spark discharge is triggered by passage of a projectile or other rapidly moving objects.
RT Flow visualization
BT High speed photography+

Sparks
BT Electric discharges+

Spars
RT Airframes
BT Structural components+

Sparse matrix
BT Matrices(Mathematics)+

Spasm
use all Contraction
Muscles

Spatial distribution
RT Anisotropy
BT Distribution
NT Dispersion relations

Spatial filtering

Special forces
(1-SEP-1990)
Small multipurpose military detachments trained for unusual or unconventional operations such as the training, organizing, supplying, directing and controlling indigenous forces in guerilla warfare and counterinsurgency operations, and to conduct their own unconventional warfare operations.
BT Special operations forces+

Special functions(Mathematics)
UF Boltzman h-functions
Boolean functions
Borel functions
Boussinesq-Papkovich stress function
Cicala functions
Dirac delta functions
Error functions
E-functions
Gamma functions
Hankel functions
Hermite functions
Hyperbolic functions
Inverse hyperbolic functions
Kummer functions
Macrobert's e-functions
Mathieu's function
Newman's function
Q functions
Whittaker functions
Zeta function
BT Complex variables+
Functions(Mathematics)+
NT Bessel functions
Delta functions
Exponential functions
Greens functions
Hypergeometric functions
Laguerre functions
Legendre functions
Logarithm functions

Special functions(Mathematics) (cont.)
Monotone functions
Spherical harmonics
Step functions

Special operations forces
(1-OCT-1994)
BT Military Forces(United States)+
NT Seal teams
Special forces

Specialists
RT Specialization
BT Enlisted personnel+

Specialization
RT Specialists

Specific gravity
BT Density+

Specific heat
BT Thermophysical properties+

Specific impulse
BT Thrust

Specific rotation
use Molecular rotation

Specific volume
RT Density
BT Physical properties

Specifications
RT Commonality
Requirements
BT Standards

Speckle interferometry
(1-OCT-1994)
The use of speckle patterns in the study of object displacement, vibration and distortion used particularly in obtaining diffraction limited images of stellar objects.
BT Interferometry

Spectra
RT Spectroscopy
BT Diffraction
NT Continuous spectra
Electromagnetic spectra+
Particle spectra+
Power spectra
Shock spectra
Spectral lines+
Vibrational spectra

Spectral emittance
BT Emittance

Spectral energy distribution
BT Distribution

Spectral lines
RT Line spectra
BT Spectra+
NT Collision broadening

Spectrographic cameras
BT Cameras+

Spectrographs
RT Spectrography
BT Measuring instruments+

Spectrography
RT Spectrographs
Spectrometry
Spectroscopy

Spectroheliographs
BT Astronomical cameras+

Spectrometers
RT Spectrometry
BT Measuring instruments+
NT Fourier spectrometers
Infrared spectrometers
Mass spectrometers
Nuclear radiation spectrometers+
Ultraviolet spectrometers

Spectrometry
RT Spectrography
Spectrometers
Spectroscopy
NT Mass spectrometry

Spectrophones

Spectrophotometers
UFC Microspectrophotometers
BT Radiation measuring instruments+
Spectrum analyzers+
NT Infrared spectrophotometers
Ultraviolet spectrophotometers

Spectrophotometry
BT Photometry
Spectroscopy

Spectroradiometers
BT Radiometers+

Spectroscopy
RT Spectra
Spectrography
Spectrometry
NT Atomic spectroscopy
Electron spectroscopy+
Emission spectroscopy+
Fourier spectroscopy
Infrared spectroscopy
Laser spectroscopy
Mass spectroscopy+

Spectroscopy (cont.)
Molecular spectroscopy+
Nuclear radiation spectroscopy+
Photofragment spectroscopy
Radiofrequency spectroscopy+
Spectrophotometry
Ultraviolet spectroscopy
X ray photoelectron spectroscopy
X ray spectroscopy

Spectrum analysis
RT Spectrum analyzers
NT Cepstrum technique
Multispectral

Spectrum analyzers
UFC Microwave spectrum analyzers
Radiofrequency spectrum analyzers
Ultrasonic spectrum analyzers
Ultraviolet spectrum analyzers
RT Spectrum analysis
BT Analyzers
Optical instruments+
NT Spectrophotometers+

Spectrum signatures
BT Signatures

Specular reflection
RT Mirrors
BT Reflection
NT Glare

Speech
RT Language
BT Linguistics+
NT Intelligibility+
Speech analysis+
Speech articulation+
Speech compression
Speech representation
Speech scrambling
Speech therapy
Speech transmission

Speech analysis
RT Speech recognition
BT Speech+
NT Dialects
Voiceprints

Speech articulation
BT Speech+
NT Phonemes+
Phonetics

Speech compression
BT Compression
Speech+

Speech discrimination
use Speech recognition

Speech recognition
UF Speech discrimination
RT Speech analysis
BT Intelligibility+

Speech representation
BT Speech+

Speech scrambling
Alteration of the audio frequencies of speech before transmission in order to prevent unauthorized reception.
BT Speech+

Speech therapy
BT Speech+
Therapy+

Speech transmission
BT Speech+

Speed
use Velocity

Speed brake flaps
use Air brake flaps

Speed regulators
UF Governors
UFC Constant speed drives
RT Variable speed drives
BT Regulators+
NT Electric governors

Spermatogenesis
BT Fertility+

Sphenoid sinus
use Paranasal sinuses

Spheres
RT Spherical waves
BT Bodies of revolution+
Convex bodies+
NT Microspheres

Spherical astronomy
BT Astronomy+

Spherical harmonics
(1-JUN-1989)
Solutions of Laplace's equation in spherical coordinates.
RT Legendre functions
BT Special functions(Mathematics)+

Spherical wave functions
use all Spherical waves
Wave functions

Spherical waves
(1-SEP-1981)
Waves whose equiface surfaces form a family of concentric spheres. The direction of travel is always perpendicular to the surfaces of the sphere.
UFC Spherical wave functions
RT Spheres
BT Waves

Spherics
use Atmospherics

Spherometers
BT Optical instruments+

Spherulites
BT Crystals+

Spices
use Condiments

Spiders
BT Arachnida+

Spike antennas
use Monopole antennas

Spikes
BT Geometric forms

Spilling
NT Oil spills

Spillways
(1-NOV-1980)
A passageway or channel to carry off excess water, as from a reservoir or dam.
RT Dams

Spin coatings
(1-APR-00)
BT Coatings

Spin down

Spin flip lasers
BT Lasers+

Spin recovery
(1-OCT-1995)
RT Spin recovery parachutes
BT Flight maneuvers+

Spin recovery parachutes
RT Spin recovery
BT Parachutes

Spin resonance
RT Nuclear magnetic resonance
BT Resonance+
NT Electron spin resonance

Spin scan radar
RT Radar scanning
BT Radar

Spin stabilization
BT Stabilization

Spin stabilized ammunition
BT Ammunition+
NT Flechettes
Spin stabilized rockets

Spin stabilized rockets
BT Rockets
Spin stabilized ammunition+

Spin states
BT Atomic properties
NT Isospin

Spin waves
(1-OCT-1997)
RT Magnons
BT Solid state physics+

Spinal column
UF Spine
Vertebrae
RT Laminectomy
Neck(Anatomy)
Spinal cord
BT Skeleton+

Spinal cord
RT Spinal column
BT Central nervous system+

Spindles
RT Shafts(Machine elements)
BT Rods+

Spine
use Spinal column

Spinel
RT Aluminates
BT Gems(Minerals)+

Spinners
Fairings that are fitted coaxially with, and revolve with, propellers.
BT Fairings

Spinning(Industrial processes)
BT Industrial engineering+
NT Metal spinning

Spinning(Motion)
BT Angular motion+
NT Precession

Spinodal decomposition
BT Decomposition+

Spinors
BT Differential geometry+

Spiral antennas
BT Broadband antennas+

Spiral-wrap construction
use Tape wound construction

Spirillaceae
UF Desulfovibrio
BT Pseudomonadales+
NT Vibrio+

Spirillum cholerae asiaticae
use Vibrio

Spiro compounds
BT Polycyclic compounds+

Spirochaeta
UF Spirochetes
Spirochetosis
BT Spirochaetaceae+

Spirochaetaceae
BT Spirochaetales+
NT Spirochaeta

Spirochaetales
BT Bacteria+
NT Spirochaetaceae+
Treponemataceae+

Spirochetes
use Spirochaeta

Spirochetosis
use Spirochaeta

Spirometry
BT Lung function tests+

Splash
BT Water entry

Spleen
UFC Spleen extract
Splenectomy
RT Splenomegaly
BT Hematopoietic system+

Spleen extract
use all Spleen
Tissue extracts

Splenectomy
use all Excision
Spleen

Splenomegaly
(1-MAY-1983)
Enlargement of the spleen.
RT Spleen
BT Signs and symptoms+

Splices
RT Splicing tools
BT Joints

Splicing tools
RT Splices
BT Small tools+

Splines
BT Fastenings

Splines(Geometry)
BT Geometry+

Split flaps
UF Fowler flaps
BT Flaps(Control surfaces)+

Splitting

Spodumene
BT Gems(Minerals)+
NT Eucryptite

Spoil
BT Solid wastes+
NT Dredged materials

Spoilers
RT Deflectors
BT Boundary layer control+
Flaps(Control surfaces)+

Sponge plastics
use Expanded plastics

Sponges
UF Porifera
UFC Surgical sponges
BT Aquatic animals+
Invertebrates+

Spontaneous combustion
RT Autoignition
Flash point
BT Combustion+

Sporadic e layer
use all E region
Ionization

Spores
UF Sporogenesis
BT Seeds
NT Pollen
Sporulation

Sporicides
use Germicides

Sporogenesis
use Spores

Sporontocides
BT Herbicides+

Sporozoa
UF Telosporidea
RT Sporozoites
BT Protozoa+
NT Eucoccidia+
Hemosporidia+
Toxoplasma

Sporozoites
RT Sporozoa
BT Malaria+

Sports
use Recreation

Sporulation
BT Spores+

Spot tests
RT Quality assurance
BT Test methods+

Spot welding
RT Spot welds
BT Electric welding+

Spot welds
RT Spot welding
BT Welds

Spotlights
use Lighting equipment

Spotted fever
use all Diseases
Rickettsia rickettsii

Spotting charges
RT Spotting rounds
BT Explosive charges+
Pyrotechnics

Spotting rifles
BT Artillery+
Small arms+

Spotting rounds
RT Spotting charges
BT Ammunition+

Spousal abuse
use Domestic violence

Spray forming
(1-JUL-1999)
RT Near net shape forming
BT Fabrication

Spray guns
RT Spray nozzles
BT Sprayers

Spray nozzles
RT Spray guns
BT Nozzles

Spray tanks
RT Sprayers
BT Tanks(Containers)+

Sprayers
RT Dispensers
Spray tanks
Sprays
NT Spray guns

Sprays
RT Sprayers
BT Fluids
NT Fuel sprays

Spread f
(1-JUN-1989)
Small scale irregularities of ionization seen on ionograms; described as range spreading and frequency spreading.
BT F region+

Spread spectrum
BT Frequency diversity+

Spreadsheet software
(1-JUL-1999)
BT Computer programming

Spring season
BT Seasons

Springs
RT Helixes
BT Mechanical components+
NT Air springs
Helical springs
Leaf springs

Springs(Water)
(1-OCT-1991)
RT Aquifers
BT Water supplies+

Sprinklers
RT Fire protection

Sprockets
RT Drives
BT Mechanical components+
NT Drive sprockets

Spurious effects

Sputtering
RT Deposition
BT Erosion+

Squad level organizations
BT Platoon level organizations+

Squadrons
BT Military organizations+

Square roots
BT Number theory+

Square waves
BT Waves

Squelch
RT Background noise
BT Noise reduction+

Squibs
use Explosives initiators

Squids
use Cephalopoda

Squint mode

Squirrel monkeys
BT Monkeys+

Squirrels
BT Rodents+

Sri Lanka
BT Indian Ocean Islands+
South Asia+

Stability
RT Instability
NT Aerodynamic stability+
Combustion stability+
Slope stability
Static stability
Thermal stability

Stabilization
Alteration of variables in a system to achieve stability. For equipment used to produce this alteration, see Stabilization systems.
NT Soil stabilization
Spin stabilization
Stabilization systems+

Stabilization systems
UF Equilibrators
RT Airfoils
BT Stabilization
NT Frequency stabilizers
Gyro stabilizers
Horizontal stabilizers
Stabilized platforms
Vertical stabilizers

Stabilized platforms
UF Inertial platforms
RT Gimbals

Stabilized platforms (cont.)
BT Platforms
Stabilization systems+

Stable flies
use Muscidae

Stable isotopes
BT Isotopes+
NT Deuterium

Stack gases
use Flue gases

Stacking
BT Handling

Stadiameters
use Optical sights

Staging
RT Jettisonable equipment

Stagnation
RT Flow fields
NT Stagnation point
Stagnation pressure
Stagnation temperature

Stagnation point
BT Stagnation

Stagnation pressure
BT Pressure
Stagnation

Stagnation temperature
BT Stagnation
Temperature

Stainless steel
BT Chromium alloys+
Steel+

Stakes
use Anchors(Structural)

Stall warning indicators
RT Angle of attack indicators
Stalling
BT Airspeed indicators+
Warning systems+

Stalling
The loss of effectiveness of surfaces or vehicles in fluid streams that is caused by operation at an angle of attack greater than that corresponding to maximum lift.
RT Stall warning indicators
BT Aerodynamic lift+

Standard deviation
RT Variations
BT Statistical analysis+

Standardization
RT Standards

Standards
RT Acceptability
Standardization
NT Design criteria
Frequency standards
Living standards
Military standards
Specifications
Time standards

Standby equipment
RT Backup systems
NT Standby generators

Standby generators
UF Auxiliary generators
BT Backup systems
Generators
Standby equipment

Standing wave indicators
RT Standing waves
BT Test equipment

Standing wave ratios
RT Standing waves
BT Ratios

Standing waves
RT Standing wave indicators
Standing wave ratios
BT Waves
NT Rossby waves

Standoff
RT Offset bombing
Standoff missiles

Standoff missiles
(1-DEC-1984)
An air-to-surface missile carried by strategic bombers for air defense suppression purposes or to strike primary targets.
RT Standoff
BT Air to surface missiles+

Stannates
BT Tin compounds+

Stannides
BT Tin compounds+

Stapes
use Ear

Staphylococcus
BT Micrococcaceae+
NT Staphylococcus aureus

Staphylococcus aureus
BT Staphylococcus+

Star trackers
RT Flight instruments
BT Celestial guidance+

Star wars
use Strategic defense initiative

Starch gum
use Dextrins

Starches
RT Manioc plants
BT Polysaccharides+

Starfishes
BT Echinodermata+

Stark effect
RT Line spectra
Zeeman effect
BT Atomic spectra+

Starlight
RT Starlight scopes
Stars
BT Low light levels+
NT Zodiacal light+

Starlight scopes
RT Starlight
BT Image intensifiers(Electronics)+

Stars
RT Starlight
BT Astronomical bodies+
NT B type stars
Binary stars
Constellations+
Dwarf stars
Infrared stars
Neutron stars+
Stellar atmospheres+
Sun+
Variable stars+
Wolf Rayet stars

Starting
RT Activation
Actuation
Ignition systems
NT Reactor start up sources
Restarting

Starvation
RT Food deprivation
BT Stress(Physiology)+

State equations
use Equations of state

State government
RT State law
BT Political science+
NT Local government

State law
RT State government
BT Legislation

State of the art

Static(Radiofrequency)
use Radiofrequency interference

Static dischargers
Devices, usually of rubber covered cloth, that discharge static electricity, as from moving vehicles, aircraft, etc.
RT Static electricity

Static electricity
UF Surface charge
RT Electrostatic fields
Static dischargers
BT Electricity
NT Electrostatics

Static eliminators
Devices that reduce the effect of atmospheric static in radio receivers.

Static loads
UF Deadweight
RT Dynamic loads
BT Loads(Forces)

Static pressure
RT Dynamic pressure
BT Pressure
NT Hydrostatic pressure

Static stability
BT Stability

Static tests
RT Stationary
BT Test methods+
NT Captive tests

Static tubes
use Pressure gages

Statics
BT Mechanics
NT Aerostatics
Hydrostatics+
Magnetostatics

Stationary
RT Static tests
Stationkeeping

Stationary processes
use Statistical processes

Stationkeeping
RT Stationary
NT Depthkeeping
Seakeeping

Stations
BT Facilities
NT Direction finding stations
Ground stations
Naval air stations
Pumping stations
Radar stations
Radio stations+
Seismological stations
Space stations
Television stations
Tracking stations
Weather stations+
Work stations

Statistical analysis
UF Endurance limit(Mathematics)
Estimators variability
Exceedences
Kolmofgoroff statistics
Mann-Whitney statistics
Polykays
Quartimax method
Scale theory
Smirnov moments
Smirnov statistics
Statistical ecology
Univariate analysis
Wilcoxon's statistic
BT Mathematical analysis+
Statistics+
NT Analysis of variance+
Confidence limits
Correlation techniques+
Covariance
Discriminate analysis
Distribution theory
Experimental design+
Factor analysis
Monte Carlo method
Multivariate analysis
Nonparametric statistics
Normality+
Population(Mathematics)+
Pseudo random systems
Regression analysis+
Sequential analysis
Standard deviation
Statistical data
Statistical decision theory
Statistical distributions+
Statistical inference
Statistical processes
Statistical analysis (cont.)
Statistical tests+

Statistical data
BT Statistical analysis+
Statistics+

Statistical decision theory
BT Decision theory+
Statistical analysis+

Statistical distributions
UF De Moivre distributions
BT Statistical analysis+
NT Mean
Probability density functions+

Statistical ecology
use Statistical analysis

Statistical functions
UF Autocovariance functions
Cumulative frequency functions
Pearson's type 3 functions
Random functions
BT Functions(Mathematics)+
NT Distribution functions+

Statistical inference
BT Statistical analysis+

Statistical mechanics
Predictions of macroscopic properties, e.g., transport properties of matter by studies of the behavior of individual molecules.
BT Mechanics
Thermodynamics

Statistical processes
UF Gaussian processes
Gaussian vector process
Ornstein-Uhlenbeck process
Robbing-Monro process
Stationary processes
BT Statistical analysis+

Statistical samples
RT Bayes theorem
BT Population(Mathematics)+

Statistical tests
UF Cramer-Smirnov test
Distribution free tests
T test
WAGR test
Wald's sequential test
BT Statistical analysis+
NT Chi square test
Goodness of fit tests

Statistics
RT Surveys
BT Mathematics

Statistics (cont.)
NT Biostatistics
Normalizing(Statistics)
Order statistics+
Statistical analysis+
Statistical data

Stators
BT Mechanical components+
NT Compressor stators
Electric motor stators
Turbine stators

Steady flow
(1-SEP-1981)
Fluid flow in which all of the conditions at any one point are constant with respect to time.
RT Unsteady flow
BT Fluid flow+
Steady state
NT Couette flow
Poiseuille flow

Steady state
NT Steady flow+

Stealth technology
(1-OCT-1991)
Techniques of designing weapons with minimum target cross sections.
BT Signature reduction+

Steam
BT Water vapor+

Steam cleaning
BT Cleaning

Steam condensers
BT Condensers(Liquefiers)

Steam engines
RT Steam turbines
BT External combustion engines+
Reciprocating engines+

Steam generators
(1-APR-00)
BT Gas generating systems

Steam pipes
RT Steam traps
BT Pipes

Steam power plants
BT Thermal power plants+

Steam regulator valves
use Steam valves

Steam traps
RT Steam pipes
BT Regulators+

Steam traps (cont.)
Traps

Steam turbine blades
RT Steam turbines
BT Turbine blades+

Steam turbines
RT Steam engines
Steam turbine blades
BT Turbines+

Steam valves
UF Steam regulator valves
BT Valves

Stearates
RT Soaps
BT Esters+

Stearic acid
BT Fatty acids+

Steel
UFC Boron steel
RT Steel industry
BT Iron alloys+
NT Austenite
Bainite
Carbon steels
Low alloy steels
Maraging steels
Martensite
Nickel steels
Ordnance steel
Pearlite
Stainless steel
Structural steel
Tool steel

Steel industry
RT Steel
BT Iron industry+

Steepest descent method
BT Numerical methods and procedures+

Steerable antennas
BT Directional antennas+

Steering
RT Guide vanes
NT Beam steering
Retrodirective steering

Steganography
(1-OCT-1999)
The art of encrypting a message in an open communication, usually with the aim of disguising the fact that there is a coded message within.
BT Cryptography+

Stekloff problem
use Partial differential equations

Stellar atmospheres
BT Atmospheres
Stars+
NT Solar atmosphere+

Stellar eclipses
BT Eclipses+

Stellar evolution
RT Wolf Rayet stars
BT Astronomy+
Evolution(Development)+

Stellar guidance
use Celestial guidance

Stellar map matching
BT Celestial guidance+

Stellarators
RT Controlled nuclear fusion
BT Plasma devices+

Stellate ganglion
use Ganglia

Stem cells
(1-JUL-1999)
Undifferentiated cells, normally found in an embryonic sources, which may be genetically driven to produce various organs.
BT Cells(Biology)+

Stemming

Stenosis
RT Constrictions
BT Pathology+

Stents
(1-APR-00)
Mechanical device used to hold an anatomical structure in a desired position.
BT Medical equipment

Step functions
(1-OCT-1995)
BT Special functions(Mathematics)+

Stepdown transformers
BT Transformers

Stepper motors
BT Motors

Stereochemistry
BT Chemistry+
NT Stereospecific polymers

Stereolithography
(1-JAN-1999)
BT Lithography+

Stereomapping
RT Stereoscopic mapping instruments
BT Mapping

Stereophotogrammetry
RT Aerial photographs
BT Photogrammetry+

Stereophotography
UF Three dimensional photography
RT Stereoscopic cameras
BT Photography

Stereoregular
use Stereospecific polymers

Stereoscopes
RT Stereoscopic display systems
BT Optical equipment

Stereoscopic cameras
RT Stereophotography
BT Cameras+

Stereoscopic display systems
UF Three dimensional display systems
RT Stereoscopes
BT Display systems

Stereoscopic height finding
BT Height finding+

Stereoscopic map plotters
BT Plotters+
Stereoscopic mapping instruments+

Stereoscopic mapping instruments
RT Stereomapping
BT Photographic equipment+
NT Stereoscopic map plotters

Stereoscopic projectors
BT Photographic projectors+

Stereoscopic range finding
BT Range finding

Stereospecific polymers
(1-SEP-1981)
A polymer with specific or definite order of arrangement of molecules in space, as in isostatic polypropylene; permits close packing of molecules and leads to a high degree of polymer crystallinity.
UF Stereoregular
BT Molecular structure+
Polymers+

Stereospecific polymers (cont.)
Stereochemistry+

Sterilization
RT Disinfection
NT Pasteurization
Radiosterilization
Sterilizers
Ultrasonic sterilization

Sterilizers
BT Sterilization

Sterling engines
use External combustion engines

Stern tubes(Propulsion)
BT Ship structural components+
Tubes

Steroids
UF Cholestenone
RT Hormones
BT Drugs
NT Cholesterol
Cortisol

Sterol ester hydrolase
use Carboxylic ester hydrolases

Sterplinski curve
use Topology

Stethoscopes
BT Medical equipment

Stieltjes integrals
use Integrals

Stiffened cylinders
RT Reinforcement(Structures)
BT Cylindrical bodies+
NT Ring stiffened cylinders

Stiffening
RT Reinforcement(Structures)
Stiffness

Stiffness
RT Modulus of elasticity
Stiffening
BT Flexural properties+
Mechanical properties+

Stilbenes
(1-MAY-1983)
Diphenylethylene; an unsaturated hydrocarbon, the nucleus of stilbestrol and other synthetic estrogenic compounds.
RT Stilbestrol

Stilbestrol
RT Stilbenes
BT Estrogens+

Stilbestrol derivatives
use Estrogens

Still projectors
UF Slide projectors
BT Photographic projectors+

Stillbirths
RT Death
BT Birth+

Stilling basins
(1-SEP-1990)
Depressed areas in channels or reservoirs that are deep enough to reduce the flow velocity.
BT Basins(Geographic)+

Stimulants(CNS)
use CNS stimulants

Stimulation(General)
RT Excitation

Stimulation(Physiology)
To evoke or increase the functional activity of a tissue.
BT Physiology

Stimuli
RT Proprioception
NT Cues(Stimuli)

Sting mounts
BT Mounts+
Test equipment

Stirling cycle
RT External combustion engines
BT Thermodynamic cycles+

Stirrers
BT Processing equipment

Stochastic control
BT Stochastic processes+

Stochastic processes
RT Ergodic processes
BT Probability+
NT Fokker Planck equations
Markov processes+
Random walk
Stochastic control

Stockpiles
RT Accumulation
Collection
BT Inventory

Stoichiometry
BT Qualitative analysis+
NT Isomers+

Stokes radiation
BT Raman spectra+

STOL
use Short takeoff aircraft

Stomach
RT Abdomen
Gastric juice
BT Gastrointestinal system+
Organs(Anatomy)+

Stomatitis
use Herpetic viruses

Stone coal
use Anthracite

Stop watches
use Clocks

Stopping
UF Terminating
RT Cancellation
Delay
NT Braking
Interruption

Stopping rules(Mathematics)
BT Mathematics

Storable rocket propellants
BT Liquid rocket propellants+

Storage
RT Warehouses
BT Logistics
NT Blood storage
Cold storage
Energy storage
Magazines(Ordnance)
Pol storage
Storage racks

Storage batteries
UF Cells(Electric storage)
Rechargeable batteries
Secondary batteries
RT Energy storage
BT Electric batteries
NT Lead acid batteries
Nickel cadmium batteries
Silver zinc batteries

Storage racks
BT Storage+

Storage rings
(1-OCT-1991)
Devices in which accelerated charged particles can be temporarily stored.
BT Particle accelerator components+

Storage tanks
UFC Fuel storage tanks
BT Tanks(Containers)+

Storage tubes
BT Electron tubes+

Stores
BT Military supplies+

Storms
BT Meteorological phenomena
NT Dust storms
Hurricanes
Thunderstorms
Tornadoes
Typhoons

Stoves
RT Heaters
BT Cooking devices+

Strabismus
use all Anomalies
Eye

Strain(Mechanics)
RT Strain rate
BT Mechanical properties+
NT Stress strain relations

Strain gages
RT Load cells
BT Gages+

Strain hardening
BT Hardening

Strain rate
RT Strain(Mechanics)
BT Rates

Strains(Biology)
RT Stress(Physiology)
BT Wounds and injuries

Straits
BT Waterways+
NT Bering Strait
English Channel
Florida Strait
Fram Strait
Gibraltar Strait
Hormuz Strait
Juan de Fuca Strait
Korean Strait
Skagerrak

Strakes
BT Aerodynamic control surfaces+

Stramonium
use Tropane alkaloids

Stranded conductors
use Electric cables

Strands
RT Cables

Strange particles
BT Elementary particles+
NT Hyperons+
K mesons

Strapped down systems

Straps
RT Belts

Strategic Air Command
BT Air Force+

Strategic analysis
BT Strategic warfare+

Strategic areas
BT Geographic areas

Strategic bombing
BT Bombing+
Strategic warfare+

Strategic communications
BT Communication and radio systems

Strategic defense initiative
(1-JUN-1989)
A defensive shield employing advanced technologies and weapons such as laser beams, high-energy particles, etc., with the capability of identifying and destroying enemy nuclear weapons.
UF Star wars
BT Ballistic missile intercept systems+

Strategic intelligence
BT Military intelligence+

Strategic materials
BT Logistics

Strategic satellites
BT Artificial satellites+

Strategic warfare
BT Warfare
NT Strategic analysis
Strategic bombing

Strategic warning
(1-DEC-1984)
Notification that enemy operations of any kind may be imminent.
BT Warning systems+

Strategic weapons
BT Weapons+

Strategy
RT Game theory
NT Deterrence
Military art
Military strategy
Military tactics+
Situational awareness

Stratification
RT Stratigraphy
BT Layers

Stratigraphy
RT Stratification
BT Geology+

Stratosphere
Above the tropopause and below the stratopause.
BT Earth atmosphere+

Stratus clouds
BT Clouds+

Straw
RT Chaff
BT Organic materials+

Streak cameras
BT High speed cameras+

Streamflow analysis
(1-OCT-1991)
Analysis of the flow of moving water under variation of channel size and gradient.
RT River currents
Streams
BT Hydrology+
Water flow+

Streamline shape
BT Shape+

Streams
RT Streamflow analysis
BT Waterways+
NT Rivers+

Strehl ratio
(1-APR-00)
BT Interferometry
Optical properties+

Strength(General)
NT High strength
Low strength
Potency
Strength(Mechanics)+
Strength(Physiology)
Strength weight ratio

Strength(Mechanics)
BT Mechanical properties+
Strength(General)
NT Compressive strength
Impact strength
Peel strength
Shear strength
Tensile strength
Wet strength
Yield strength

Strength(Physiology)
BT Physiology
Strength(General)

Strength weight ratio
BT Ratios
Strength(General)
Weight

Streptococcal pneumonia
RT Streptococcus
BT Pneumonia+

Streptococcus
RT Scarlet fever
Streptococcal pneumonia
Vancomycin
BT Lactobacillaceae+
NT Streptococcus mutans
Streptococcus pyogenes

Streptococcus mutans
BT Streptococcus+

Streptococcus pyogenes
BT Streptococcus+

Streptolysins
use all Bacterial toxins
Hemolysins

Streptomyces
BT Streptomycetaceae+

Streptomycetaceae
BT Actinomycetales+
NT Streptomyces

Streptomycins
BT Antibiotics+

Stress(Physiology)
Failure of an organism to adapt satisfactorily to a physical or chemical condition and the physiological tension resulting therefrom.
RT Anxiety
Hypertension
Strains(Biology)
BT Physiology
NT Altitude sickness
Decompression sickness
Deprivation+

Stress(Physiology) (cont.)
Effusion
Endurance(Physiology)
Heat stress(Physiology)
Hypertonic
Incapacitation
Motion sickness
Repetitive stress injuries
Starvation

Stress(Psychology)
Failure of an individual to adapt satisfactorily to an emotional factor and the psychological tensions resulting therefrom.
UF Mental stress
RT Exhaustion(Psychological)
BT Behavior+
NT Boredom
Burnout
Confinement(Psychology)
Sensory deprivation

Stress analysis
RT Structural analysis
BT Stresses+

Stress concentration
RT Stress strain relations
BT Stresses+

Stress corrosion
RT Fatigue(Mechanics)
BT Corrosion+

Stress intensity factors
(1-JAN-00)
BT Stresses+

Stress relaxation
RT Stress relieving
BT Relaxation
Stresses+

Stress relieving
RT Stress relaxation
BT Heat treatment

Stress strain relations
RT Residual stress
Stress concentration
BT Strain(Mechanics)+
Stresses+

Stress testing
RT Pull tests
BT Test methods+

Stress waves
RT Stresses
BT Elastic waves+

Stresses
RT Stress waves
BT Mechanical properties+

Stresses (cont.)
NT Bending stress
Biaxial stresses
Prestressing
Radial stress
Residual stress
Shear stresses
Stress analysis
Stress concentration
Stress intensity factors
Stress relaxation
Stress strain relations
Tensile stress
Thermal stresses
Torsion
Triaxial stresses
Wind stress

Stretch forming
The application of tensile loads to a material so as to cause permanent strain necessary to produce the required shape.
RT Metalworking
BT Cold working+

Stretchers
RT First aid
BT Medical equipment

Stria vascularis
BT Ear+

Striations

Strike warfare
BT Warfare
NT First strike capability
Second strike capability

Strip cameras
use Continuous strip cameras

Strip coatings
BT Coatings

Strip lines
use Strip transmission lines

Strip transmission lines
UF Strip lines
RT Microwave transmission
BT Transmission lines

Stripes
BT Geometric forms

Stripped atoms
Atoms that have lost their orbital electrons as a result of pressure, temperatures, or collisions with other atoms or particles.
BT Atoms
Ions+

Stroboscopes
RT High speed cameras
BT Light sources
Optical equipment

Strontium
RT Strontium alloys
Strontium compounds
BT Alkaline earth metals+

Strontium alloys
RT Strontium
Strontium compounds
BT Alloys

Strontium compounds
RT Strontium
Strontium alloys
BT Alkaline earth compounds+
NT Barium strontium titanates

Strouhal number
(1-SEP-1990)
A dimensionless number used in studying the vibrations of a body past which a fluid is flowing.
BT Fluid dynamics+

Struct ideals
use Algebra

Structural analysis
RT Stress analysis
BT Structural engineering+

Structural components
BT Structures
NT Anchors(Structural)
Angle bars
Bays(Structural units)
Beams(Structural)+
Columns(Supports)
Flanges
Guy wires
Honeycomb cores
Masts+
Metal plates+
Moldings
Molds(Forms)
Mounting brackets
Poles(Supports)
Rods+
Sandwich panels
Shells(Structural forms)+
Ship structural components+
Skin(Structural)
Spars
Struts+
Studs(Structural components)
Trusses

Structural engineering
RT Construction
Structural mechanics
BT Engineering
Structural engineering (cont.)
NT Structural analysis

Structural geology
UF Geologic structures
RT Earth crust
BT Geomorphology+
NT Faults(Geology)
Folds(Geology)
Geologic formation

Structural integrity
(1-OCT-1995)
The measurement of the resistance of any structure to failure.
BT Structural properties+

Structural mechanics
RT Structural engineering
BT Mechanics

Structural properties
BT Physical properties
NT Bearing capacity
Structural integrity
Structural response

Structural response
RT Modal analysis
BT Response
Structural properties+

Structural steel
BT Steel+

Structured programming
(1-JUN-1989)
The construction of computer programs in a well-disciplined modular fashion with well defined communication links between modules.
BT Computer programming

Structures
NT Arches
Bases(Structures)+
Buildings+
Cascade structures
Collapsible structures
Composite structures
Conformal structures
Dendritic structure
Earthquake resistant structures
Embankments+
Expandable structures
Extendable structures
Flexible structures
Groins(Structures)
Hardened structures
Honeycomb structures
Inflatable structures+
Microstructure
Monolithic structures(Electronics)
Offshore structures

Structures (cont.)
Pile structures+
Planar structures
Self supporting structures
Shelters+
Structural components+
Superstructures
Supports+
Telescoping structures+
Tubular structures
Underground structures+
Underwater structures
Walls+
Waterfront structures+

Strumming
BT Vibration+

Struts
BT Structural components+
NT Propeller struts

Strychnos alkaloids
UF Brucine
Nuxvomica
BT Isoquinoline alkaloids+

Stub configurations
BT Configurations

Stud welding
RT Studs(Structural components)
BT Welding+

Students
UFC College students
RT Education
BT Personnel
NT Cadets

Studs(Structural components)
RT Stud welding
BT Structural components+

Stuffing tubes
RT Tubes
BT Seals(Stoppers)

Sturm-Liouville transform
use Integral transforms

Styphnates
RT Explosives initiators
Styphnic acids
BT Nitrophenols+

Styphnic acids
RT Styphnates
BT Organic acids+

Styrene plastics
UF Styrene polymers
Styrene resins
RT Styrenes
BT Plastics+

Styrene plastics (cont.)
Thermoplastic resins+
NT Polystyrene

Styrene polymers
use Styrene plastics

Styrene resins
use Styrene plastics

Styrenes
RT Styrene plastics
BT Aromatic hydrocarbons+

Subarctic regions
BT Cold regions+

Subcaliber projectiles
Projectiles specially equipped to be fired from guns of larger caliber than those from which they are normally fired.
BT Projectiles+

Subcarrier waves
use Carrier waves

Subcontractors
use Contractors

Subcritical assemblies
UF Exponential assemblies
BT Nuclear reactors

Subcutaneous tissue
BT Integumentary system+
Tissues(Biology)

Subgrades
(1-JUN-1989)
The soils or rocks leveled off to support the foundation of a structure.

Subject analysis
use Subject indexing

Subject headings
use all Index terms
Subject indexing

Subject indexing
UF Subject analysis
UFC Subject headings
RT Thesauri
BT Information retrieval+
NT Machine aided indexing

Sublethal dosage
BT Dosage
NT Permissible dosage

Sublimation
BT Vaporization+

Sublingual glands
use Salivary glands

Submachine guns
BT Machine guns+
Small arms+

Submarine antennas
BT Ship antennas+

Submarine atmospheres
BT Controlled atmospheres+

Submarine bases
RT Naval logistics
BT Military facilities+

Submarine cables
use Underwater cables

Submarine canyons
BT Canyons+
Ocean bottom topography+

Submarine chasers
Antisubmarine surface ships.
BT Naval vessels(Combatant)+

Submarine detection
RT Submarine signatures
BT Detection

Submarine engines
BT Marine engines+

Submarine equipment
BT Underwater equipment

Submarine escape
RT Submarine rescue vessels
BT Abandonment
Escape systems

Submarine hulls
BT Hulls(Marine)+
Submarines+
NT Submarine sails

Submarine launched
BT Ship launched+

Submarine models
BT Ship models+

Submarine noise
BT Noise(Sound)+

Submarine periscopes
BT Periscopes+

Submarine personnel
BT Naval personnel+
Ship personnel+

Submarine radar pickets
use all Picket ships
Submarines

Submarine rescue vessels
RT Submarine escape
BT Naval vessels(Support)+

Submarine sails
BT Submarine hulls+

Submarine signatures
(1-OCT-1996)
RT Submarine detection
BT Ship signatures+

Submarine simulators
BT Simulators+

Submarine trenches
(1-SEP-1981)
A long narrow depression of the sea floor, with relatively steep sides.
BT Submarine troughs+
Trenches

Submarine troughs
BT Ocean bottom topography+
NT Submarine trenches

Submarines
UFC Submarine radar pickets
BT Naval vessels(Combatant)+
Submersibles+
NT Attack submarines
Nuclear powered submarines+
Submarine hulls+

Submaxillary glands
use Salivary glands

Submerged arc welding
BT Arc welding+

Submersibles
BT Underwater vehicles+
NT Submarines+

Submillimeter waves
Greater than 300,000 mc.
BT Radio waves+

Subminiature electrical equipment
RT Subminiature electronic equipment
BT Miniature electrical equipment+

Subminiature electron tubes
BT Miniature electron tubes+
Subminiature electronic equipment+

Subminiature electronic equipment
RT Subminiature electrical equipment
BT Miniature electronic equipment+
NT Subminiature electron tubes

Submunitions
BT Ordnance

Suborbital trajectories
BT Trajectories+

Subroutines
RT Compilers
BT Computer programs

Subsaharan Africa
BT Africa+
NT Angola
Burundi
East Africa+
Ghana
Ivory Coast
Malawi
Nigeria
Rhodesia+
Rwanda
South Africa
Sudan
Uganda
Zaire

Subsets(Mathematics)
use Set theory

Subsistance soils
use Soil settlement

Subsonic characteristics
BT Aerodynamic characteristics+

Subsonic combustion
BT Combustion+

Subsonic diffusers
BT Diffusers

Subsonic flight
BT Flight

Subsonic flow
BT Gas flow+

Subsonic nozzles
BT Nozzles

Subsonic wind tunnels
BT Wind tunnels+

Substitutes
NT Blood plasma substitutes
Blood substitutes

Substitution reactions
BT Chemical reactions+
NT Displacement reactions
Nucleophilic reactions

Substrates
RT Coatings

Subsurface
RT Underbottom
NT Underground+
Underwater+

Subtropical regions
BT Geographic areas

Subversion
RT Sabotage
BT Unconventional warfare+
NT Espionage

Successive intervals method
use Factor analysis

Succinates
RT Succinic acid
BT Esters+

Succinic acid
RT Succinates
BT Aliphatic acids+

Succinimides
BT Imides

Sucrose
BT Disaccharides+

Suction
RT Suction pumps
Suction slots
BT Vacuum

Suction pumps
RT Suction
BT Pumps

Suction slots
RT Suction
BT Aerodynamic slots+

Sudan
BT Subsaharan Africa+

Suez Canal
BT Canals+

Suez Gulf
(1-OCT-1991)
Extension of the Red Sea lying just south of the Suez Canal.
BT Gulfs+
Red Sea+

Sugar acids
UF Gulonic acid
Saccharic acid
BT Organic acids+
Polysaccharides+
NT Uronic acids+

Sugar alcohols
BT Alcohols+
NT Mannitol

Sugars
BT Carbohydrates+
NT Disaccharides+
Monosaccharides+

Sulfadiazine
BT Chemotherapeutic agents+

Sulfamates
RT Sulfamic acids
BT Esters+

Sulfamic acids
RT Sulfamates
BT Organic acids+

Sulfates
RT Sulfation
Sulfuric acid
BT Sulfur compounds+
NT Aluminum sulfate
Alums
Gypsum
Magnesium sulfates
Sodium sulfates
Thiosulfates

Sulfation
RT Sulfates
BT Chemical reactions+

Sulfides
BT Sulfur compounds+
NT Arsenic sulfides
Cadmium sulfides
Carbon disulfide
Carbon monosulfide
Copper sulfides
Hydrogen sulfide
Lead sulfides
Polysulfides
Polysulfones
Zinc sulfides

Sulfidization
BT Hardening

Sulfinates
(1-MAY-1983)
Salts of sulfinic acid having a general formula R-OH-S:O.
RT Sulfinic acids
BT Esters+

Sulfinic acids
RT Sulfinates
BT Organic acids+

Sulfites
BT Sulfur compounds+

Sulfobromophthalein sodium
BT Sodium+

Sulfonamides
BT Amides+
Antibiotics+

Sulfonates
BT Esters+

Sulfones
RT Sulfonic acids
BT Sulfur compounds+

Sulfonic acids
RT Sulfones
BT Organic acids+

Sulfonyl halides
BT Halides+

Sulfonyl radicals
BT Chemical radicals+

Sulfoxides
BT Sulfur compounds+
NT Methyl sulfoxide
Thionyl chloride

Sulfur
RT Sulfur compounds
BT Nonmetals+

Sulfur compounds
RT Sulfur
BT Chemical compounds
NT Organic sulfur compounds+
Sulfates+
Sulfides+
Sulfites
Sulfones
Sulfoxides+
Sulfur oxides

Sulfur heterocyclic compounds
UF S-heterocyclic compounds
BT Heterocyclic compounds+
Organic sulfur compounds+
NT Acetazolamide
Lipoic acid
Phenothiazines+
Thiazoles
Thiophenes

Sulfur oxides
BT Oxides+
Sulfur compounds+

Sulfuration
Introduction of sulfur or a sulfur-containing group into a molecule.
BT Chemical reactions+

Sulfuric acid
RT Sulfates
BT Inorganic acids+

Sumatra
(1-NOV-1980)
A large island in Western Indonesia.
BT Indonesia+

Summer
BT Seasons

Sumps
RT Drainage
BT Excavation

Sun
RT Solar activity
Sunlight
BT Solar system+
Stars+
NT Sunrise
Sunset

Sunburn
use all Burns(Injuries)
Solar radiation

Sunken ships
BT Ships

Sunlight
RT Sun
BT Daylight+
Solar radiation+

Sunrise
BT Sun+

Sunset
BT Sun+

Sunspots
RT Solar cycle
BT Solar disturbances+

Superalloys
BT Heat resistant alloys+

Supercavitating propellers
BT Marine propellers+

Supercharged ejector ramjet engines
BT Ramjet engines+

Superchargers
UF Axial superchargers
BT Compressors+
NT Turbochargers+

Supercomputers
(1-DEC-1984)
A computer which is among those with the highest speed, largest functional size, biggest physical dimensions, or greatest monetary cost in any given period of time.
BT Computers+

Superconductivity
RT Superconductors
BT Electrical conductivity+

Superconductors
RT Superconductivity
BT Electric conductors
NT High temperature superconductors

Supercooling
UF Undercooling
BT Cooling

Supercritical airfoils
BT Airfoils
NT Supercritical wings

Supercritical flow
RT Turbulent flow
BT Fluid flow+

Supercritical water oxidation
(1-JUL-1999)
A process used to decompose pollutants by pyrolyzing them in water heated above the critical point.
RT Demilitarization
BT Pyrolysis+
Waste treatment+

Supercritical wings
BT Supercritical airfoils+
Wings+

Superfines
BT Fines+
NT Ultrafines

Superfluidity
BT Fluid flow+

Superheaters
RT Superheating
BT Heaters

Superheating
RT Superheaters
BT Heating

Superheterodyne receivers
RT Heterodyning
BT Radio receivers+

Superhigh frequency
3,000 to 30,000 MHz.
BT Microwave frequency+
NT C band
G band
H band
I band
J band
K band+
S band
X band

Superlattices
(1-JUN-1989)
Lattices in which the atoms of one element occupy regular positions in the lattice of another element without forming a compound.
BT Crystal lattices+

Superlow frequency
30 - 300 Hz.
BT Radiofrequency+

Supernatant liquors
(1-OCT-1996)
Liquid portion of a centrifuged colloid.
BT Colloids+
Liquids+

Supernovae
BT Novae+

Superoxide dismutase
(1-SEP-1990)
An enzyme present in aerobic and facultative bacteria but not in anaerobes, which catalytically converts superoxides.
RT Superoxides
BT Oxidoreductases+

Superoxides
RT Superoxide dismutase
BT Oxides+

Superplasticity
(1-JUN-1989)
The ability of some metals and alloys to elongate uniformly by thousands of percent at elevated temperatures. Extensive plastic deformation without fracture.
BT Plastic properties+

Superquick fuzes
BT Fuzes(Ordnance)+

Superregeneration
BT Regeneration(Engineering)

Supersaturation
BT Saturation

Supersonic aircraft
BT Jet aircraft+
NT Supersonic transport aircraft

Supersonic airfoils
BT Airfoils
NT Sweptback wings

Supersonic characteristics
BT Aerodynamic characteristics+
NT Supersonic drag

Supersonic combustion
BT Combustion+

Supersonic combustion ramjet engines
BT Ramjet engines+

Supersonic diffusers
BT Diffusers

Supersonic drag
BT Aerodynamic drag+
Supersonic characteristics+

Supersonic flight
BT Flight

Supersonic flow
BT Gas flow+

Supersonic inlets
(1-MAY-1983)
An inlet of a jet engine at which single, double, or multiple shock waves form.
BT Air intakes+

Supersonic nozzles
BT Nozzles

Supersonic test vehicles
BT Test vehicles

Supersonic transport aircraft
BT Jet transport aircraft+
Supersonic aircraft+

Supersonic wind tunnels
BT Wind tunnels+

Superstructures
BT Structures

Supervision
RT Supervisors
BT Personnel management+

Supervisors
RT Supervision
BT Management personnel+

Supplies
RT Supply depots
BT Logistics
NT Medical supplies+
Military supplies+
Spare parts

Supply depots
UFC Air Force depots
Army depots
Fuel depots
RT Pol storage
Supplies
BT Logistics

Supports
UF Legs(Supports)
RT Frames
BT Structures
NT Columns(Supports)
Mounts+
Poles(Supports)
Tripods

Suppression
RT Suppressors
NT Defense suppression
Fire suppression

Suppressors
Devices used in electric or electronic components or circuits to prevent or reduce undesired actions or currents.
RT Silencers(Ordnance)
Suppression
NT Infrared suppressors

Suppurations
use Abscesses

Surf
BT Ocean waves+

Surface acoustic wave devices
(1-SEP-1981)
Devices such as surface acoustic wave delay lines and surface acoustic wave filters referred to in Markus.
UF Acoustic surface wave devices
RT Surface acoustic waves
BT Piezoelectric transducers+

Surface acoustic waves
(1-SEP-1981)
A sound wave that propagates along and is bound to the surface of a solid; ordinarily it contains both compressional and shear components.

Surface acoustic waves (cont.)
RT Surface acoustic wave devices
BT Acoustic waves+
Rayleigh waves+
Surface waves+

Surface active substances
Agents that reduce the surface tension of liquids, usually water, and enable liquids to wet otherwise repellant surfaces.
UF Surfactants
RT Surface chemistry

Surface analysis
BT Surfaces

Surface burst
Limited to nuclear explosions.
BT Explosions

Surface charge
use Static electricity

Surface chemistry
RT Surface active substances
Surface reactions
BT Chemistry+
Surface properties+

Surface conditions
use Surface properties

Surface effect ships
RT Surface effect vehicles
BT Ships

Surface effect vehicles
RT Surface effect ships
BT Ground vehicles+
NT Ground effect machines+

Surface energy
RT Surface tension
BT Energy
Surface properties+

Surface finishing
RT Surface roughness
BT Finishes
NT Abrasive blasting
End milling
Flame spraying
Grooving
Polishing+
Precision finishing
Shot peening

Surface launched
BT Launching

Surface mines
(1-APR-1998)
BT Mines(Excavations)+

Surface navigation
RT Underwater navigation
BT Navigation

Surface pressure
use Pressure

Surface properties
UF Surface conditions
RT Finishes
BT Physical properties
NT Adhesion
Emissivity
Reflectance+
Reflectivity
Roughness+
Surface chemistry
Surface energy
Surface temperature
Surface tension+
Texture

Surface propulsion
BT Propulsion systems
NT Marine surface propulsion

Surface reactions
RT Surface chemistry
BT Chemical reactions+

Surface roughness
RT Surface finishing
BT Roughness+
NT Pitting

Surface targets
BT Targets
NT Ground zero

Surface temperature
BT Surface properties+
Temperature

Surface tension
UF Interfacial tension
RT Surface energy
BT Surface properties+
Tension
NT Capillarity+

Surface to air
RT Surface to air missiles
Surface to space

Surface to air missiles
RT Antiaircraft missiles
Surface to air
BT Guided missiles

Surface to space
RT Surface to air

Surface to surface
RT Surface to surface missiles

Surface to surface missiles
RT Surface to surface
BT Guided missiles
NT Intercontinental ballistic missiles

Surface to underwater
RT Surface to underwater missiles

Surface to underwater missiles
RT Surface to underwater
BT Guided missiles

Surface truth

Surface waters
BT Water+

Surface waves
RT Internal waves
BT Waves
NT Love waves
Surface acoustic waves

Surface zero
(1-DEC-1984)
The point at which a nuclear weapon is aimed at or explodes over, under, or on water.
RT Ground zero

Surfaces
RT Floors
Planimetry
NT Control surfaces+
Front ends and surfaces
Lifting surfaces
Ocean surface
Surface analysis
Treads

Surfactants
use Surface active substances

Surgeons
(1-JUN-1989)
Physicians who specialize in surgery.
RT Surgery
BT Physicians+
NT Military surgeons+

Surgery
UFC Arthroplasty
Colpotomy
Thoracic surgery
RT Surgeons
BT Therapy+
NT Cryosurgery
Dental surgery+
Excision+
Laminectomy
Microsurgery
Orthopedics
Plastic surgery+
Surgical implantation
Surgery (cont.)
Surgical transplantation+
Tracheotomy

Surges
RT Circuit breakers

Surgical implantation
BT Implantation
Surgery+

Surgical instruments
UF Instruments(Surgical)
BT Medical equipment
NT Microtomes

Surgical shock
use Shock(Pathology)

Surgical sponges
use all Sponges
Surgical supplies

Surgical supplies
UFC Surgical sponges
BT Medical supplies+
NT Ligatures

Surgical transplantation
UF Grafts
RT Genetic tissue identification
Tissue banks
BT Surgery+
Transplantation
NT Skin grafts

Surinam
BT South America+

Surveillance
RT Reconnaissance
NT Acoustic surveillance
Combat surveillance
Infrared surveillance
Ocean surveillance+
Space surveillance
Visual surveillance

Surveillance drones
RT Aerial reconnaissance
Combat surveillance
BT Drones+

Surveillance radar
use Search radar

Surveillance satellites
use Reconnaissance satellites

Surveying(Geographic)
BT Surveys
NT Hydrographic surveying
Soil surveys

Surveys
RT Statistics
NT Aerial surveys
Geodetic surveys
Geological surveys
Health surveys
Questionnaires
Surveying(Geographic)+

Survivability
(1-MAY-1983)
The quality or state of being survivable.
BT Survival(General)

Survival(General)
NT Survivability
Survival(Personnel)
Survival equipment+

Survival(Personnel)
BT Survival(General)

Survival equipment
RT Life saving
Life support systems
BT Survival(General)
NT Life preservers+
Life rafts
Survival kits
Survival rations

Survival kits
BT Kits
Survival equipment+

Survival rations
BT Rations+
Survival equipment+

Suspended arrays
BT Arrays

Suspended sediments
(1-NOV-1980)
The load of eroded soil materials suspended in the water of a stream, river, ocean or lake.
BT Sediments

Suspending(Hanging)

Suspension devices
UFC Suspension lugs
BT Mechanical components+
NT Hangers
Leaf springs
Torsion bars

Suspension lugs
use all Lugs
Suspension devices

Sustainer engines
Motors that travel with, and do not separate from, a missile, and are used to provide sustained propulsion.
BT Rocket engines+

Sutures
RT Ligatures
BT Medical supplies+

Swaging
BT Cold working+
Metalworking+

Swamps
UF Bogs
Marshes
BT Wetlands+

Swans
BT Waterfowl+

Swath ships
(1-OCT-1991)
Small Waterplane Area Twin Hulled vessels.
BT Catamarans+

Sweat cooling
UF Transpiration cooling
BT Cooling

Sweat glands
RT Perspiration
BT Glands+
Integumentary system+

Sweating
use Perspiration

Sweden
RT Swedish language
BT Western Europe+

Swedish language
(1-JUN-1989)
RT Sweden
BT Foreign languages+

Sweep frequency radar
RT Sweep frequency techniques
BT Radar
NT Chirp radar

Sweep frequency techniques
RT Sweep frequency radar
BT Frequency modulation+

Sweep generators
BT Signal generators+
NT Rasters

Sweet potatoes
use Potatoes

Swept wings
BT Wings+
NT Delta wings+
Sweptback wings
Sweptforward wings
Variable sweep wings
Varying sweep wings

Sweptback wings
BT Supersonic airfoils+
Swept wings+

Sweptforward wings
BT Swept wings+

Swim bladders
BT Bladders+
Organs(Anatomy)+

Swimmer vehicles
RT Swimmers
BT Boats
Vehicles

Swimmers
RT Swimmer vehicles
Swimming
BT Personnel
NT Scuba divers

Swimming
RT Exercise(Physiology)
Swimmers

Swine
UF Hogs
Pigs
BT Livestock+
Mammals+

Swine influenza virus
BT Myxoviruses+

Swirler vanes
BT Turbine components+

Swirling flow
use Eddies(Fluid mechanics)

Switchboards
BT Switching circuits+

Switches
RT Switching
Switching circuits
NT Electric switches+
Pressure switches+
Waveguide switches

Switching
RT Switches
Switching logic
Switching (cont.)
NT Electronic switching+
Optical switching
Q switching

Switching circuits
RT Duplexers
Gates(Circuits)
Optical switching
Shift registers
Switches
BT Circuits+
NT Switchboards
Switching logic

Switching logic
RT Switching
BT Logic circuits+
Switching circuits+

Switzerland
BT Western Europe+

Syllables
BT Words(Language)+

Sylow classes
use Groups(Mathematics)

Symbolic programming
BT Computer programming

Symbols
RT Abbreviations
Coding

Symmetry
RT Isotropism
NT Asymmetry
Axisymmetric
Symmetry(Crystallography)

Symmetry(Crystallography)
BT Crystal structure+
Symmetry

Sympathetic detonations
BT Detonations+

Sympathetic nervous system
BT Autonomic nervous system+
Nerves+

Sympathicoblastoma
use Neuroblastoma

Sympatholytic agents
UF Adrenergic blocking agents
Adrenolytic drugs
RT Serotonin
BT Autonomic agents+

Sympathomimetic agents
BT Autonomic agents+
NT Amphetamines

Sympathomimetic agents (cont.)
Isoproterenol

Symposia
UF Forums
Seminars
NT Workshops+

Symptoms
use Signs and symptoms

Synapse
BT Neuromuscular transmission+

Synapsis
BT Cell division+

Synchrocyclotrons
RT Bevatrons
BT Synchrotrons+

Synchronism
NT Synchronization(Electronics)+
Synchronizing switches

Synchronization(Electronics)
BT Synchronism
NT Range gating

Synchronizing switches
BT Electric switches+
Synchronism

Synchronous satellites
BT Artificial satellites+

Synchros
For electromechanical systems incorporating feedback, see Servomechanisms. For linear nonreversible actuating devices, see Actuators.
UF Autosyns
Electric servomechanisms
Microsyns
Telesyns
BT Servomotors+

Synchrotron radiation
(1-JUN-1989)
Electromagnetic radiation generated by the acceleration of charged relativistic particles, usually electrons, in a magnetic field.
BT Electromagnetic radiation+

Synchrotrons
UFC Proton synchrotrons
RT Betatrons
BT Particle accelerators
NT Synchrocyclotrons

Syncope
UF Fainting
BT Pathology+

Syndromes
use Signs and symptoms

Synergism
BT Coupling(Interaction)+

Synoptic meteorology
RT Weather forecasting
BT Meteorology+

Syntactic foams
BT Composite materials+

Syntax
BT Grammars+
Linguistics+

Synthases

Synthesis
NT Biosynthesis+
Synthesis(Chemistry)+

Synthesis(Chemistry)
RT Synthetic materials
BT Chemical reactions+
Synthesis
NT Biomimetics
Diene synthesis
Photosynthesis

Synthetic aperture radar
BT Side looking radar+

Synthetic aperture sonar
BT Sonar

Synthetic fibers
UFC Aramid fibers
RT Polybenzimidazole
BT Fibers
Synthetic materials+
NT Mineral wool
Orlon
Polyester fibers+
Rayon

Synthetic fuels
BT Fuels
Synthetic materials+

Synthetic gems
use Synthetic stones

Synthetic materials
RT Synthesis(Chemistry)
BT Materials
NT Artificial leather
Artificial soils
Biomimetics
Synthetic fibers+

Synthetic materials (cont.)
Synthetic fuels
Synthetic rubber+
Synthetic stones

Synthetic nucleosides
use Nucleosides

Synthetic rubber
UF Thiokol
RT Polybutadiene
BT Rubber+
Synthetic materials+
NT Neoprene
Nitrile rubber
Vinyl rubber

Synthetic stones
UF Synthetic gems
RT Gems(Minerals)
BT Minerals
Synthetic materials+

Syntonic functions
use Functions(Mathematics)

Syphacia
BT Nematoda+

Syphilis
BT Venereal diseases+

Syria
BT Middle East+
Southwest Asia+

System safety
(1-MAY-1983)
The optimum degree of safety within the constraints of operational effectiveness, time, and cost attained through specific application of system safety management and engineering principles whereby hazards are identified and risk minimized throughout all phases of the system life cycle.
BT Safety

System test vessels
Vessels such as experimental firing or navigational ships, ballistic missile test vessels, instrumentation checkout vessels, or systems checkout vessels.
RT Test vehicles
BT Ships

Systems analysis
BT Operations research+
NT Systems approach

Systems approach
BT Systems analysis+

Systems design
use Systems engineering

Systems engineering
UF Systems design
RT Systems management
BT Engineering
NT Concurrent engineering
Risk analysis
Software engineering+
Technology assessment

Systems management
RT Systems engineering
BT Management
NT Corporate information management
Project management

Szondi test
use Projective techniques

S-heterocyclic compounds
use Sulfur heterocyclic compounds

T

T lymphocytes
(1-JUN-1989)
Thymus-dependent lymphocytes that can suppress or assist the stimulation of antibody production in B-lymphocytes in the presence of antigen, and can kill such cells as tumor and transplant tissue cells.
BT Lymphocytes+

T test
use Statistical tests

TAB(DTIC)
(1-MAY-1981)
Acronym for Technical Abstract Bulletin.
RT Information transfer
BT Announcement bulletins+

Tabanidae
use Diptera

Tables(Data)
RT Tabulation processes
BT Mathematics
NT Ephemerides
Firing tables+

Tables(Furniture)
UFC Operating tables
BT Furniture

Tablets(Chemical)
RT Capsules(Pharmacy)

Tabular icebergs
use Ice islands

Tabulation processes
RT Tables(Data)
BT Data reduction+

Tabun
use GA agent

TACAN
UF Tactical air navigation
BT Air navigation+
Radio navigation+

Tachistoscopes
BT Image projectors

Tachometers
BT Measuring instruments+

Tachycardia
BT Cardiovascular diseases+

Tackles
use Hoists

Tactical Air Command
BT Air Force+

Tactical air control systems
BT Air control centers+

Tactical air navigation
use TACAN

Tactical air support
UF Close air support
BT Close support+
Military tactics+

Tactical aircraft
RT Tactical reconnaissance
BT Military aircraft+
NT Attack aircraft+
Gunships
Observation aircraft

Tactical analysis
(1-MAY-1981)
NT Defense in depth
Lanchester equations

Tactical bombing
BT Bombing+
Military tactics+
Tactical warfare+

Tactical communications
RT Tactical warning
BT Communication and radio systems

Tactical data systems
BT Information systems
Tactical warfare+
NT Naval tactical data system

Tactical intelligence
RT Combat surveillance
BT Military intelligence+
NT Terrain intelligence

Tactical reconnaissance
RT Reconnaissance aircraft
Tactical aircraft
BT Military tactics+
Reconnaissance+

Tactical warfare
BT Warfare
NT Battle management
Combat support+
Flame warfare
Land warfare+
Tactical bombing
Tactical data systems+

Tactical warning
(1-DEC-1984)
Notification that enemy offensive operations of any kind are in progress.
RT Tactical communications
BT Warning systems+

Tactical weapons
BT Weapons+
NT Shoulder launched weapons

Tail assemblies
RT Aerial rudders
Boattail afterbodies
NT Tails(Aircraft)

Tail first planes
use all Aircraft
Canard configurations

Tail fuzes
UFC Bomb tail fuzes
Bomb tail hydrostatic fuzes
BT Bomb fuzes+

Tail helicopter rotors
BT Tail rotors+

Tail rotors
BT Antitorque rotors+
NT Tail helicopter rotors

Tail wheels
BT Landing gear+
Wheels

Tailless aircraft
UF Flying wing aircraft
UFC Tailless gliders
BT Aircraft

Tailless gliders
use all Gliders
Tailless aircraft

Tails(Aircraft)
BT Fuselages+
Tail assemblies

Taiwan
UF Formosa
BT Far East+
Pacific Ocean Islands+

Tajikistan
(1-OCT-1994)
BT CIS+
Southwest Asia+

Takeoff
RT Launching
BT Ascent trajectories+

Talc
RT Powders
BT Clay minerals+
Ores(Nonmetallic)
Rock forming minerals+

Tangents
BT Geometry+

Tank cars
RT Tanks(Containers)
BT Railroad cars+

Tank casualties
use all Casualties
Tanks(Combat vehicles)

Tank crews
RT Tanks(Combat vehicles)
BT Crews+

Tank engines
RT Tanks(Combat vehicles)
BT Engines

Tank fragmentation
BT Fragmentation

Tank fragments
UFC Propellant tank fragments
BT Fragments

Tank guns
(1-JUN-1989)
RT Tank turrets
Tanks(Combat vehicles)
BT Guns+

Tank liners
UFC Propellant tank liners
RT Tanks(Containers)
BT Linings

Tank turrets
RT Tank guns
Tanks(Combat vehicles)
BT Gun turrets

Tank vents
RT Tanks(Containers)
BT Vents

Tank warfare
(1-OCT-1992)
That component of tactical warfare which primarily involves combat with, between and against tanks.
RT Tanks(Combat vehicles)
BT Land warfare+
NT Antitank warfare

Tanker aircraft
RT Refueling in flight
BT Aircraft

Tanker ships
(1-SEP-1981)
UF AO(Vessels)
Oilers
RT Replenishment at sea
BT Naval vessels(Support)+

Tanks(Combat vehicles)
UFC Tank casualties
RT Tank crews
Tank engines
Tank guns
Tank turrets
Tank warfare
BT Armored vehicles+
Combat vehicles+
Tracked vehicles+

Tanks(Containers)
UFC Pressure tanks
RT Tank cars
Tank liners
Tank vents
BT Containers
NT Ballast tanks
Fuel tanks+
Gas cylinders
Oil tanks
Spray tanks
Storage tanks
Water tanks

Tannic acid
RT Tanning
BT Acids+
Benzoic acids+

Tanning
RT Leather
Tannic acid
BT Curing+

Tantalates
BT Tantalum compounds+
NT Lithium tantalates

Tantalum
RT Tantalum alloys
Tantalum compounds
BT Refractory metals+
Transition metals+

Tantalum alloys
RT Tantalum
Tantalum compounds
BT Refractory metal alloys+

Tantalum capacitors
BT Electrolytic capacitors+

Tantalum carbides
(1-DEC-1984)
TAC - hard chemical-resistant crystals melting at 3,875 degrees centigrade used in cutting tools and dies.
BT Carbides+
Tantalum compounds+

Tantalum compounds
RT Tantalum
Tantalum alloys
BT Group V compounds+
NT Tantalates+
Tantalum carbides

Tanzania
BT East Africa+
NT Zanzibar

Tape recorders
RT Tape recording
BT Electronic recording systems+

Tape recording
RT Tape recorders
Tapes
BT Recording systems
NT Video tape recording+

Tape wound construction
UF Helical wrap construction
Spiral-wrap construction
Tape wrapping
BT Construction

Tape wrapping
use Tape wound construction

Taper
BT Shape+

Tapes
UFC Electric insulating tapes
RT Tape recording
NT Adhesive tapes
Audio tapes
Magnetic tape
Video tapes

Tapeworms
use Platyhelminthes

Taps
UF Thread cutters
BT Small tools+

Tar
BT Pitch(Material)+
NT Coal tar

Target acquisition
RT Target detection
BT Acquisition
Detection

Target activated munitions
BT Ordnance

Target angle
RT Target lead indicators
BT Angles
NT Lead angle

Target classification
RT Target designators
Target recognition
BT Classification

Target designators
Systems for designating to one instrument targets that have already been located by a second instrument, usually by means of electrical data transmitters and receivers that indicate on one instrument the pointing of another.
RT Target classification
Target discrimination
BT Targeting
NT Cueing
Optical target designators+
Radar target designators

Target detection
RT Target acquisition
BT Detection

Target discrimination
RT Target designators
BT Detection
Discrimination

Target drones
RT Aerial targets
BT Drones+

Target echoes
BT Echoes

Target lead indicators
RT Target angle
BT Fire control system components+

Target position indicators
BT Display systems
Fire control system components+

Target recognition
RT Target classification
Target signatures
BT Detection
Recognition+

Target seekers
use Homing devices

Target signatures
RT Signature reduction
Target recognition
BT Signatures
NT Guided missile signatures

Target strength
BT Targets

Targeting
RT Targets
NT Aiming
Over the horizon targeting
Target designators+

Targets
RT Targeting
NT Aerial targets
False targets
Guided missile targets
Laser targets
Moving targets
Multiple targets
Radar targets
Rocket targets
Sonar targets
Surface targets+
Target strength
Thermal targets
Torpedo targets
Towed targets
Underwater targets
Visual targets

Targets(Accelerator)
use Particle accelerator targets

Tarpaulins
use Paulins

Tartrates
BT Esters+

Task forces
UFC Antisubmarine task forces
BT Organizations

Tasman Sea
BT Oceans+

Taste
RT Chemoreceptors
BT Senses(Physiology)+
NT Flavor

Tauberian series
use Series(Mathematics)

Tauberian theorem
use Series(Mathematics)

Taxes
BT Finance

Taxiing
RT Taxiways
BT Ground roll(Aeronautics)+

Taxiways
RT Taxiing
BT Runways+

Taxonomy
RT Classification
BT Biology+

Taylors series
BT Power series+

Tea
BT Beverages+

TEA lasers
UF Transversely excited atmospheric lasers
BT Gas lasers+

Teachers
use Instructors

Teaching
use Education

Teaching machines
RT Computer aided instruction
BT Training devices+

Teaching methods
BT Training+
NT Computer aided instruction+
Programmed instruction
Training devices+

Teams(Personnel)
BT Group dynamics+
Personnel
NT Panel(Committee)

Tear gas
BT Irritating agents+

Tearing
RT Lacrimal glands

Technetium
RT Technetium compounds
BT Refractory metals+
Transition metals+

Technetium compounds
RT Technetium
BT Group VII compounds+

Technical information centers
BT Information centers

Technical writing
RT Abstracts
BT Writing

Technicians
BT Personnel
NT Aviation technicians
Electronic technicians
Medical technicians

Technology assessment
(1-APR-1998)
BT Systems engineering+

Technology forecasting
BT Forecasting

Technology transfer
RT Foreign technology
Militarily critical technologies
Transfer of training
BT Transfer
NT Dual use technology

Tectonics
BT Geodynamics+
Geology+
NT Earth movements+
Plate tectonics+

Teeth
UFC Dental calculi
RT Dentistry
Gingivae
BT Mouth+
Skeleton+
NT Dental enamel
Dental plaque
Dental pulp
Dentin
Root canal

TEFLON
use Tetrafluoroethylene resins

Teichmuller's theorem
use Complex variables

Tektite
Natural glass of debatable origin strewn over the land and in sediments under the oceans.
RT Obsidian

Telecommunication circuits
BT Circuits+
Communication equipment

Telecommunications
(1-SEP-1981)
Communications over long distances.
UF Telephone communication systems
RT Morse code
BT Communication and radio systems
NT Adaptive communications
Communication switching centers+
Data links+
Digital communications
Electronic commerce
Global communications
Microwave communications+
Multichannel communications
Optical communications+
Phase locked communications
Pulse communications
Radio links+
Radio relay systems+
Secure communications+
Space communications+
Telegraph systems
Telemeter systems+
Telephone systems+
Teletype systems+
Television systems+
Two way transmission
Underwater communications
Voice communications

Telegraph equipment
RT Telegraph systems
BT Communication equipment

Telegraph signals
RT Telegraph systems
BT Signals

Telegraph systems
RT Telegraph equipment
Telegraph signals
BT Telecommunications+

Telemedicine
(1-OCT-1997)
Use of modern technology in communications and information science to remotely deliver health care.

Telemedicine (cont.)
BT Medicine+

Telemeter systems
RT Telemetering antennas
Telemetering data
Telemetering receivers
Telemetering transmitters
BT Telecommunications+
NT Radio telemetry

Telemetering antennas
RT Telemeter systems
BT Antennas

Telemetering data
RT Telemeter systems

Telemetering receivers
RT Telemeter systems
BT Receivers

Telemetering transmitters
RT Telemeter systems
BT Transmitters

Teleoperators
RT Robotics
BT Operators(Personnel)+

Telepathy(Mental)
use Parapsychology

Telephone amplifiers
use all Amplifiers
Telephone equipment

Telephone cables
use Telephone lines

Telephone communication systems
use Telecommunications

Telephone equipment
UFC Telephone amplifiers
BT Communication equipment
NT Telephone lines
Telephone receivers
Telephone transmitters

Telephone lines
UF Telephone cables
BT Telephone equipment+
Transmission lines

Telephone receivers
BT Receivers
Telephone equipment+

Telephone signals
BT Signals

Telephone systems
BT Telecommunications+
NT Intercommunication systems+
Radiotelephones+
Ship telephone systems
Sound powered telephones
Underwater telephones
Videophones

Telephone transmitters
BT Telephone equipment+

Telephoto lenses
BT Camera lenses+
NT Zoom lenses

Teleprinters
BT Printing equipment
Receivers
Teletype systems+

Telescope lenses
RT Telescopes
Telescopic gun sights
BT Optical lenses+

Telescopes
RT Astronomical observatories
Telescope lenses
BT Optical equipment
NT Infrared telescopes
Photoheliographs
Radio telescopes
Tracking telescopes+

Telescopic gun sights
UF Gun sight telescopes
RT Telescope lenses
BT Optical sights+

Telescoping rotors
BT Helicopter rotors+
Telescoping structures+

Telescoping structures
BT Structures
NT Telescoping rotors

Telesyns
use Synchros

Teletype systems
BT Telecommunications+
NT Teleprinters
Teletypewriters

Teletypewriters
BT Receivers
Teletype systems+
Typewriters+

Television antennas
RT Television transmitters
BT Antennas
Television equipment+

Television cameras
RT Iconoscopes
Video recording
BT Cameras+
Television equipment+

Television communication systems
use Television systems

Television converters
RT Image converters
BT Television equipment+

Television display systems
BT Display systems
Television equipment+

Television equipment
UFC Television ranging systems
Television tuning circuits
RT Kinescopes
BT Communication equipment
NT Television antennas
Television cameras
Television converters
Television display systems
Television receivers
Television transmitters

Television guidance
RT Television tracking
BT Guidance

Television pickup tubes
use Iconoscopes

Television ranging systems
use all Range finding
Television equipment

Television receivers
UF Video receivers(Television)
UFC Color television receivers
RT Radio receivers
BT Television equipment+

Television stations
BT Stations+
Television systems+

Television systems
UF Television communication systems
UFC Underwater television systems
RT Mass media
Video networks
BT Telecommunications+
NT Cable television
Closed circuit television
Color television+
Forward looking television
High definition television
Slow scan television
Television stations
Television systems (cont.)
Videophones

Television tracking
RT Television guidance
BT Optical tracking+

Television transmitters
RT Television antennas
BT Television equipment+
Transmitters

Television tuning circuits
use all Television equipment
Tuning devices

Telluric currents
UF Earth currents
BT Electric current+

Tellurides
BT Tellurium compounds+
NT Bismuth tellurides
Cadmium tellurides+
Lead tin tellurides
Zinc tellurides+

Tellurium
RT Tellurium alloys
Tellurium compounds
BT Metalloids+

Tellurium alloys
RT Tellurium
Tellurium compounds
BT Metalloid alloys+

Tellurium compounds
RT Tellurium
Tellurium alloys
BT Group VI compounds+
Nonmetallic compounds+
NT Tellurides+

Telosporidea
use Sporozoa

Temperate regions
UF Middle latitudes
Temperate zones
BT Geographic areas
Regions

Temperate zones
use Temperate regions

Temperature
RT Isotherms
NT Atmospheric temperature+
Body temperature+
Boiling point
Color temperature
Critical temperature
Curie temperature
High temperature

Temperature (cont.)
Low temperature
Melting point
Neel temperature
Room temperature
Stagnation temperature
Surface temperature
Transition temperature+
Wet bulb temperature

Temperature coefficient of reactivity
BT Reactor lattice parameters+
Temperature coefficients+

Temperature coefficients
BT Coefficients
NT Temperature coefficient of reactivity

Temperature control
UF Temperature management
Thermal management
Thermoregulation
RT Thermal switches
Thermostats
BT Control

Temperature gradients
BT Gradients
NT Isotherms
Thermoclines

Temperature inversion
RT Lapse rate
BT Atmospheric temperature+
Inversion

Temperature management
use Temperature control

Temperature measuring instruments
RT Temperature sensitive elements
BT Measuring instruments+
NT Radiation pyrometers
Thermometers+

Temperature sensitive elements
RT Temperature measuring instruments
NT Thermistors
Thermocouples+
Thermostats+

Temperature warning systems
BT Warning systems+

Tempering
RT Annealing
BT Heat treatment

Templates
RT Molds(Forms)
BT Patterns

Tenders(Vessels)
UF Repair ships
UFC Seaplane tenders
BT Naval vessels(Support)+

Tendons
BT Musculoskeletal system+

Tennessee
BT United States+

Tennessee River
BT Rivers+

Tensile properties
RT Tension
BT Mechanical properties+
NT Tensile strength
Tensile stress

Tensile strength
BT Strength(Mechanics)+
Tensile properties+

Tensile stress
BT Stresses+
Tensile properties+

Tensile testers
RT Tensiometers
BT Test equipment

Tensiometers
RT Tensile testers
BT Measuring instruments+

Tension
RT Tensile properties
NT Surface tension+

Tensor analysis
RT Tensors
BT Mathematical analysis+

Tensors
RT Tensor analysis
BT Linear algebra+

Tents
UFC Inflatable tents
RT Portable shelters
BT Field equipment+
Shelters+

Teratogenic compounds
BT Drugs

Terbium
RT Terbium compounds
BT Rare earth elements+

Terbium compounds
RT Terbium
BT Rare earth compounds+

Terephthalic acid
(1-OCT-1999)
RT Dacron
BT Organic acids+

Terminal ballistics
BT Ballistics
NT Impact point+
Wound ballistics

Terminal blocks
use Electric terminals

Terminal defense
BT Air defense+

Terminal flight facilities
RT Aircraft landings
BT Facilities
NT Airport control towers
Airports+
Landing fields+
Landing mats

Terminal guidance
BT Guidance
NT Homing+

Terminal homing
BT Homing+

Terminals
RT Connectors
NT Communication terminals+
Data processing terminals
Electric terminals+
Marine terminals
Remote terminals

Terminating
use Stopping

Termites
BT Isoptera+

Ternary compounds
BT Chemical compounds

Terpenes
NT Isoprene

Terrain
RT Landforms
Terrain intelligence
BT Topography
NT Terrain models

Terrain analysis radar
RT Radar mapping
BT Radar

Terrain avoidance
BT Avoidance
Navigation

Terrain clutter
use Ground clutter

Terrain following
BT Navigation

Terrain intelligence
RT Terrain
BT Tactical intelligence+

Terrain masking
BT Masking

Terrain models
BT Earth models+
Terrain+

Terramycin
use Oxytetracycline

Terrestrial magnetism
use Geomagnetism

Terrestrial radiation
BT Radiation

Terrorism
RT Counterterrorism
Guerrilla warfare
Terrorists
BT Unconventional warfare+
NT Assassination
Domestic terrorism

Terrorists
(1-JUN-1989)
RT Terrorism
BT Enemy personnel+

Test and evaluation
RT Test equipment
Test facilities
Test management
Test methods
NT Hydraulic tests
Joint test and evaluation
Performance(Engineering)

Test beds
RT Test fixtures
BT Test equipment

Test construction(Psychology)
BT Psychological tests+

Test equipment
RT Test and evaluation
NT Blast tubes+
Checkout equipment
Circuit testers
Flyer plates
Frequency analyzers+
Interference analyzers
Noise analyzers
Oscilloscopes

Test equipment (cont.)
Pulse analyzers+
Q meters
Radio interferometers
Shock tubes+
Signal generators+
Standing wave indicators
Sting mounts
Tensile testers
Test beds
Test fixtures+

Test facilities
RT Research facilities
Simulators
Test and evaluation
BT Facilities
NT Altitude chambers
Anechoic chambers
Model basins
Ranges(Facilities)+
Shock tunnels
Tracks(Aerodynamics)
Vacuum chambers
Water channel test facilities+
Wind tunnels+

Test fixtures
RT Test beds
BT Test equipment
NT Test stands

Test management
(1-JUN-1989)
Management of testing operations including the selection of test methods, test equipment, test sites, test personnel, etc.
RT Test and evaluation
BT Management

Test methods
RT Checkout procedures
Test and evaluation
BT Methodology
NT Accelerated testing
Acceptance tests
Bench tests
Closed bomb tests
Creep tests
Cyclic tests+
Destructive tests
Drop tests
Dynamic tests+
Environmental tests+
Fatigue tests(Mechanics)
Field tests
Firing tests(Ordnance)
Flight testing
Heart function tests
Hemagglutination tests
Kidney function tests
Laboratory tests
Life cycle testing
Life tests

Test methods (cont.)
Liver function tests
Microbiological tests
Model tests
Nondestructive testing
Nuclear explosion testing
Pull tests
Radiation simulation tests
Road tests
Shear tests
Skin tests
Sled tests
Soil tests+
Spot tests
Static tests+
Stress testing
Ultrasonic tests
Water absorption tests
Wind tunnel tests

Test reactors
RT Research reactors
BT Nuclear reactors

Test sets
Self-contained combinations of equipment used to perform prescribed tests of certain types of electrical and electronic equipment.

Test stands
RT Captive tests
BT Test fixtures+

Test vehicles
RT System test vessels
NT Control test vehicles
Hypersonic test vehicles
Ramjet test vehicles
Rocket sleds
Supersonic test vehicles

Testes
UFC Castration
RT Scrotum
Testosterone
BT Sex glands+

Testosterone
RT Testes
BT Sex hormones+

Tetanus
RT Clostridium tetani
BT Bacterial diseases+
Toxic diseases+

Tetanus bacillus
use Clostridium tetani

Tetanus toxoid
use all Clostridium tetani
Vaccines

Tetany
use Convulsive disorders

Tethering
RT Kiting
Umbilical cords(Aerospace)
BT Attachment+

Tetracyanoethylene
BT Ethylenes+

Tetracyclines
UF Achromycin
BT Antibiotics+
NT Chlortetracycline
Oxytetracycline

Tetraethylene pentamine nitrate
BT Nitrates+

Tetrafluoroethylene resins
UF TEFLON
TFE
BT Polymers+

Tetranitrotetrazacyclooctane
use HMX

Tetrazenes
BT Heterocyclic compounds+

Tetrazoles
BT Azoles+

Tetrodes
BT Electron tubes+

Tetroxides
BT Oxides+

Tetryl
UF Trinitrophenyltriaminoethyl nitrate
BT Explosives

Texas
BT United States+

Text processing
BT Processing

Textbooks
BT Books+

Textile industry
RT Textiles
BT Industries
NT Weaving

Textiles
UFC Hair textiles
RT Fibers
Materials
Textile industry
NT Cotton textiles

Textiles (cont.)
Fabrics+
Fire resistant textiles
Geotextiles
Glass textiles
Linen
Metallic textiles
Woolen textiles

Texture
BT Surface properties+

TFE
use Tetrafluoroethylene resins

Thailand
BT Southeast Asia+

Thalamus
BT Brain+

Thallium
RT Thallium alloys
Thallium compounds
BT Metals+

Thallium alloys
RT Thallium
Thallium compounds
BT Alloys

Thallium compounds
UFC KRS-5
RT Thallium
Thallium alloys
BT Group III compounds+

Thallium lamps
BT Discharge lamps+

Thawing
BT Melting+
Phase transformations+
NT Ice breakup

Theater level operations
BT Military operations

Theater missile defense
(1-OCT-1996)
BT Antimissile defense systems+

Thebaine
RT CNS stimulants
BT Alkaloids

Theft
BT Crimes
Delinquency+
NT Embezzlement

Theodolites
RT Sextants
BT Measuring instruments+
Optical equipment

Theodolites (cont.)
NT Gyrotheodolites
Phototheodolites

Theology
use Religion

Theophylline
use Purine alkaloids

Theorems
UFC Desargue's theorem
RT Theory
BT Mathematical analysis+
NT Bayes theorem

Theory
UFC Group theory(Mathematics)
RT Theorems
NT Band theory of solids
Control theory
Decision theory+
Distribution theory
Field theory+
Game theory+
Information theory+
Kinetic theory+
Matrix theory
Measure theory
Model theory
Number theory+
Perturbation theory
Potential theory
Quantum theory+
Queueing theory
Relativity theory+
Replacement theory+
Set theory+

Therapy
RT Healing
BT Medical services+
NT Acupuncture
Analgesia
Artificial respiration
Asepsis
Blood transfusion
Chemotherapy+
Defibrillation
Detoxification
Diathermy
Disinfection
Diuresis
Drug withdrawal
Electrotherapy
Immunotherapy
Inoculation
Intubation
Irrigation(Medicine)
Physical therapy
Psychotherapy+
Quarantine
Radiotherapy
Resuscitation+
Sedation

Therapy (cont.)
Self treatment
Shock therapy
Speech therapy
Surgery+

Thermal analysis
BT Thermodynamics
NT Differential thermal analysis
Thermoacoustics

Thermal batteries
BT Reserve batteries+

Thermal blooming
BT Blooming

Thermal boundary layer
BT Boundary layer+

Thermal column
BT Reactor system components

Thermal conductivity
UF Heat conductivity
RT Conduction(Heat transfer)
BT Conductivity+
Heat transfer
Transport properties+

Thermal countermeasures
BT Countermeasures+

Thermal cycling tests
BT Cyclic tests+

Thermal degradation
RT Tropical deterioration
BT Degradation

Thermal diffusion
BT Diffusion
Separation
NT Thermal diffusion separation

Thermal diffusion separation
BT Isotope separation+
Thermal diffusion+

Thermal expansion
BT Expansion
Thermophysical properties+
NT Isentrope

Thermal fatigue
BT Fatigue(Mechanics)+

Thermal images
(1-SEP-1990)
Images produced by measuring and recording electronically the thermal radiation of objects.
RT Thermographs
Thermovision
BT Images

Thermal instability
BT Instability

Thermal insulation
RT Heat shields
Mineral wool
BT Insulation

Thermal joining
RT Hot working
BT Joining
NT Brazing
Soldering
Welding+

Thermal lens effect

Thermal luminescence
BT Luminescence+

Thermal management
(1-OCT-1998)
use Temperature control

Thermal neutrons
UF Slow neutrons
BT Neutrons+
Nuclear radiation+

Thermal pollution
RT Entropy
BT Pollution+

Thermal power plants
BT Electric power plants
NT Steam power plants

Thermal properties
BT Thermodynamics
NT Photothermal properties
Thermal stability
Thermoelasticity
Thermomechanics

Thermal propulsion systems
RT Heat engines
BT Propulsion systems

Thermal radiation
UF Radiation(Heat transfer)
BT Electromagnetic radiation+

Thermal reactors
BT Nuclear reactors

Thermal resistance
RT Heat resistant materials
BT Mechanical properties+
Resistance

Thermal shock
BT Shock

Thermal stability
BT Stability
Thermal properties+

Thermal stresses
BT Stresses+

Thermal switches
RT Temperature control
BT Electric switches+

Thermal targets
BT Targets

Thermal utilization
BT Reactor lattice parameters+
Utilization

Thermicons
RT Infrared images
BT Infrared image tubes+

Thermionic converters
RT Thermionic power generation
BT Electric generators+
Power equipment

Thermionic emission
RT Thermoelectricity
BT Emission

Thermionic power generation
RT Thermionic converters
BT Electric power production+

Thermistors
BT Semiconductor devices+
Temperature sensitive elements
Variable resistors+

Thermite
BT Incendiary mixtures+

Thermoacoustics
(1-OCT-1996)
BT Acoustics
Thermal analysis+

Thermochemical propulsion
RT Thermochemistry
BT Propulsion systems

Thermochemistry
RT Thermochemical propulsion
BT Chemistry+

Thermochromic materials
BT Materials

Thermoclines
BT Temperature gradients+

Thermocompression
BT Compression

Thermocouple pyrometers
BT Pyrometers+
Thermocouples+

Thermocouples
BT Temperature sensitive elements
NT Thermocouple pyrometers

Thermodynamic cycles
BT Cycles
Thermodynamics
NT Brayton cycle
Rankine cycle
Stirling cycle
Wankel cycle

Thermodynamic properties
BT Thermodynamics
NT Boiling point
Free energy
Heat of activation
Heat of combustion
Heat of formation
Heat of fusion
Heat of reaction+
Heat of solution
Heat of sublimation
Heat of vaporization
Peltier effect
Volatility

Thermodynamics
RT Cooling
Photothermal energy
NT Enthalpy
Entropy
Ideal gas law
Joule Thomson effect
Statistical mechanics
Thermal analysis+
Thermal properties+
Thermodynamic cycles+
Thermodynamic properties+
Thermophysical properties+

Thermoelasticity
(1-SEP-1981)
Dependence of the stress distribution of an elastic solid on its thermal state, or of its thermal conductivity on the stress distribution.
RT Hydroelasticity
BT Elastic properties+
Thermal properties+

Thermoelectric cooling
BT Cooling

Thermoelectric power generation
BT Electric power production+
Thermoelectricity+
NT Radioisotope thermoelectric devices

Thermoelectricity
RT Peltier effect
Thermionic emission
BT Electricity
Thermophysical properties+
NT Seebeck effect
Thermoelectric power generation+

Thermographs
RT Thermal images
BT Thermography
NT Bathythermographs

Thermography
NT Infrared image tubes+
Infrared images
Thermographs+

Thermogravimetric analysis
BT Gravimetric analysis+

Thermoluminescence
BT Luminescence+

Thermomechanics
BT Mechanics
Thermal properties+

Thermometers
RT Psychrometers
Pyrometers
BT Temperature measuring instruments+
NT Resistance thermometers
Vortex thermometers

Thermonuclear energy
BT Energy

Thermonuclear reactions
UF Fusion reactions
BT Nuclear reactions

Thermophilic fungus
BT Fungi+

Thermophysical properties
BT Thermodynamics
NT Emissivity
Softening points
Specific heat
Thermal expansion+
Thermoelectricity+

Thermopiles

Thermoplastic composites
(1-APR-00)
RT Thermoplastic resins
BT Composite materials+

Thermoplastic resins
RT Thermoplastic composites
BT Plastics+
NT Acetal resins+

Thermoplastic resins (cont.)
Acrylic resins+
Cellulosic resins+
Halocarbon plastics
Polyamide plastics+
Polyethylene plastics
Polyethylene terephthalate
Polyimide resins
Polymethyl methacrylate+
Polyoxyethylene
Polypropylene
Styrene plastics+
Vinyl plastics+

Thermoregulation
use Temperature control

Thermosetting plastics
UF Thermosetting resins
BT Plastics+
NT Amino plastics
Epoxy resins
Furan resins
Phenolic plastics+
Silicone plastics+

Thermosetting resins
use Thermosetting plastics

Thermosphere
BT Upper atmosphere+

Thermostats
RT Temperature control
BT Regulators+
Temperature sensitive elements
NT Cryostats

Thermovision
RT Thermal images
BT Infrared detection+
Infrared equipment+

Thesauri
RT Hierarchies
Subject indexing
Vocabulary
Word lists
BT Documents

Theses
UF Dissertations
RT Hypotheses
BT Reports+

Thiaminase I
use Alkyl transferases

Thiamines
BT Vitamin B complex+

Thiazoles
BT Nitrogen heterocyclic compounds+
Sulfur heterocyclic compounds+

Thick films
RT Thin films
BT Films

Thick walls
RT Thin walls
BT Walls+

Thick wings
RT Thin wings
BT Wings+

Thickeners(Materials)
RT Additives
NT Fuel thickeners

Thickness
RT Thinness
BT Sizes(Dimensions)+

Thin film capacitors
BT Fixed capacitors+

Thin film resistors
BT Film resistors+

Thin film storage devices
BT Memory devices+

Thin films
UFC Ferromagnetic films
RT Thick films
BT Films
Thinness

Thin layer chromatography
BT Chromatography+

Thin walls
RT Thick walls
BT Thinness
Walls+

Thin wings
RT Thick wings
BT Thinness
Wings+

Thinness
RT Thickness
NT Thin films
Thin walls
Thin wings

Thiobarbituric acid
BT Barbituric acids+

Thiocyanates
BT Cyanates+

Thiodiphenylamine
use Phenothiazines

Thiokol
use Synthetic rubber

Thiols
RT Phenols
NT Cysteine

Thionyl chloride
BT Chlorides+
Sulfoxides+

Thiopental sodium
use Barbiturates

Thiophenes
BT Sulfur heterocyclic compounds+

Thiosulfates
BT Sulfates+

Thiourea
BT Urea+

Third harmonic generation
BT Frequency multipliers+

Third stage engines
BT Rocket engines+

Thirst
RT Water
BT Perception+

Thixotropic propellant rocket engines
BT Rocket engines+

Thixotropic rocket propellants
UF Gelled propellants
BT Liquid rocket propellants+

Thogoto virus
BT Viruses+

Thoracic surgery
use all Surgery
Thorax

Thorax
UF Chest
UFC Thoracic surgery
RT Ribs
BT Anatomy+

Thorium
RT Thorium alloys
Thorium compounds
BT Actinide series+

Thorium alloys
RT Thorium
Thorium compounds
BT Alloys

Thorium compounds
RT Thorium
Thorium alloys
BT Actinide series compounds+
NT Thorium oxides+

Thorium dioxide
BT Dioxides+
Thorium oxides+

Thorium oxides
(1-NOV-1980)
BT Oxides+
Thorium compounds+
NT Thorium dioxide

Thread cutters
use Taps

Threat evaluation
BT Threats

Threats
NT Threat evaluation

Three body problem
use N body problem

Three dimensional
RT Two dimensional
NT Three dimensional flow

Three dimensional display systems
use Stereoscopic display systems

Three dimensional flow
BT Flow
Three dimensional

Three dimensional photography
use Stereophotography

Three phase flow
BT Multiphase flow+

Three terminal networks
BT Electrical networks+

Threshold effects

Thresholds(Physiology)
UFC Auditory thresholds
Olfactory thresholds
RT Frequency response
BT Perception+

Throat
UF Fauces
Nasopharynx
Pharynx
BT Digestive system+
Respiratory system+
NT Larynx

Throats(Equipment)
NT Nozzle throats+

Thrombin
RT Thromboplastin
BT Blood proteins+
Peptide hydrolases+
NT Prothrombin

Thrombocytes
use Blood platelets

Thrombocytopenia
RT Blood platelets
BT Blood diseases+

Thromboembolism
use all Embolism
Thrombosis

Thrombophlebitis
BT Thrombosis+

Thromboplastin
RT Thrombin
BT Blood proteins+

Thrombosis
UF Thrombus
UFC Thromboembolism
RT Infarction
BT Blood diseases+
Cardiovascular diseases+
Obstruction(Physiology)+
NT Thrombophlebitis

Thrombus
use Thrombosis

Throttling
BT Control
NT Thrust control+

Throughput
RT Output
BT Input

Thrust
RT Thrusters
NT Specific impulse
Thrust augmentation
Thrust control+
Thrust reversal

Thrust augmentation
RT Afterburning
Thrust augmentor nozzles
BT Augmentation
Thrust

Thrust augmentor nozzles
RT Thrust augmentation
BT Exhaust nozzles+

Thrust bearings
BT Bearings

Thrust chambers
BT Combustion chambers+
Rocket components+

Thrust control
BT Throttling+
Thrust
NT Control jets
Thrust vector control systems+

Thrust meters
BT Measuring instruments+

Thrust reversal
UF Negative thrust
Reverse thrust
BT Thrust

Thrust termination systems

Thrust vector control systems
BT Attitude control systems+
Thrust control+
NT Jet tabs
Jetavators
Secondary injection

Thrusters
RT Thrust
BT Rocket engines+

Thulium
RT Thulium compounds
BT Rare earth elements+

Thulium compounds
RT Thulium
BT Rare earth compounds+

Thunderclouds
use Cumulonimbus clouds

Thunderstorms
RT Cumulonimbus clouds
Lightning
BT Storms+

Thymidines
NT Nucleic acid components+

Thymocytes
RT Thymus
BT Cells(Biology)+

Thymus
RT Thymocytes
BT Endocrine glands+

Thymus histone
use Histones

Thyratrons
RT Silicon controlled rectifiers
BT Discharge tubes+

Thyristors
BT Semiconductor devices+

Thyroglobulin
(1-MAY-1983)
An iodinated protein found as the storage form of the iodinated hormones in the thyroid follicular lumen and epithelial cells.
BT Thyroid hormones+

Thyroid and antithyroid agents
UF Antithyroid agents
RT Thyroid gland
BT Drugs

Thyroid extract
use all Thyroid gland
Tissue extracts

Thyroid gland
UFC Hyperthyroidism
Hypothyroidism
Thyroid extract
Thyroidectomy
RT Thyroid and antithyroid agents
Thyroid hormones
Thyrotropin
BT Endocrine glands+

Thyroid hormones
RT Thyroid gland
BT Hormones+
NT Thyroglobulin
Thyroxine

Thyroidectomy
use all Excision
Thyroid gland

Thyroiodine
use Thyroxine

Thyrotropin
(1-SEP-1981)
A glycoprotein hormone produced by the anterior pituitary gland, which stimulates the growth and function of the thyroid gland.
RT Thyroid gland
BT Pituitary hormones+

Thyroxine
UF Thyroiodine
Tyrosine derivatives(Iodinated)
BT Thyroid hormones+

Tibia
RT Legs
BT Bones+

Tickborne diseases
RT Tickborne viruses
Ticks
BT Arthropod borne diseases+

Tickborne viruses
RT Tickborne diseases
Ticks
BT Arboviruses+

Ticks
UF Argasidae
RT Parasites
Tickborne diseases
Tickborne viruses
BT Arachnida+
NT Ixodidae

Tidal currents
RT Ocean tides
BT Currents

Tides
NT Atmospheric tides
Earth tides
Ocean tides

Tides(Atmospheric)
use Atmospheric tides

Tidewater
RT Ocean tides
BT Water+

Tiedown devices
(1-SEP-1981)
A fitting or system of lines and fittings used to tie something (such as an airplane, a horses head, or a load of cargo) down in a desired position.
BT Fastenings

TIG welding
use Gas tungsten arc welding

Tightness
BT Tolerances(Mechanics)+

Tiles
RT Floor coverings
BT Ceramic materials

Tilt
RT Tiltmeters
BT Attitude(Inclination)+

Tilt rotor aircraft
(1-DEC-1984)
Aircraft using rotors which may be tilted horizontally and vertically.
BT Rotary wing aircraft+
Vertical takeoff aircraft+

Tilt wing aircraft
(1-DEC-1984)
Aircraft in which a portion of the wings can be varied from horizontal to vertical permitting operation as rotor blades or propeller blades.
UF Pivoted wing aircraft
RT Tilt wings
BT Aircraft
Short takeoff aircraft+

Tilt wings
Aircraft wings that can be rotated through 90 degrees along the lateral axis of the aircraft.
RT Tilt wing aircraft
BT Wings+

Tiltmeters
RT Tilt
BT Measuring instruments+

Time
RT Clocks
Scheduling
NT Long range(Time)
Real time
Short range(Time)+
Time dependence+
Time domain
Time intervals+
Time series analysis
Time studies

Time compression
BT Compression

Time delay fuzes
BT Time fuzes+

Time delay relays
BT Relays

Time dependence
BT Time
NT Daily occurrence

Time division multiplexing
RT Access time
BT Multiplexing

Time domain
BT Time

Time fuzes
RT Setback(Fuzes)
BT Fuzes(Ordnance)+
NT Time delay fuzes

Time interval counters
RT Time intervals
BT Chronometers+
Counters

Time intervals
RT Time interval counters
BT Time
NT Access time
Dead time
Delay
Downtime
Dwell time
Lead time
Reaction time+
Relaxation time
Travel time

Time lag theory
BT Mathematics

Time series analysis
RT Scheduling
BT Time

Time sharing
RT Access time
BT Sharing

Time signals
RT Timing devices
BT Signals

Time standards
RT Frequency standards
BT Standards

Time studies
RT Timeliness
BT Time

Time switches
RT Timing circuits
BT Electric switches+

Time to pulse height converters
BT Radiation measuring instruments+

Timeliness
RT Time studies
BT Reaction time+

Time-like variables
use Partial differential equations

Timing circuits
RT Time switches
BT Circuits+

Timing devices
RT Setting(Adjusting)
Time signals
NT Atomic clocks
Chronometers+
Clocks+
Intervalometers
Pendulums

Timoshenko beam
BT Beams(Structural)+

Tin
RT Tin alloys
Tin coatings
Tin compounds
BT Metals+

Tin alloys
RT Tin
Tin compounds
BT Alloys

Tin coatings
RT Tin
BT Metal coatings+

Tin compounds
RT Tin
Tin alloys
BT Group IV compounds+
NT Lead tin tellurides
Stannates
Stannides

Tire chains
RT Tires
BT Chains
Vehicle equipment+

Tire tube patches
RT Tire tubes
BT Vehicle equipment+

Tire tubes
RT Tire tube patches
Tires
BT Tubes
Vehicle equipment+
NT Inner tubes

Tires
RT Blowouts
Tire chains
Tire tubes
Treads
BT Vehicle chassis components+
NT Aircraft tires
Radial tires

Tissue banks
UF Biological tissue storage
RT Surgical transplantation
BT Genetic tissue identification+
Tissues(Biology)

Tissue culture
RT Tissue culture cells
Tissues(Biology)
BT Cultures(Biology)+
NT Embryonated egg technique

Tissue culture cells
RT Tissue culture
BT Cells(Biology)+

Tissue extracts
UFC Adrenal cortical extract
Bone marrow extract
Liver extract
Pituitary extract
Spleen extract
Thyroid extract
RT Tissues(Biology)
BT Biological extracts

Tissue fluids
RT Tissues(Biology)
BT Body fluids+

Tissue immunity
BT Immunity+

Tissues(Biology)
RT Fibrosis
Tissue culture
Tissue extracts
Tissue fluids
NT Artificial tissue
Cilia
Connective tissue+
Endothelium
Epithelium
Eschar
Membranes(Biology)+
Muscles+
Nails(Tissues)+
Nerves+
Plant tissue+
Reticuloendothelial system+
Scars
Soft tissues
Subcutaneous tissue
Tissue banks

Titanates
BT Titanium compounds+
NT Barium titanates+
Bismuth titanate
Hafnium titanate
Lead titanates+

Titanium
RT Titanium alloys
Titanium compounds
BT Transition metals+

Titanium alloys
RT Titanium
Titanium compounds
BT Alloys

Titanium aluminide
(1-DEC-1984)
Intermetallic compound of titanium and aluminum. It melts at 2,660F and its crystal structure is tetragonal.
BT Aluminides+
Intermetallic compounds+
Titanium compounds+

Titanium boride
BT Borides+
Titanium compounds+

Titanium compounds
RT Titanium
Titanium alloys
BT Group IV compounds+
NT Titanates+
Titanium aluminide
Titanium boride
Titanium oxides+

Titanium dioxide
RT Paints
White(Color)
BT Dioxides+
Titanium oxides+
NT Rutile

Titanium oxides
BT Oxides+
Titanium compounds+
NT Titanium dioxide+

Titration
(1-NOV-1980)
The volumetric determination of a constituent in a known volume of solution by the addition of a standard reacting solution of known strength until reaction is completed.
UF Titrimetry
BT Volumetric analysis+
NT Potentiometric analysis

Titrimetry
use Titration

TNT
UF Trinitrotoluene
RT Torpex
BT Nitrotoluenes+
Tritonal explosives+

Toads
use Amphibians

Toasters
BT Cooking devices+

Tobacco
use Tobacco plants

Tobacco mosaic virus
BT Viruses+

Tobacco plants
UF Tobacco

Tobacco smoking
UF Smoking(Tobacco)
RT Emphysema

Tocopherols
use Vitamin E

Todd genus
use Algebraic geometry

Toes
use Feet

Toggle joints
BT Joints

Toggle switches
BT Electric switches+

Toilet articles
UF Cosmetics
Deodorants

Toilet facilities
UF Latrines
Urinals

Tokamaks
BT Controlled nuclear fusion+
Nuclear reactors
Plasma devices+

Tolerance
NT Tolerances(Mechanics)+
Tolerances(Physiology)+

Tolerances(Mechanics)
RT Acceptability
Accuracy
BT Tolerance
NT Clearances
Tightness

Tolerances(Physiology)
UF Resistance(Physiology)
RT Acclimatization
Resistance(Biology)
BT Physiology
Tolerance
NT Acceleration tolerance
Cold tolerance
Drug tolerance
Heat tolerance
Radiation tolerance
Toxic tolerances

Toluenes
BT Aromatic hydrocarbons+
NT Nitrotoluenes+

Toluidines
BT Anilines+

Tomatoes
use Fruits

Tombigbee River
BT Rivers+

Tomography
RT Radiography
BT X rays+
NT Acoustic tomography
Computerized tomography
Positron emission tomography

Tone arms
BT Phonographs+

Toners
BT Organic pigments+
Photographic chemicals+

Tongue
BT Mouth+
Sense organs+

Tongue of the Ocean
BT North Atlantic Ocean+

Tonkin Gulf
RT Vietnam
BT Gulfs+
South China Sea+

Tonsillitis
RT Tonsils
BT Oral diseases+

Tonsils
RT Tonsillitis
BT Mouth+

Tool chucks
BT Clamps+

Tool kits
RT Tools
BT Kits

Tool steel
BT Steel+

Tooling
(1-OCT-1996)
Process of preparing a generic processor to perform a specific function, such as setting up an assembly line to build a particular model of automobile.
BT Production engineering+

Tools
RT Maintenance equipment
Tool kits

Tools (cont.)
NT Augers
Cutting tools+
Drills+
Grinding wheels+
Lathe tools
Machine tools+
Manipulators
Ordnance disposal tools
Power tools
Reamers
Scrapers
Sharpeners
Shovels
Small tools+
Space tools
Underwater tools

Topographic cameras
UF Horizon cameras
BT Aerial cameras+

Topographic maps
RT Topography
BT Maps

Topography
RT Landforms
Topographic maps
NT Cliffs
Continental shelves
Continental slopes
Extraterrestrial topography+
Land areas+
Ocean bottom topography+
Plateaus
Reefs+
Terrain+
Waterways+

Topological configurations
use Topology

Topology
UF Dynamical systems(Transformations)
Homeomorphisms
Mobs(Mathematics)
Paracompact spaces
Peano curve
Sterplinski curve
Topological configurations
Torus action on euclidean space
Trees(Mathematics)
RT Network topology
BT Geometry+
NT Algebraic topology
Differential topology
Point theorem

Torches
UFC Cutting torches
BT Small tools+

Tornadoes
BT Storms+

Toroids
BT Geometric forms

Torpedo attack
UF Torpedo tossing
RT Torpedo damage
BT Attack

Torpedo components
BT Torpedoes+
NT Torpedo exploders
Torpedo motors+
Torpedo propellants
Torpedo warheads

Torpedo countermeasures
BT Countermeasures+

Torpedo damage
RT Torpedo attack
BT Damage

Torpedo data computers
BT Fire control computers+

Torpedo detection
RT Explosives detection
BT Detection

Torpedo exploder impellers
use all Arming devices
Torpedo exploders

Torpedo exploders
UFC Torpedo exploder impellers
BT Exploders+
Torpedo components+

Torpedo launchers
BT Launchers
Projectors(Ordnance)+

Torpedo models
RT Torpedoes
BT Models

Torpedo motors
RT Torpedo propellants
BT Motors
Torpedo components+
NT Torpedo turbines

Torpedo noise
RT Underwater sound
BT Noise(Sound)+

Torpedo propellants
RT Torpedo motors
BT Propellants
Torpedo components+

Torpedo targets
(1-DEC-1984)
Mobile targets at which a real or simulated torpedo attack is directed.
BT Targets

Torpedo tossing
use Torpedo attack

Torpedo trajectories
BT Underwater trajectories+

Torpedo tubes
BT Tubes

Torpedo turbines
BT Torpedo motors+
Turbines+

Torpedo warheads
BT Torpedo components+
Warheads+

Torpedoes
RT Torpedo models
BT Antiship ammunition+
NT Acoustic torpedoes
Aircraft torpedoes
Antitorpedo torpedoes
Homing torpedoes
Quiet torpedoes
Torpedo components+

Torpex
RT TNT
BT Explosives

Torque
RT Torque converters
Torque couplings
BT Moments

Torque converters
RT Torque
BT Converters

Torque couplings
RT Torque
BT Couplings+

Torsiographs
use Torsion meters

Torsion
RT Torsion meters
BT Stresses+

Torsion bars
RT Leaf springs
BT Suspension devices+
Vehicle chassis components+

Torsion meters
UF Torsiographs
RT Torsion
BT Measuring instruments+

Torus action on euclidean space
use Topology

Toss bombing
UF Bomb tossing
BT Bombing+

Total quality management
(1-OCT-1992)
BT Management
Quality control+

Touch
BT Senses(Physiology)+

Toughness
UFC Impact toughness
RT Wear resistance
BT Mechanical properties+

Tourmaline
BT Gems(Minerals)+
Igneous rock+

Tow bars
RT Towing
BT Vehicle equipment+

Towed aircraft
(1-SEP-1981)
Aircraft that is being towed.
RT Towing aircraft
BT Aircraft

Towed arrays
BT Arrays
Towed bodies

Towed bodies
UFC Towed floats
NT Towed arrays
Towed sonar+
Towed vehicles+

Towed floats
use all Floats
Towed bodies

Towed mines
BT Naval mines+

Towed sonar
BT Sonar
Towed bodies
NT Variable depth sonar

Towed targets
BT Targets

Towed vehicles
BT Towed bodies
Vehicles
NT Railroad cars+
Trailers+

Towels
BT Absorbers(Materials)+

Tower theorem
use Groups(Mathematics)

Towers
NT Radio towers

Towing
RT Tow bars
Trailers

Towing aircraft
(1-SEP-1981)
The aircraft that does the towing.
RT Towed aircraft
BT Aircraft
Towing vehicles+

Towing cables
BT Mechanical cables+

Towing vehicles
RT Tugboats
BT Vehicles
NT Locomotives
Towing aircraft
Tractors+

Toxemia
BT Blood diseases+
Toxic diseases+
NT Endotoxemia
Uremia

Toxic agent alarms
RT Gas detectors
Toxic agents
BT Detectors
Warning systems+

Toxic agents
RT Lethality
Toxic agent alarms
BT Chemical agents

Toxic diseases
(1-MAY-1983)
Diseases relating to a harmful effect by poisonous substance on the human body by physical contact, ingestion or inhilation.
BT Diseases
NT Botulism
Carbon monoxide poisoning
Food poisoning+
Metal poisoning
Tetanus
Toxic diseases (cont.)
Toxemia+

Toxic hazards
RT Hazardous wastes
BT Hazards

Toxic tolerances
UF Atropine tolerance
RT Toxicology
BT Tolerances(Physiology)+

Toxicity
RT Detoxification
Toxins and antitoxins
NT Immunotoxicity
Lethality+
Phytotoxicity

Toxicologists
RT Toxicology
BT Medical personnel+

Toxicology
RT Intoxication
Toxic tolerances
Toxicologists
BT Pharmacology

Toxins and antitoxins
UF Antitoxins
RT Toxicity
NT Anaphylatoxins
Bacterial toxins
Biocides+
Cytotoxins+
Endotoxins
Enterotoxins
Exotoxins
Mycotoxins
Neurotoxins
Phytotoxins+

Toxoids
use Vaccines

Toxoplasma
UF Toxoplasmosis
BT Sporozoa+

Toxoplasmosis
use Toxoplasma

Trace elements
BT Chemical elements

Trace gases
BT Gases+

Tracer ammunition
BT Ammunition+

Tracer studies
BT Laboratory procedures+
NT Labeled substances+

Tracers(Labeled substances)
use Labeled substances

Trachea
RT Larynx
Tracheotomy
BT Respiratory system+

Tracheotomy
RT Trachea
BT Surgery+

Trachoma
RT Chlamydia trachomatis
BT Eye diseases+
Infectious diseases+

Track while scan
BT Scanning
Tracking

Tracked vehicles
UF Half-tracks
RT Roadwheels
Vehicle tracks
BT Ground vehicles+
NT Tanks(Combat vehicles)

Tracking
UFC Doppler tracking systems
RT Ray tracing
Tracking cameras
NT Acoustic tracking
Automatic tracking
Guided missile tracking systems
Hurricane tracking
Optical tracking+
Radar tracking
Satellite tracking systems
Track while scan
Underwater tracking

Tracking cameras
RT Tracking
BT Cameras+

Tracking stations
BT Stations+

Tracking telescopes
BT Telescopes+
NT Heliostats

Tracks
NT Railroad tracks
Tracks(Aerodynamics)
Vehicle tracks

Tracks(Aerodynamics)
Installations primarily for testing aerodynamic configurations at controlled velocities.
BT Test facilities+
Tracks

Tracks(Railroad)
use Railroad tracks

Tractable
BT Physical metallurgy+

Traction
RT Adhesion
BT Friction
NT Hydroplaning

Tractor engines
RT Tractors
BT Engines

Tractors
RT Tractor engines
BT Towing vehicles+
NT Aircraft tractors
Bulldozers

Tracts
use Sites

Trade
use Commerce

Trade off analysis
(1-MAY-1981)

Trade unions
use Labor unions

Tradescantia
use Plants(Botany)

Traffic
RT Highways
NT Air traffic
Ground traffic+
Water traffic+

Traffic accidents
use Motor vehicle accidents

Trafficability
The ability of substances, such as snow and soil to support traffic, including taxiing aircraft, moving vehicles, and personnel.
BT Mechanical properties+

Trailers
UFC Radar trailers
RT Towing
BT Towed vehicles+
NT Semitrailers

Trailing control surfaces
BT Aerodynamic control surfaces+
NT Ailerons
Elevators
Elevons
Trim tabs

Trailing edges
BT Edges

Trailing vortices
BT Vortices+

Trailing wire antennas
BT Antennas

Trainees
RT Training
BT Personnel

Training
RT Trainees
Training devices
Training management
BT Education+
NT Adaptive training
Flight training
Individualized training
Industrial training+
Job training
Leadership training
Management training
Military training+
Retraining
Teaching methods+

Training aids
use Training devices

Training aircraft
(1-MAY-1981)
UFC Scout trainers
RT Flight training
BT Aircraft
NT Jet training aircraft

Training ammunition
UFC Practice mines
Practice projectiles
Practice rockets
BT Ammunition+
NT Practice bombs

Training devices
UF Training aids
RT Training
Visual aids
BT Teaching methods+
NT Flight simulators
Gunnery trainers
Radar trainers
Teaching machines
Training films

Training films
BT Motion pictures+
Training devices+

Training gear
Mechanisms used to bring weapons to bear on targets.
BT Gun components+

Training gear (cont.)
Gun directors+

Training management
(1-JUN-1989)
Management of training programs including the selection of courses, course materials, training methods, equipment, sites, instructors, etc.
RT Training
BT Management

Trains(Explosive)
use Explosive trains

Trajectories
BT Paths
NT Air to air
Ascent trajectories+
Ballistic trajectories+
Bomb trajectories
Circumlunar trajectories
Descent trajectories+
Flat trajectories+
Free flight trajectories
Guided missile trajectories
Intercept trajectories
Midcourse trajectories
Orbits+
Projectile trajectories
Rendezvous trajectories
Rocket trajectories
Spacecraft trajectories+
Suborbital trajectories
Transfer trajectories
Underwater trajectories+

Trajectories(Particles)
use Particle trajectories

Trajectory cameras
use Ballistic cameras

Tramways
use Conveyors

Tranquilizers
UF Ataraxics
Meprobamate
Psycholeptic agents
Tranquilizing drugs
BT Hypnotics and sedatives+
Psychotropic agents+
NT Diazepam
Methaqualone
Oxazepam

Tranquilizing drugs
use Tranquilizers

Transatlantic flights
BT Flight

Transcendental functions
BT Functions(Mathematics)+

Transconductance
RT Electron tubes

Transcription(Genetics)
(1-JUL-1999)
RT Genetics
BT Molecular biology+

Transdermal absorption
(1-OCT-1992)
Absorption through the skin.
BT Biological absorption+

Transducers
NT Broadband transducers
Electroacoustic transducers+
Piezoelectric transducers+
Pressure transducers
Sonar transducers

Transfection
(1-OCT-1997)
Infection of a cell by viral DNA or viral RNA.
BT Pathology+

Transfer
NT Charge transfer
Electron transfer
Energy transfer
Information transfer+
Mass transfer
Propellant transfer
Radiative transfer
Technology transfer+

Transfer functions
BT Functions(Mathematics)+

Transfer of training
RT Technology transfer
BT Learning+

Transfer switches
BT Electric switches+

Transfer trajectories
UF Hohmann transfer ellipse
BT Trajectories+

Transfer trays
use Conveyors

Transferases
BT Enzymes
NT Alkyl transferases
Aminotransferases
Choline acetyltransferase
Phosphorus transferases+

Transformational grammars
BT Grammars+

Transformations
NT Phase transformations+

Transformations(Mathematics)
UF Baecklund transformations
BT Mathematics
NT Integral transforms+
Mapping(Transformations)

Transformers
UFC Audiofrequency transformers
Intermediate frequency transformers
RT Electric reactors
NT Autotransformers
Filament transformers
Phase transformers
Power transformers
Pulse transformers
Stepdown transformers

Transfusions
use Blood transfusion

Transient radiation effects
BT Radiation damage+

Transients
Instantaneous surges of current or voltage produced by changes from one steady-state condition to another.

Transistor amplifiers
RT Transistors
BT Amplifiers
Semiconductor devices+

Transistor transistor logic
RT Transistors
BT Logic circuits+

Transistors
RT Transistor amplifiers
Transistor transistor logic
BT Semiconductor devices+
NT Bases(Transistors)
Bipolar transistors
Field effect transistors+
Junction transistors+
Phototransistors

Transition elements
use Transition metals

Transition flight
(1-JUN-1989)
Critical conversional flight stage between vertical and horizontal flight for VTOL aircraft.
BT Flight

Transition metal compounds
RT Transition metals
BT Chemical compounds

Transition metals
UF Transition elements
RT Transition metal compounds
BT Metals+
NT Cadmium
Chromium
Cobalt
Copper
Hafnium
Iron
Manganese
Molybdenum
Nickel
Niobium
Precious metals+
Rhenium
Tantalum
Technetium
Titanium
Tungsten
Vanadium
Yttrium
Zinc
Zirconium

Transition temperature
RT Phase transformations
BT Temperature
NT Glass transition temperature

Transitions
RT Phase transformations
NT Ductile brittle transition
Electron transitions+

Translations
RT Translators
BT Documents

Translators
RT Translations
BT Personnel
NT Interpreters

Translocation
BT Position(Location)

Transmeridian flights
RT Jet lag
BT Flight

Transmission(Waves)
use Wave propagation

Transmission fluids
RT Transmissions(Mechanical)
BT Fluids

Transmission gears
RT Transmissions(Mechanical)
BT Gears+

Transmission lines
RT Antenna feeds
Electric conductors
Trunks(Communications)
NT Bus conductors
Electric cables+
Fiber optics transmission lines
Pulse cables
Radiofrequency cables
Strip transmission lines
Telephone lines
Waveguides+

Transmission loss
RT Fading(Electromagnetic waves)
Insertion loss
BT Attenuation+

Transmissions(Mechanical)
UF Gearboxes
RT Transmission fluids
Transmission gears
BT Vehicle chassis components+
NT Automatic transmissions

Transmissivity
RT Transmittance
BT Optical properties+

Transmissometers
RT Transmittance
BT Measuring instruments+

Transmit receive tubes
RT Transmitter receivers
BT Discharge tubes+
NT Diplexers
Duplexers+

Transmittance
RT Transmissivity
Transmissometers
BT Optical properties+

Transmitter receivers
RT Transmit receive tubes
BT Radio receivers+
Radio transmitters+
NT Transponders
Walkie talkies

Transmitter substance
use Neurotransmitters

Transmitters
RT Transmitting
NT Infrared transmitters
Interrogator transmitters
Pulse transmitters
Radar transmitters
Radio transmitters+
Repeaters+
Telemetering transmitters
Television transmitters

Transmitting
RT Transmitters

Transonic aircraft
RT Transonic flight
BT Aircraft

Transonic airfoils
BT Airfoils

Transonic characteristics
BT Aerodynamic characteristics+

Transonic flight
RT Transonic aircraft
BT Flight

Transonic flow
BT Gas flow+

Transonic nozzles
BT Nozzles

Transonic wind tunnels
BT Wind tunnels+

Transparence
RT Transparencies
Transparent panels
BT Optical properties+
NT Semitransparence

Transparencies
RT Transparence
BT Photographic film+

Transparent panels
RT Transparence
BT Panels

Transpiration
RT Exudation
NT Evapotranspiration

Transpiration cooling
use Sweat cooling

Transplantation
RT Implantation
NT Surgical transplantation+

Transponders
Radio devices that receive interrogating or challenging signals and automatically transmit responses on the same or different frequencies.
BT Transmitter receivers+

Transport
NT Electron transport
Magnetic tape transport
Sediment transport

Transport aircraft
UFC Transport gliders
BT Aircraft
NT Jet transport aircraft+
Passenger aircraft

Transport equation
use Boltzmann equation

Transport gliders
use all Gliders
Transport aircraft

Transport properties
The basic theory common to diffusion, heat transfer, mass transfer, molecular collisions, etc.
RT Boltzmann equation
BT Physical properties
NT Carrier mobility
Diffusion coefficient
Electron mobility
Photoconductivity
Seebeck effect
Thermal conductivity
Viscosity+

Transport ships
UF Transports
RT Merchant vessels
BT Naval vessels(Support)+

Transport theory
use Integral equations

Transport vehicles
use Cargo vehicles

Transportable
RT Portable equipment
BT Mobility

Transportation
RT Vans
NT Air transportation+
Land transportation+
Marine transportation+
Mass transportation
Military transportation
National transportation system
Rail transportation+
Space transportation+

Transporter erectors
BT Ground support equipment

Transports
use Transport ships

Transuranium compounds
RT Transuranium elements
BT Actinide series compounds+
NT Americium compounds
Berkelium compounds
Californium compounds

Transuranium compounds (cont.)
Curium compounds
Einsteinium compounds
Fermium compounds
Lawrencium compounds
Mendelevium compounds
Neptunium compounds
Nobelium compounds
Plutonium compounds+

Transuranium elements
RT Actinide series
Transuranium compounds
BT Metals+
NT Americium
Berkelium
Californium
Curium
Einsteinium
Fermium
Lawrencium
Mendelevium
Neptunium
Nobelium
Plutonium

Transverse
BT Orientation(Direction)

Transverse waves
BT Waves
NT Gamma rays+
Secondary waves

Transversely excited atmospheric lasers
use TEA lasers

Trap rock
use Basalt

Trapatt devices
BT Semiconductor diodes+

Trapping(Charged particles)
BT Charged particles

Traps
RT Separators
NT Booby traps
Steam traps

Trasentine
use Antispasmodic agents

Trauma
UFC Muscular trauma
BT Wounds and injuries
NT Bullet wounds
Concussion
Crash injuries
Traumatic shock

Traumatic shock
RT Concussion
BT Shock(Pathology)+
Trauma+

Travel

Travel time
BT Time intervals+

Traveling wave electron accelerators
RT Traveling wave tubes
BT Electron accelerators+

Traveling wave tubes
RT Traveling wave electron accelerators
Traveling waves
BT Microwave tubes+
NT Backward wave tubes
Carcinotrons

Traveling waves
RT Traveling wave tubes
BT Waves

Traversing mechanisms
BT Gun components+

Trays
BT Containers

Treadmills
RT Exercise(Physiology)

Treads
RT Tires
BT Surfaces

Treaties
BT Agreements

Tree canopy
RT Trees
BT Canopies
Foliage+

Tree ring analysis

Trees
RT Silviculture
Tree canopy
Wood
BT Plants(Botany)+
NT Cacao+

Trees(Mathematics)
use Topology

Trehalose
BT Disaccharides+

Trematodes
BT Platyhelminthes+
NT Schistosoma+

Tremors
RT Earthquakes

Trenches
(1-SEP-1981)
A long, narrow excavation, or a topographic feature resembling one.
RT Ditches
Trenching
NT Submarine trenches

Trenching
RT Trenches
BT Excavation

Treponema
BT Treponemataceae+
NT Treponema pallidum

Treponema pallidum
BT Treponema+

Treponemataceae
BT Spirochaetales+
NT Borrelia+
Leptospira+
Treponema+

Trestles
BT Bridges

Triacetin
BT Acetates

Triamcinolone
use Corticosteroid agents

Triangles
BT Polygons+

Triangular wings
use Delta wings

Triangulation

Triatoma
use Hemiptera

Triaxial stresses
BT Stresses+

Triazines
BT Azines+
Heterocyclic compounds+

Triboelectricity
BT Electricity

Tribology
(1-SEP-1981)
The science of interacting surfaces in relative motion; in particular, lubrication.
RT Friction
Lubrication

Tributyl tin
(1-OCT-1998)
Common antifouling coating component.
RT Antifouling coatings
BT Organometallic compounds+

Trichinella
UF Trichinosis
BT Nematoda+

Trichinosis
use Trichinella

Trichloroethanes
BT Chloroethanes+

Trichloroethylene
BT Ethylene+

Trichlorosilane
BT Chlorosilanes+

Trichuris
BT Nematoda+

Tricomi equation
use Partial differential equations

Triethylaluminum
BT Aluminum compounds+
Organometallic compounds+

Trigeminal nerve
use Nerves

Trigger circuits
RT Gates(Circuits)
BT Circuits+

Trigonometry
BT Mathematics

Trim(Aerodynamics)
(1-SEP-1981)
The orientation of an aircraft relative to the airstream, as indicated by the amount of control pressure required to maintain a given flight performance.
RT Trim(Hydrodynamics)
Trim angle
BT Aerodynamic stability+

Trim(Hydrodynamics)
(1-SEP-1981)
The attitude of a submerged

Trim(Hydrodynamics) (cont.)
submarine with respect to neutral buoyancy and fore and aft balance. Also, the relation of the draft of a ship at the bow and stern.
RT Trim(Aerodynamics)
BT Hydrodynamic characteristics+

Trim angle
RT Trim(Aerodynamics)

Trim tabs
UF Aileron tabs
BT Trailing control surfaces+

Trimethylaluminum
BT Aluminum compounds+
Organometallic compounds+

Trinidad
BT Lesser Antilles+

Trinitrophenyltriaminoethyl nitrate
use Tetryl

Trinitrotoluene
use TNT

Triodes
UFC Cold cathode triodes
BT Electron tubes+

Triose phosphates
use Saccharide phosphates

Trip wires
RT Booby traps

Triple ejection racks
BT Bomb racks+

Tripods
BT Supports+

Trisaccharides
UF Cellotriose
BT Carbohydrates+

Tritiated compounds
BT Hydrogen compounds+
Tritium+

Triticum
use Wheat

Tritium
RT Tritons
BT Hydrogen+
Odd even nuclei+
Radioactive isotopes+
NT Tritiated compounds

Triton beams
RT Tritons
BT Particle beams+

Triton bombardment
BT Particle accelerator techniques+

Tritonal explosives
BT Explosives
NT TNT

Tritons
RT Tritium
Triton beams
BT Charged particles
Nuclear particles

Trombiculid mites
(1-SEP-1990)
Mites of the family Trombiculidea, cosmopolitan in distribution, whose parasitic larvae infest vertebrates. Also called chiggers.
UF Chiggers
BT Mites+

Trombiculidae
use Mites

Tropane alkaloids
UF Homatropine
Hyoscyamus
Solanaceous alkaloids
Stramonium
BT Alkaloids
NT Belladonna alkaloids+
Cocaine
Scopolamine

Tropical cyclones
BT Cyclones+
NT Hurricanes
Typhoons

Tropical deterioration
RT Thermal degradation
BT Deterioration+

Tropical diseases
RT Tropical medicine
BT Diseases
NT Cholera
Dengue
Tropical sprue
Typhus+

Tropical medicine
RT Tropical diseases
BT Medicine+

Tropical regions
RT Jungles
Laterites
BT Hot regions+

Tropical regions (cont.)
NT Equatorial regions

Tropical sprue
BT Malabsorption syndromes+
Tropical diseases+

Tropical tests
UF Jungle tests
BT Environmental tests+

Tropocollagen
BT Collagen+

Tropopause
The boundary between the troposphere and stratosphere, characterized by an abrupt change in the rate of decrease of temperature.
BT Troposphere+

Troposphere
The portion of the atmosphere from the surface of the earth to the tropopause.
BT Earth atmosphere+
NT Tropopause

Tropospheric scatter communications
BT Microwave communications+

Troubleshooting
(1-JUN-1989)
The act of skillfully discovering and resolving/eliminating disputes/problems involving people/equipment.
BT Maintenance

Troughs
NT Ditches

Trout
BT Fishes+

Truck convoys
RT Trucks
BT Army operations+

Trucks
RT Automotive vehicles
Semitrailers
Truck convoys
BT Cargo vehicles+
NT Bomb trucks
Dump trucks
Fuel trucks
Vans

Truncation
BT Approximation(Mathematics)+

Trunks(Communications)
RT Transmission lines
BT Communication equipment

Trusses
RT Arches
BT Structural components+

Trypanocides
RT Trypanosoma
BT Chemotherapeutic agents+

Trypanosoma
UF Nagana
RT Chagas disease
Trypanocides
Trypanosomiasis
BT Zoomastigina+
NT Trypanosoma cruzi

Trypanosoma cruzi
BT Trypanosoma+

Trypanosomiasis
RT Trypanosoma
BT Parasitic diseases+
NT Chagas disease

Trypsin
BT Peptide hydrolases+

Trypsinogen
use Enzyme precursors

Tryptophan
BT Amino acids+

Tsunamis
(1-OCT-1991)
BT Earthquakes+

Tsutsugamushi disease
use Scrub typhus

Tube grids
BT Electrodes
Electron tube components+

Tube heaters
use Electron tube heaters

Tube launched
RT Launch tubes
BT Launching

Tubercule bacilli
use Mycobacterium tuberculosis

Tuberculin
RT Tuberculosis
BT Antibiotics+

Tuberculosis
RT Antitubercular agents
Mycobacterium tuberculosis

Tuberculosis (cont.)
Tuberculin
BT Bacterial diseases+

Tubes
RT Ducts
Hoses
Pipes
Stuffing tubes
Tubular structures
NT Blast tubes+
Boiler tubes
Capillary tubes
Condenser tubes
Hilsch tubes
Pitot tubes
Shock tubes+
Stern tubes(Propulsion)
Tire tubes+
Torpedo tubes
Venturi tubes

Tubocurarines
use Curare alkaloids

Tubular structures
RT Tubes
BT Structures

Tuff
BT Rock+
Volcanoes+

Tugboats
UF Ocean-going tugs
Tugs
RT Towing vehicles
BT Boats

Tugs
use Tugboats

Tularemia
RT Franciscella tularensis
BT Bacterial diseases+

Tularemia vaccine
use all Franciscella tularensis Vaccines

Tumbling
Violent or uncontrolled motion, as of an object in flight.
BT Angular motion+

Tumors
use Neoplasms

Tuna
BT Fishes+

Tunable lasers
BT Lasers+

Tundra
RT Arctic regions
BT Soils

Tuned amplifiers
RT Tuned circuits
BT Amplifiers

Tuned circuits
RT Tuned amplifiers
BT Circuits+
NT Parametrons
Tuned filters

Tuned filters
(1-JUL-00)
BT Electric filters+
Tuned circuits+

Tungstates
BT Tungsten compounds+

Tungsten
RT Tungsten alloys
Tungsten compounds
BT Refractory metals+
Transition metals+

Tungsten alloys
RT Tungsten
Tungsten compounds
BT Refractory metal alloys+

Tungsten carbides
BT Carbides+
Tungsten compounds+

Tungsten compounds
RT Tungsten
Tungsten alloys
BT Group VI compounds+
NT Tungstates
Tungsten carbides
Tungsten oxides

Tungsten inert gas welding
use Gas tungsten arc welding

Tungsten oxides
BT Oxides+
Tungsten compounds+

Tuning
RT Detuning
BT Frequency response+

Tuning devices
UFC Radar tuning devices
Radio tuning devices
Television tuning circuits
RT Tuning forks
NT Channel selectors

Tuning forks
RT Tuning devices
BT Resonators
Sound generators+

Tunisia
BT North Africa+

Tunnel diodes
UF Esaki diodes
RT Tunneling(Electronics)
BT Semiconductor diodes+

Tunneling
RT Tunnels
BT Civil engineering+
Excavation

Tunneling(Electronics)
RT Tunnel diodes
BT Electronics

Tunnels
RT Tunneling
NT Railroad tunnels
Water tunnels

Tunnels(Aerodynamic testing)
use Wind tunnels

Turbidimeters
RT Turbidity
BT Measuring instruments+

Turbidity
RT Turbidimeters
Turbidity currents
BT Optical properties+

Turbidity currents
RT Turbidity
BT Currents
Water flow+

Turbine blades
UF Turbine buckets
BT Rotor blades(Turbomachinery)+
Turbine components+
NT Gas turbine blades
Steam turbine blades

Turbine buckets
use Turbine blades

Turbine components
(1-DEC-1984)
UF Turbine parts
RT Gas turbines
BT Turbines+
NT Axial flow turbine rotors
Gas turbine nozzles
Gas turbine regenerators
Swirler vanes
Turbine blades+
Turbine stators
Turbine components (cont.)
Turbine wheels+

Turbine parts
use Turbine components

Turbine stators
BT Stators+
Turbine components+

Turbine wheels
BT Rotors
Turbine components+
Wheels
NT Gas turbine rotors

Turbines
BT Turbomachinery
NT Axial flow turbines
Gas turbines
Ship turbines
Steam turbines
Torpedo turbines
Turbine components+

Turbochargers
BT Superchargers+
NT Turbosuperchargers

Turbofan engines
BT Turbojet engines+
NT High bypass turbofans
Low bypass turbofans
Variable bypass turbofans

Turbogenerators
RT Turbomachinery
BT Electric generators+

Turbojet engines
UF Fanjets
BT Jet engines+
NT Hydroturbojet engines
Turbofan engines+
Turboprop engines
Turboramjet engines
Turboshaft engines
Variable cycle engines

Turbojet exhaust nozzles
BT Exhaust nozzles+

Turbojet inlet screens
RT Turbojet inlets
BT Engine air systems components+

Turbojet inlets
RT Turbojet inlet screens
BT Jet engine inlets+

Turbomachinery
RT Rotor blades(Turbomachinery)
Turbogenerators
NT Turbines+

Turboprop engines
BT Turbojet engines+

Turboprop exhaust nozzles
BT Exhaust nozzles+

Turbopumps
BT Pumps

Turboramjet engines
BT Ramjet engines+
Turbojet engines+

Turboshaft engines
BT Helicopter engines+
Turbojet engines+

Turbosuperchargers
UF Exhaust gas turbines
BT Turbochargers+

Turbulence
RT Atmospheric motion
Boundary layer transition
Slipstream
Turbulent diffusion
BT Fluid dynamics+
NT Clear air turbulence

Turbulent boundary layer
BT Boundary layer+

Turbulent diffusion
RT Turbulence
BT Diffusion

Turbulent flow
RT Supercritical flow
BT Fluid flow+

Turf
use Grasses

Turkey
BT Middle East+

Turkeys
BT Poultry+

Turkmenistan
(1-OCT-1994)
BT CIS+
Southwest Asia+

Turn and bank indicators
use Attitude indicators

Turning(Maneuvering)
(1-SEP-1981)
The place or point of a change in direction; the deviation from the way or proper course.
RT Turning flight
BT Maneuvers+

Turning flight
UF Banking flight
RT Attitude indicators
Turning(Maneuvering)
BT Flight maneuvers+

Turntables
RT Rotation
BT Phonographs+

Turtles
BT Reptiles+

Twilight
BT Daylight+
Low light levels+

Twinning(Crystallography)
RT Crystal growth
BT Crystallography

Twist(Aerodynamics)
RT Twist(Motion)
BT Aeroelasticity+

Twist(Motion)
RT Twist(Aerodynamics)
Winding
BT Angular motion+

Two dimensional
RT Three dimensional
NT Two dimensional flow+

Two dimensional flow
BT Flow
Two dimensional
NT Couette flow

Two phase flow
BT Multiphase flow+

Two photon absorption
BT Absorption+

Two way transmission
BT Telecommunications+

Tympanic cavity
use Ear

Typewriters
RT Keyboards
BT Office equipment and supplies
NT Teletypewriters

Typhoid
RT Salmonella typhi
BT Bacterial diseases+
Gastrointestinal diseases+

Typhoons
BT Storms+
Tropical cyclones+

Typhus
RT Typhus rickettsiae
BT Infectious diseases+
Tropical diseases+
NT Scrub typhus

Typhus fever
use Typhus rickettsiae

Typhus rickettsiae
UF Typhus fever
UFC Typhus vaccine
RT Typhus
BT Rickettsia+
NT Rickettsia prowazekii
Rickettsia typhi

Typhus vaccine
use all Typhus rickettsiae
Vaccines

Typography
BT Printing

Tyrosinase
use Oxidoreductases

Tyrosine
BT Amino acids+

Tyrosine derivatives(Iodinated)
use Thyroxine

Tyrrhenian Sea
BT Mediterranean Sea+

U

Udder
use Mammary glands

UFO
use Unidentified flying objects

Uganda
(1-OCT-1997)
BT Subsaharan Africa+

Ukraine
(1-OCT-1994)
BT CIS+
Eastern Europe+

Ulcers
UFC Peptic ulcers
RT Lesions
NT Chancroid

Ullage
(1-NOV-1980)
The free air space within the

Ullage (cont.)
loaded propelling charge containers, is dependent upon the empty volume of the packaging container, and the volume required for the propellant, igniter, flash reducer, and packaging materials.
RT Fuel tanks
BT Air space

Ulnar nerve
RT Arms(Anatomy)
BT Peripheral nervous system+

Ultracentrifuges
BT Centrifuges+

Ultrafiltration
BT Filtration+

Ultrafines
BT Superfines+

Ultrahardness
(1-JAN-1998)
BT Hardness+

Ultrahigh frequency
300 to 3,000 MHz.
UFC Ultrahigh frequency filters
BT Microwave frequency+
NT B band
D band
E band
L band

Ultrahigh frequency filters
use all Radiofrequency filters
Ultrahigh frequency

Ultrahigh vacuum
BT Vacuum

Ultralow frequency
300 to 3,000 Hz.
BT Radiofrequency+

Ultrasonic cleaning
RT Ultrasonics
BT Cleaning

Ultrasonic frequencies
BT Frequency

Ultrasonic properties
RT Ultrasonics
BT Acoustic properties+

Ultrasonic radiation
UF Radiation(Ultrasonic)
UFC Ultrasonic spectrum analyzers
RT Sonograms
BT Acoustic waves+
Radiation
Ultrasonics+

Ultrasonic spectrum analyzers
use all Spectrum analyzers
Ultrasonic radiation

Ultrasonic sterilization
BT Sterilization

Ultrasonic tests
BT Test methods+

Ultrasonic welding
RT Ultrasonics
BT Pressure welding+

Ultrasonics
RT Ultrasonic cleaning
Ultrasonic properties
Ultrasonic welding
BT Sound+
NT Ultrasonic radiation

Ultraviolet communications
RT Infrared communications
BT Optical communications+

Ultraviolet detection
(1-DEC-1984)
Detection by ultra-violet radiation.
RT Infrared detection
Ultraviolet detectors
BT Detection

Ultraviolet detectors
RT Infrared detectors
Ultraviolet detection
BT Optical detectors+
Ultraviolet equipment+

Ultraviolet equipment
RT Infrared equipment
BT Optical equipment
NT Ultraviolet detectors
Ultraviolet filters
Ultraviolet lamps
Ultraviolet lasers
Ultraviolet receivers

Ultraviolet filters
RT Infrared filters
BT Optical filters+
Ultraviolet equipment+

Ultraviolet lamps
RT Infrared lamps
BT Lamps+
Ultraviolet equipment+

Ultraviolet lasers
UF UV lasers
RT Infrared lasers
BT Lasers+
Ultraviolet equipment+

Ultraviolet optical materials
RT Infrared optical materials
BT Optical materials+

Ultraviolet photography
(1-DEC-1984)
Photography in which the subject is illuminated with ultraviolet light and either the resulting fluorescence (in the fluorescent method) or the reflected ultraviolet light (in the reflected ultraviolet method) is detected by the camera.
RT Infrared photography
BT Photography

Ultraviolet radiation
RT Infrared radiation
BT Electromagnetic radiation+
Ionizing radiation+
Optical phenomena+
NT Far ultraviolet radiation+
Near ultraviolet radiation
Solar ultraviolet radiation

Ultraviolet receivers
RT Infrared receivers
BT Receivers
Ultraviolet equipment+

Ultraviolet signatures
(1-DEC-1984)
Characteristic pattern of the ultraviolet radiation of a target as displayed by detection equipment.
RT Infrared signatures
Ultraviolet spectra

Ultraviolet spectra
RT Infrared spectra
Ultraviolet signatures
BT Electromagnetic spectra+

Ultraviolet spectrometers
RT Infrared spectrometers
Ultraviolet spectrophotometers
BT Spectrometers+

Ultraviolet spectrophotometers
RT Infrared spectrophotometers
Ultraviolet spectrometers
BT Spectrophotometers+

Ultraviolet spectroscopy
UFC Ultraviolet spectrum analyzers
RT Infrared spectroscopy
BT Spectroscopy

Ultraviolet spectrum analyzers
use all Spectrum analyzers
Ultraviolet spectroscopy

Umbilical cords(Aerospace)
RT Tethering

Uncertainty
(1-SEP-1990)
The estimated amount by which an observed or calculated value may depart from the true value.

Unconventional nozzles
BT Nozzles

Unconventional warfare
Guerilla warfare, evasion and escape, and subversion.
BT Warfare
NT Counterinsurgency
Counterterrorism
Evasion
Guerrilla warfare+
Sabotage
Sectarian violence
Subversion+
Terrorism+

Unconventional weapons
BT Weapons+

Underbottom
RT Subsurface
BT Bottom+

Undercooling
use Supercooling

Underdeveloped areas
BT Geographic areas

Underground
RT Underground antennas
Underground explosions
Underground facilities
Underground structures
BT Subsurface
NT Vadose zone

Underground antennas
RT Underground
BT Antennas

Underground explosions
RT Underground
BT Explosions

Underground facilities
RT Underground
Underground structures
BT Facilities

Underground factories
use all Industrial plants
Underground structures

Underground structures
UFC Underground factories
RT Underground
Underground facilities
BT Structures
NT Basements

Underice
BT Ice

Undersea surveillance
RT Acoustic surveillance
BT Ocean surveillance+

Undersea warfare
BT Warfare
NT Antisubmarine warfare+

Underwater
BT Subsurface
NT Deep submergence
Semisubmerged

Underwater acoustics
UF Hydroacoustics
RT Acoustic waves
BT Elastic waves+

Underwater ballistics
BT Hydroballistics+

Underwater cables
(1-OCT-1991)
UF Submarine cables
BT Cables
Underwater equipment

Underwater cameras
BT Cameras+
Underwater equipment
Underwater photography+

Underwater clothing
BT Protective clothing+
NT Diving suits
Wet suits

Underwater communications
UFC Underwater television systems
RT Underwater telephones
BT Telecommunications+

Underwater construction
RT Underwater structures
BT Construction

Underwater cutting
RT Underwater tools
BT Cutting

Underwater demolition
RT Underwater demolition teams
BT Demolition

Underwater demolition teams
RT Underwater demolition
BT Military personnel+

Underwater direction finders
use all Direction finding
Underwater equipment

Underwater equipment
UFC Underwater direction finders
Underwater position indicators
RT Sonar equipment
NT Diver equipment+
Snorkels
Submarine equipment
Underwater cables
Underwater cameras
Underwater lights
Underwater sound equipment+
Underwater telephones
Underwater tools

Underwater explosions
RT Underwater mines
BT Explosions

Underwater life support systems
BT Life support systems

Underwater light
RT Underwater lights
BT Light+

Underwater lights
RT Underwater light
BT Lighting equipment+
Underwater equipment

Underwater mines
RT Underwater explosions
BT Naval mines+
Underwater ordnance+
NT Magnetic mines
Moored mines

Underwater navigation
RT Surface navigation
BT Navigation

Underwater object locators
RT Underwater objects
BT Detectors
Locators

Underwater objects
RT Underwater object locators

Underwater ordnance
BT Ordnance
NT Depth bombs
Depth charges+
Underwater mines+

Underwater photography
BT Photography
NT Underwater cameras

Underwater position indicators
use all Position finding
Underwater equipment

Underwater projectiles
RT Underwater trajectories
BT Projectiles+

Underwater propulsion
UFC Hydroduct propulsion
BT Marine propulsion+

Underwater rocket trajectories
use all Rocket trajectories
Underwater rockets

Underwater rockets
UFC Underwater rocket trajectories
BT Rockets

Underwater sound
RT Bottom bounce
Torpedo noise
BT Sound+
NT Underwater sound signals+

Underwater sound equipment
BT Acoustic equipment
Underwater equipment
NT Underwater sound generators+

Underwater sound generators
BT Sound generators+
Underwater sound equipment+
NT Sonar projectors+

Underwater sound signals
RT Underwater tracking
BT Acoustic signals+
Underwater sound+
NT Sonar signals+

Underwater structures
RT Underwater construction
BT Structures

Underwater targets
RT Sonar targets
BT Targets

Underwater telephones
RT Underwater communications
BT Telephone systems+
Underwater equipment

Underwater television systems
use all Television systems
Underwater communications

Underwater to air

Underwater to surface
RT Underwater to surface missiles

Underwater to surface missiles
RT Underwater to surface
BT Guided missiles

Underwater to underwater

Underwater to underwater missiles
BT Guided missiles

Underwater tools
RT Underwater cutting
BT Tools
Underwater equipment

Underwater tracking
RT Underwater sound signals
BT Tracking

Underwater trajectories
RT Underwater projectiles
BT Trajectories+
NT Torpedo trajectories

Underwater vehicles
UF Bathyvessels
BT Vehicles
NT Deep submergence vehicles+
Submersibles+

Underwear
BT Clothing

Unemployment
RT Employment
BT Manpower utilization+

Unexploded ammunition
BT Ammunition+

Unfurlable antennas
BT Antennas

Unguis
use Fingernails

Uniaxial loads
use Axial loads

Unicursal curves
use Polynomials

Unidentified flying objects
UF Flying saucers
UFO

Unidirectional
BT Orientation(Direction)

Uniforms
BT Clothing

Uninterruptable power generation
BT Electric power+

Union of South Africa
use South Africa

Union of Soviet Socialist Republics
use USSR

United Arab Emirates
(1-OCT-1991)
BT Arabia+

United Kingdom
(1-OCT-1996)
The union of England, Scotland, Wales, and Northern Ireland. Formerly indexed as Great Britain.
BT Atlantic Ocean Islands+
European communities+
Western Europe+

United Nations
BT Nations
Political science+

United States
BT North America+
NT Alabama
Alaska+
Arizona
Arkansas
California+
Colorado
Delaware
District of Columbia
Florida+
Georgia
Hawaii+
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maryland
Michigan
Minnesota
Mississippi
Missouri+
Montana
Nebraska
Nevada
New England+
New Jersey
New Mexico
New York+
North Carolina+
North Dakota+

United States (cont.)
Ohio
Oklahoma
Oregon
Pennsylvania
South Carolina
South Dakota
Tennessee
Texas
Utah
Virginia
Washington(State)
West Virginia
Wisconsin
Wyoming

United States Air Force Academy
(1-NOV-1980)
The service academy of the United States Air Force.
UF Air Force Academy
BT Schools+

United States Coast Guard Academy
(1-NOV-1980)
The service academy of the United States Coast Guard.
UF Coast Guard Academy
BT Schools+

United States government
RT Federal budgets
BT Democracy+
NT Congress+
Department of Defense
President(United States)

United States Military Academy
(1-NOV-1980)
The service academy of the United States Army authorized by act of congress 16 March 1802 and established at West Point, New York.
UF West Point Military Academy
BT Schools+

United States Naval Academy
(1-NOV-1980)
The service academy of the United States Navy founded at Annapolis, Maryland on 10 October 1845. Known as the Naval School until 1850.
UF Naval Academy
BT Schools+

Univalent functions
use Functions(Mathematics)

Univariate analysis
use Statistical analysis

Universal joints
BT Joints
Vehicle chassis components+

Universities
UF Colleges
UFC College students
BT Schools+

Unloading
BT Loading(Handling)+

Unmanned
RT Unmanned spacecraft

Unmanned spacecraft
RT Unmanned
BT Spacecraft

Unsaturated hydrocarbons
BT Hydrocarbons+
NT Alkenes+
Alkynes+
Aromatic hydrocarbons+

Unskilled personnel
BT Labor
Personnel

Unsteady aerodynamics
(1-APR-00)
BT Aerodynamics+
Unsteady flow+

Unsteady flow
(1-SEP-1981)
Fluid flow in which the properties of the fluid flow change with respect to time.
RT Nonequilibrium flow
Steady flow
BT Fluid flow+
NT Unsteady aerodynamics

Uplinks
(1-SEP-1981)
The radio or optical transmission path upward from the earth to a communication satellite, or from the earth to an aircraft. A radio communication link upward. The return path is a downlink.
RT Downlinks
BT Communications traffic+
Radio links+

Upper atmosphere
BT Earth atmosphere+
NT Exosphere
Ionosphere+
Mesopause
Mesosphere
Radiation belts+
Thermosphere

Upwelling
BT Convection

Uracils
BT Heterocyclic compounds+
Pyrimidines+

Uranates
BT Uranium compounds+

Uranium
UFC Uranium poisoning
RT Uranium alloys
Uranium compounds
BT Actinide series+
NT Depleted uranium

Uranium alloys
RT Uranium
Uranium compounds
BT Alloys

Uranium compounds
RT Uranium
Uranium alloys
Uranyl radicals
BT Actinide series compounds+
NT Uranates

Uranium poisoning
use all Metal poisoning
Uranium

Uranotaenia
BT Culicidae+

Uranus(Planet)
BT Outer planets+

Uranyl radicals
RT Uranium compounds
BT Chemical radicals+

Urban areas
UF Cities
RT Residential section
BT Geographic areas
NT Barrow(Alaska)
Berlin
Communities+
Fairbanks(Alaska)
Grand Forks
Los Angeles(California)
New York(New York)
Saint Louis(Missouri)

Urban planning
RT Residential section
BT Planning
Regional planning+

Urban warfare
(1-NOV-1980)
House-to-house and street combat and systematic reduction of

Urban warfare (cont.)
barricaded areas.
RT Civil disturbances
BT Land warfare+

Urea
RT Urease
BT Biochemistry+
NT Ethyl centralite
Thiourea
Ureides

Urea derivatives
use Ureides

Urease
RT Urea
BT Amide hydrolases+

Uredinales
use Rusts(Fungi)

Ureides
UF Acylureas
Carbamides
Carbromal
Urea derivatives
BT Urea+

Uremia
(1-NOV-1980)
A condition resulting from kidney failure and characterized by azotemia, chronic acidosis, anemia, and a variety of systemic signs and symptoms.
UF Azotemia
Uremic poisoning
BT Kidney diseases+
Toxemia+

Uremic poisoning
use Uremia

Ureters
use Urinary system

Urethanes
BT Carbamates+
Esters+

Urethritis
RT Bladder(Urinary)
BT Pathology+
Urinary system+

Uric acid
RT Uridine
BT Acids+
Heterocyclic compounds+

Uridine
RT Uric acid
BT Heterocyclic compounds+
Nucleosides+

Urinals
use Toilet facilities

Urinalysis
(1-SEP-1990)
Physical, chemical, or microscopic analysis or examination of urine.
RT Urine
BT Urology+

Urinary system
UF Ureters
Urinary tract
UFC Kidney stones
Nephrolithiasis
RT Urology
BT Anatomy+
NT Bladder(Urinary)
Diuresis
Kidneys+
Urethritis

Urinary tract
use Urinary system

Urine
RT Excretion
Urinalysis
BT Body fluids+
NT Creatinine

Urobilin
use Bile pigments

Urobilinogen
use Bile pigments

Urokinase
use Phosphorus transferases

Urology
(1-SEP-1990)
That branch of medicine which concerns itself with the urinary tract in both male and female, and with the genital organs in the male.
RT Urinary system
BT Internal medicine+
NT Urinalysis

Uronic acids
UF Aldobiuronic acids
Galacturonic acids
Glucuronic acid
BT Sugar acids+
NT Alginic acid

Uroporphyrins
use Porphyrins

Uruguay
BT South America+

User friendly
(1-OCT-1992)
Property of a system that is easy for an untrained person to use and sets up an easily understood dialog between the user and the computer.
RT User needs

User manuals
(1-SEP-1981)
Instruction manuals for users.
RT User needs
BT Instruction manuals+

User needs
RT Customer services
User friendly
User manuals

USSR
UF Soviet Union
Union of Soviet Socialist Republics
RT CIS
BT Communist countries+
Warsaw Pact countries+
NT Franz Josef Land

Utah
BT United States+

Utensils(Food)
use Kitchen equipment and supplies

Uterus
RT Endometriosis
BT Reproductive system+

Utility aircraft
BT Aircraft

Utility theory
use Game theory

Utility vehicles
BT Military vehicles+
NT Scout cars

Utilization
RT Consumption
NT Manpower utilization+
Thermal utilization

UV lasers
use Ultraviolet lasers

Uzbekistan
(1-OCT-1994)
BT CIS+
Southwest Asia+

V

V agents
BT Nerve agents+
NT VE agent
VX agent

V band
46,000 to 56,000 mhz
BT Extremely high frequency+

V g recorders
use Vertical gust recorders

V particles
UF Lambda particles
BT Hyperons+

Vacancies(Crystal defects)
RT Holes(Electron deficiencies)
BT Point defects+

Vaccination
use Immunization

Vaccines
UF Toxoids
UFC Anthrax vaccine
Botulism toxoid
Brucellosis vaccine
Influenza vaccines
Rinderpest vaccine
Tetanus toxoid
Tularemia vaccine
Typhus vaccine
RT Antigens
BT Biological products
NT Live vaccines
Plague vaccine

Vaccinia virus
RT Variola virus
BT Pox viruses+

Vacuum
NT High vacuum
Suction
Ultrahigh vacuum
Vacuum apparatus+

Vacuum apparatus
BT Vacuum
NT Ionization gages
Knudsen gages
Vacuum chambers
Vacuum cleaners
Vacuum furnaces
Vacuum operated valves
Vacuum pumps+
Vacuum seals
Vacuum switches

Vacuum chambers
BT Chambers
Test facilities+
Vacuum chambers (cont.)
Vacuum apparatus+

Vacuum cleaners
RT Carpets
BT Vacuum apparatus+

Vacuum degassing
BT Degasification+

Vacuum deposition
BT Deposition

Vacuum distillation
BT Distillation+

Vacuum furnaces
BT Electric furnaces+
Vacuum apparatus+

Vacuum operated valves
RT High vacuum valves
BT Vacuum apparatus+
Valves

Vacuum pumps
BT Pumps
Vacuum apparatus+
NT Diffusion pumps
Ion pumps

Vacuum seals
RT Gas seals
BT Seals(Stoppers)
Vacuum apparatus+

Vacuum switches
BT Electric switches+
Vacuum apparatus+

Vacuum ultraviolet radiation
BT Far ultraviolet radiation+

Vadose zone
(1-JAN-1998)
Subsurface aerated region.
RT Ground water
BT Underground+

Vagina
use Reproductive system

Valence
BT Covalent bonds+
NT Valence bands

Valence bands
BT Energy bands
Valence+

Validation
RT Acceptability
NT Verification+

Valium
use Diazepam

Valleys
RT Watersheds
BT Landforms+
NT Canyons+

Value

Value engineering
BT Engineering
NT Simplification

Valves
NT Ball valves
Butterfly valves
Bypass valves
Check valves
Cut off valves
Engine valves+
Exhaust valves
Float valves
Flush valves
Gate valves
Globe valves
High pressure valves
High vacuum valves
Hydraulic valves+
Intake valves
Jet engine valves
Liquid metal valves
Plug valves
Pneumatic valves+
Reed valves
Relief valves
Rotary valves
Safety valves
Servovalves
Sleeve valves
Solenoid valves
Steam valves
Vacuum operated valves

VAMOSC
(1-MAY-1983)
Acronym for Visibility And Management of Operating and Supporting Costs.

Van Allen radiation belt
BT Radiation belts+

Van de Graaff generators
BT Electrostatic generators+

Van der Waals forces
(1-OCT-1993)
An attractive force between two atoms or molecules which arises because a fluctuating dipole moment in one induces a dipole moment in the second, which then interact.
BT Covalent bonds+

Van der Waals forces (cont.)
Molecule molecule interactions+

Vanadates
BT Vanadium compounds+

Vanadium
RT Vanadium alloys
Vanadium compounds
BT Transition metals+

Vanadium alloys
RT Vanadium
Vanadium compounds
BT Alloys

Vanadium compounds
RT Vanadium
Vanadium alloys
BT Group V compounds+
NT Vanadates
Vanadium silicides

Vanadium silicides
BT Silicides+
Vanadium compounds+

Vancomycin
RT Streptococcus
BT Antibiotics+

Vaneaxial fans
BT Axial flow fans+

Vanillic acids
BT Acids+

Vans
RT Transportation
BT Trucks+

Vapor deposition
BT Deposition
NT Chemical vapor deposition

Vapor lock
RT Vapor pressure

Vapor phases
RT Volatility
BT Phase

Vapor plating
BT Plating+

Vapor pressure
RT Partial pressure
Vapor lock
BT Pressure

Vapor trails
use Condensation trails

Vaporization
RT Ablation
Heat of vaporization
Vapors
BT Phase transformations+
NT Evaporation+
Sublimation

Vapors
Gaseous forms of substances that may also occur as liquids or solids.
RT Vaporization
BT Fluids
NT Effluvia+
Metal vapors
Water vapor+

Varactor diodes
RT Varistors
BT Semiconductor diodes+

Variable area nozzles
UF Expandable nozzles
BT Nozzles

Variable bypass turbofans
BT Turbofan engines+

Variable capacitors
BT Capacitors

Variable coordinates
BT Coordinates

Variable cycle engines
BT Engines
Turbojet engines+

Variable depth sonar
BT Towed sonar+

Variable incidence wings
RT Variable sweep wings
BT Wings+

Variable pitch propellers
UF Adjustable pitch propellers
RT Pitch(Inclination)
BT Propellers

Variable pressure
BT Pressure

Variable resistors
UF Rheostats
BT Resistors+
NT Thermistors

Variable speed drives
RT Speed regulators
BT Drives

Variable stability aircraft
RT Aerodynamic stability
BT Aircraft

Variable stars
BT Stars+
NT Novae+

Variable sweep wings
RT Variable incidence wings
Varying sweep wings
BT Swept wings+

Variable thrust rocket motors
use Controllable thrust rocket engines

Variables
RT Constants
Variations
NT Random variables

Variance analysis
use Analysis of variance

Variational methods
RT Hamiltonian functions
BT Calculus of variations+
Variational principles+

Variational principles
RT Boundary value problems
BT Calculus of variations+
NT Variational methods

Variations
RT Standard deviation
Variables
NT Nonperiodic variations
Periodic variations+

Variola virus
UF Smallpox virus
RT Vaccinia virus
BT Pox viruses+

Varistors
RT Varactor diodes
BT Semiconductor devices+

Varnish removers
use all Paint removers
Varnishes

Varnishes
UFC Varnish removers
RT Paints
BT Organic coatings+
NT Solventless varnishes

Varying sweep wings
UF Crescent wings
M wings
Ogee wings
W wings
RT Variable sweep wings

Varying sweep wings (cont.)
BT Swept wings+

Vascular congestion
BT Vascular diseases+
NT Intravascular clots

Vascular diseases
BT Diseases
NT Cardiovascular diseases+
Vascular congestion+

Vasoactive agents
use Cardiovascular agents

Vasoconstricting
RT Ischemia
Vasodilation
BT Blood vessels+
Constrictions

Vasodilation
RT Vasoconstricting
BT Blood vessels+

Vasomotor reactions
RT Vasomotor reflexes
BT Physiology

Vasomotor reflexes
RT Vasomotor reactions
BT Reflexes+

Vasopressin
use Pituitary hormones

Vasopressors
use Cardiovascular agents

VE agent
BT V agents+

Vector analysis
BT Mathematical analysis+

Vector spaces
BT Linear algebra+
NT Matrices(Mathematics)+

Vectorcardiography
BT Electrocardiography+

Vectors(Epidemiology)
use Disease vectors

Vegetable oils
UF Castor oil
Cottonseed oil
Oiticica oil
RT Fats
BT Oils
Organic materials+
NT Peanut oil

Vegetables
RT Plants(Botany)
BT Food
NT Beans
Carrots
Celery
Lettuce
Onions
Peas
Potatoes
Sauerkraut

Vegetation
BT Plants(Botany)+
NT Foliage+
Forests
Jungles

Vehicle brakes
BT Brakes
Vehicle chassis components+
NT Wheel brakes

Vehicle chassis components
BT Chassis+
Vehicle equipment+
NT Axle shafts
Clutches
Differentials(Mechanical)
Roadwheels
Tires+
Torsion bars
Transmissions(Mechanical)+
Universal joints
Vehicle brakes+
Vehicle tracks
Wheel hubs

Vehicle equipment
BT Vehicles
NT Mud guards
Tire chains
Tire tube patches
Tire tubes+
Tow bars
Vehicle chassis components+
Vehicle heaters
Vehicle instruments
Windshield wipers

Vehicle heaters
BT Heaters
Space heaters+
Vehicle equipment+

Vehicle instruments
BT Vehicle equipment+

Vehicle tracks
RT Tracked vehicles
BT Tracks
Vehicle chassis components+

Vehicles
Ground transportation devices.
UF Carriers(Vehicles)
RT Antivehicle weapons
NT Amphibious vehicles
Cargo vehicles+
Crash vehicles
Fire fighting vehicles
Ground vehicles+
Maintenance vehicles
Military vehicles+
Passenger vehicles+
Planetary surface vehicles+
Recovery vehicles
Rescue vehicles+
Swimmer vehicles
Towed vehicles+
Towing vehicles+
Underwater vehicles+
Vehicle equipment+

Vehicular armor
RT Armored vehicles
BT Armor+

Veillonella
BT Neisseriaceae+
NT Veillonella alkalescens

Veillonella alkalescens
BT Veillonella+

Veins
BT Blood vessels+
NT Jugular vein
Pulmonary veins
Vena cava

Velocimeters
RT Odometers
Velocity
BT Measuring instruments+
NT Laser velocimeters
Logs(Velocity meters)

Velocity
UF Speed
RT Velocimeters
BT Motion
NT Acceleration+
Acoustic velocity
Escape velocity
Flight speeds+
High velocity+
Low velocity
Mach number
Muzzle velocity
Radial velocity
Seismic velocity
Wind velocity+

Vena cava
BT Veins+

Vendors
BT Contractors+

Veneer
use Plywood

Venereal diseases
RT Genital diseases
BT Infectious diseases+
NT Gonorrhea
Granuloma
Syphilis

Venezuela
BT South America+

Venezuelan equine encephalomyelitis
RT Venezuelan equine encephalomyelitis virus
BT Mosquito borne diseases+
Virus diseases+

Venezuelan equine encephalomyelitis virus
RT Venezuelan equine encephalomyelitis
BT Equine encephalomyelitis virus+
Mosquito borne diseases+

Venomous animals
RT Venoms
BT Animals
NT Vipers

Venoms
UFC Bee venom
RT Venomous animals
BT Poisons+

Ventilation
RT Ventilation ducts
Ventilation fans
Ventilators
NT Positive crankcase ventilation
Venting

Ventilation ducts
RT Ventilation
BT Cooling and ventilating equipment+
Ducts

Ventilation fans
RT Ventilation
BT Fans+

Ventilators
RT Ventilation
BT Cooling and ventilating equipment+

Venting
RT Vents
BT Ventilation

Ventricles
BT Heart+

Ventricular fibrillation
use Arrhythmia

Vents
RT Inlets
Venting
NT Tank vents

Venturi tubes
RT Flowmeters
BT Tubes

Venus(Planet)
RT Venus probes
BT Planets+

Venus probes
RT Venus(Planet)
BT Space probes+

Verbal behavior
RT Sexual harassment
BT Behavior+

Verification
(1-SEP-1990)
The authentification of truth or accuracy of facts, statements, citations, measurements or attendant circumstances.
RT Accuracy
BT Validation
NT Computer program verification

Vermifuges
use Anthelmintics

Vermont
BT New England+

Vernier rocket engines
BT Rocket engines+

Vertebrae
use Spinal column

Vertebrate fossils
use Paleontology

Vertebrates
RT Invertebrates
BT Animals
NT Amphibians+
Birds+
Fishes+
Mammals+
Reptiles+

Vertical cavity surface emitting lasers
(1-OCT-1998)
BT Solid state lasers+

Vertical gust recorders
UF V g recorders
RT Gusts
BT Meteorological instruments+
Recording systems
Vertical indicators+

Vertical indicators
BT Navigational aids+
NT Vertical gust recorders
Vertical speed indicators

Vertical landings
(1-DEC-1984)
BT Landing

Vertical orientation
BT Orientation(Direction)

Vertical perception
use Proprioception

Vertical speed indicators
RT Rate of climb indicators
BT Flight instruments+
Vertical indicators+

Vertical stabilizers
BT Aerodynamic control surfaces+
Stabilization systems+

Vertical takeoff aircraft
UF VTOL
BT Short takeoff aircraft+
NT Convertible planes
Flying platforms
Rotary wing aircraft+
Tilt rotor aircraft

Vertigo
RT Motion sickness
BT Pathology+
Signs and symptoms+

Very high frequency
30 to 300 MHz.
UFC Very high frequency filters
BT Microwave frequency+
NT A band
P band

Very high frequency filters
use all Radiofrequency filters
Very high frequency

Very large scale integration
(1-SEP-1990)
The technology for concentrating many thousands of semiconductor devices in a single integrated circuit.
UF VLSI
BT Integrated circuits+

Very low frequency
3 to 30 kHz.
BT Radiofrequency+

Vesicants
BT Antipersonnel agents+
NT Arsenic agents
Lewisite
Mustard agents+

Vesicular exanthema
BT Vesicular viruses+

Vesicular stomatitis
BT Vesicular viruses+

Vesicular viruses
RT Bladder(Urinary)
BT Viruses+
NT Vesicular exanthema
Vesicular stomatitis

Vessel traffic systems
BT Water traffic+

Vestibular apparatus
BT Ear+

Vests
BT Clothing
Protective clothing+

Veterans(Military personnel)
RT Retirement(Personnel)
BT Military personnel+

Veterinary diseases
RT Veterinary medicine
BT Animal diseases+

Veterinary medicine
RT Veterinary diseases
BT Medicine+

Viability

Vibration
RT Vibration isolators
Vibrometers
BT Mechanical waves+
Motion
NT Flutter
Jitter
Modal analysis
Molecular vibration
Random vibration
Strumming

Vibration isolators
UF Insulation(Mechanical)
RT Damping
Vibration

Vibrational spectra
RT Molecular vibration
Shock spectra
BT Spectra+

Vibrators(Electrical)
BT Electrical equipment

Vibrators(Mechanical)
BT Machines

Vibrio
UF Comma bacillus
Spirillum cholerae asiaticae
BT Spirillaceae+
NT Vibrio cholerae
Vibrio comma

Vibrio cholerae
(1-OCT-1992)
The etiologic agent of Asiatic cholera in man.
RT Cholera
BT Vibrio+

Vibrio comma
BT Vibrio+

Vibrometers
(1-JUN-1997)
RT Vibration
BT Measuring instruments+

Video amplifiers
BT Amplifiers

Video converters
BT Converters

Video filters
BT Electric filters+

Video frames
BT Video tape recording+

Video integration
BT Visual perception+

Video map matching
BT Guidance
Video mapping+

Video mapping
BT Mapping
NT Video map matching

Video networks
RT Television systems
BT Networks

Video receivers(Television)
use Television receivers

Video recording
RT Television cameras
BT Recording systems

Video signals
BT Signals

Video tape recording
RT Video tapes
BT Tape recording+
NT Video frames

Video tapes
(1-SEP-1981)
A heavy duty magnetic tape designed primarily for recording video signals of television transmissions.
RT Video tape recording
BT Tapes

Videophones
BT Telephone systems+
Television systems+

Vidicons
BT Camera tubes+
NT Infrared vidicons

Vietnam
RT Tonkin Gulf
Vietnamese language
BT Southeast Asia+
NT North Vietnam
South Vietnam+

Vietnam War
(1-OCT-1997)
BT Conventional warfare+

Vietnamese language
(1-OCT-1998)
RT Vietnam
BT Foreign languages+

Viewers
RT Screens(Displays)
BT Display systems

Viewfinders
BT Camera components+

Viewing screens
use Screens(Displays)

Vigilance
RT Attention
BT Behavior+

Villages
BT Rural areas+

Vinegar flies
use Drosophilidae

Vinyl alcohol
BT Alcohols+
NT Polyvinyl alcohol

Vinyl plastics
BT Thermoplastic resins+
NT Polyvinyl alcohol
Polyvinyl chloride
Polyvinylidenes

Vinyl radicals
BT Alkyl radicals+

Vinyl rubber
BT Synthetic rubber+

Vinylpyrrolidone

Vipers
BT Snakes+
Venomous animals+

Viral pneumonia
BT Pneumonia+
Virus diseases+

Virgin Islands
BT Lesser Antilles+

Virginia
RT Potomac River
York River
BT United States+

Viricides
use Chemotherapeutic agents

Virology
RT Viruses
BT Microbiology+

Virtual reality
(1-OCT-1994)
An artificial reality that projects the user into a three dimensional space generated by the computer.
BT Bionics

Virulence
NT Low virulence

Virus diseases
RT Interferon
Viruses
BT Infectious diseases+
NT Acquired immune deficiency syndrome
Dengue
Infectious mononucleosis
Influenza
Japanese encephalitis
Lassa fever
Poliomyelitis
Rift Valley fever
Sandfly fever virus infection
Virus diseases (cont.)
Venezuelan equine encephalomyelitis
Viral pneumonia
Yellow fever

Viruses
RT Antiviral agents
Virology
Virus diseases
BT Microorganisms
NT Adenoviruses+
Arboviruses+
Bacteriophages+
Ebola virus
Foot and mouth disease virus
Hepatitis viruses+
Herpetic viruses+
Hog cholera virus
Japanese encephalitis viruses+
Measles viruses+
Myxoviruses+
Picornaviruses+
Pox viruses+
Reoviruses
Retroviruses+
Rinderpest virus
Sarcoma virus
Thogoto virus
Tobacco mosaic virus
Vesicular viruses+

Viscoelasticity
BT Elastic properties+

Viscometers
RT Viscosity
BT Measuring instruments+

Viscoplasticity
BT Plastic properties+

Viscose
Solution and cellulose fiber regenerated from it.
BT Fibers

Viscosity
UF Fluidity
RT Rheology
Viscometers
Viscous flow
BT Transport properties+
NT High viscosity

Viscosity index
BT Rheology+

Viscous flow
RT Inviscid flow
Viscosity
BT Fluid flow+
NT Boundary layer flow
Shear flow

Visibility
RT Visual acuity
NT Obscuration
Whiteout

Visible spectra
BT Electromagnetic spectra+

Vision
UF Sight
Visual factors
UFC Light adaptation
Photopia
Scotopia
RT Blindness
Flashblindness
BT Senses(Physiology)+
NT Afterimages
Color vision
Night vision
Peripheral vision
Visual acuity
Visual perception+

Visionics
BT Electronics

Visors
BT Headgear+

Visual acuity
RT Visibility
BT Acuity
Vision+

Visual aids
RT Diagrams
Training devices
NT Audiovisual aids

Visual cortex
BT Cerebral cortex+

Visual defects
BT Eye diseases+

Visual factors
use Vision

Visual flight rules

Visual inspection
RT Visual surveillance
BT Inspection

Visual perception
RT Astigmatism
BT Perception+
Vision+
NT Flicker
Illusions
Video integration

Visual signals
BT Signals
NT Flags

Visual surveillance
RT Visual inspection
BT Surveillance

Visual targets
BT Targets

Visualization of flow
use Flow visualization

Vitamin A
BT Vitamins
NT Retinoic acids

Vitamin B
use Vitamin B complex

Vitamin B complex
UF Aminobenzoic acid(Para)
Biotin
Carnitine
Cyanocobolamin
Riboflavin
Vitamin B
BT Vitamins
NT Cholines+
Folic acid
Nicotinic acid+
Thiamines

Vitamin C
use Ascorbic acid

Vitamin D
BT Vitamins

Vitamin E
UF Tocopherols
BT Vitamins

Vitamin K
BT Vitamins

Vitamin P
UF Hesperidin
Quercetin
Rutin
BT Vitamins

Vitamins
NT Ascorbic acid+
Linoleic acid
Vitamin A+
Vitamin B complex+
Vitamin D
Vitamin E
Vitamin K
Vitamin P

Vitellin
use Phosphoproteins

Vitelline glands
BT Ovaries+

Vitreous state
RT Glass
Vitrification
BT Solid phases+

Vitrification
(1-JUL-1998)
Transformation of a material to a glassy state.
RT Vitreous state
BT Phase transformations+

Vitrification(Biology)
(1-JUL-1998)
The process of immobilizing and preserving living cells through freezing an organ or organism after first infusing it with an antifreeze to prevent damage by limiting ice crystallization.
BT Preservation

VLSI
use Very large scale integration

Vocabulary
RT Thesauri
BT Language+
NT Index terms

Vocational guidance
BT Personnel development+

Vocational tests
use Aptitude tests

Vocoders
BT Communication equipment

Voice communications
BT Telecommunications+

Voiceprints
BT Speech analysis+

Voids
NT Cavities+
Interstitial

Volatility
RT Vapor phases
BT Thermodynamic properties+

Volcanism
(1-JUN-1989)
The movement of magma and its associated gases from the interior into the crust and to the surfaces of the earth.

Volcanism (cont.)
RT Volcanoes
BT Geology+

Volcano Islands
BT Pacific Ocean Islands+

Volcanoes
RT Lava
Volcanism
BT Landforms+
NT Tuff

Voltage
UF Electric potential
Potential(Electric)
RT Electric current
Voltmeters
BT Electricity
NT High voltage
Low voltage

Voltage amplifiers
RT Current amplifiers
BT Amplifiers

Voltage controlled oscillators
BT Oscillators+

Voltage dividers
UF Potentiometers(Variable resistors)
RT Power dividers
NT Autotransformers

Voltage regulation
RT Voltage regulators

Voltage regulators
RT Voltage regulation
BT Regulators+

Voltammetry
RT Voltmeters
BT Electrical measurement+

Volterra equations
BT Integral equations+

Voltmeters
RT Voltage
Voltammetry
BT Measuring instruments+

Volume
RT Volumetric analysis
BT Capacity(Quantity)
NT Blood volume

Volumetric analysis
UF Electrolytic titration
RT Volume
BT Chemical analysis
NT Titration+

Volunteers
BT Humans+

Vomiting
use Emesis

Vomiting agents
RT Emesis
BT Nonlethal agents+

Vortex generators
RT Vortices
BT Boundary layer control+

Vortex shedding
RT Vortices
BT Fluid dynamics+

Vortex thermometers
BT Thermometers+

Vortex tubes
use Hilsch tubes

Vortices
RT Secondary flow
Vortex generators
Vortex shedding
BT Fluid flow+
NT Eddies(Fluid mechanics)
Trailing vortices

Vowels
BT Alphabets
Phonemes+

VT fuzes
use Radio proximity fuzes

VTOL
use Vertical takeoff aircraft

Vuilleumier cycle
BT Cycles

Vulcanizates
BT Elastomers
Vulcanization+

Vulcanization
BT Crosslinking(Chemistry)+
NT Vulcanizates

Vulnerability
RT Reliability
NT Risk+

VX agent
BT V agents+

W

W band
(1-OCT-1996)
56 to 100 GHZ.
BT Extremely high frequency+

W wings
use Varying sweep wings

Wafers

Waffle irons
use Cooking devices

Wages
use Salaries

WAGR test
use Statistical tests

Waiting line theory
use Queueing theory

Waiver
BT Contracts+

Wake
The detectable path left by a body moving through a fluid.
RT Downwash
Wake detection
Wake detectors

Wake detection
(1-OCT-1991)
RT Wake
Wake detectors
BT Detection

Wake detectors
RT Wake
Wake detection
BT Detectors

Wake Island
(1-OCT-1991)
BT Polynesia+

Wald's sequential test
use Statistical tests

Walkie talkies
BT Field equipment+
Transmitter receivers+

Walking
RT Exercise(Physiology)
BT Locomotion

Wallboard
RT Walls
BT Fiberboard

Walls
RT Wallboard
BT Structures

Walls (cont.)
NT Bulkheads
Compliant walls
Retaining walls
Thick walls
Thin walls

Walsh functions
RT Walsh transformation
BT Functions(Mathematics)+

Walsh transformation
RT Walsh functions
BT Integral transforms+

Wankel cycle
RT Internal combustion engines
BT Thermodynamic cycles+

War games
RT Game theory
Simulation
BT Military tactics+
Military training+

War potential
UF Potential(War)
RT Combat readiness

Ward Hunt Island
BT Queen Elizabeth Islands+

Warehouses
RT Storage
BT Buildings+

Warfare
UF Combat
RT Combat areas
NT Acoustic warfare
Aerial warfare+
Battles+
Biological warfare+
Catalytic conflict(Warfare)
Chemical warfare+
Conventional warfare+
Economic warfare
Electronic warfare+
Limited warfare+
Mine warfare+
Naval warfare+
Night warfare
Nuclear warfare
Optical warfare
Psychological warfare
Radiological warfare+
Riverine warfare
Space warfare+
Strategic warfare+
Strike warfare+
Tactical warfare+
Unconventional warfare+
Undersea warfare+

Warheads
UFC Armor piercing warheads
Biological warheads
Chemical warheads
HE warheads
High explosive warheads
Incendiary warheads
Smoke warheads
BT Ordnance
NT Cluster warheads
Continuous rod warheads
Exercise heads
Explosive warheads
Fragmentation warheads
Guided missile warheads+
Nuclear warheads
Rocket warheads
Shaped charge warheads
Torpedo warheads

Warm rolling
use Rolling(Metallurgy)

Warning systems
UF Alarms
UFC Collision warning devices
RT Defense systems
Detectors
Hazards
Safety
BT Damage control+
NT Airborne warning and control system
Early warning systems+
Earthquake warning systems
False alarms
Gas detectors+
Radar warning receivers
Radiation alarms
Stall warning indicators
Strategic warning
Tactical warning
Temperature warning systems
Toxic agent alarms

Warranties
use Guarantees

Warsaw Pact countries
BT Political alliances+
NT East Germany
USSR+

Wartime
(1-JUN-1989)

Washers(Cleaners)
UF Washing machines
RT Laundry operations
BT Kitchen equipment and supplies

Washers(Spacers)
RT Gaskets
BT Spacers

Washing machines
use Washers(Cleaners)

Washington(State)
RT Puget Sound
BT United States+

Wasps
use Hymenoptera

Waste collection
UF Refuse collection
RT Waste disposal
BT Collection
Waste management+

Waste disposal
UFC Radioactive waste disposal
RT Incinerators
Sanitary engineering
Waste collection
BT Disposal
Waste management+
NT Garbage disposal
Landfills
Ocean waste disposal
Sewage disposal

Waste gases
For exhaust fumes from all types of engines, see Exhaust gases.
RT Exhaust gases
Flue gases
BT Gases+
Wastes

Waste management
RT Landfills
BT Sanitation+
NT Compactors
Composts
Waste collection
Waste disposal+
Waste recycling
Waste treatment+

Waste recycling
RT Materials recovery
BT Waste management+

Waste treatment
BT Waste management+
NT Activated sludge process
Sewage treatment+
Soil remediation
Supercritical water oxidation

Waste water
BT Liquid wastes+
Water+

Wastes
RT Debris
NT Hazardous wastes
Liquid wastes+

Wastes (cont.)
Radioactive wastes
Residues
Solid wastes+
Waste gases
Wastes(Industrial)+
Wastes(Sanitary engineering)+

Wastes(Industrial)
BT Wastes
NT Slags

Wastes(Sanitary engineering)
BT Wastes
NT Garbage
Sewage

Watch(Duty)
RT Patrolling
BT Jobs

Watches
use Clocks

Water
RT Ice
Thirst
BT Liquids+
NT Bottom waters
Cold water
Deep water+
Distilled water
Feed water
Fresh water+
Ground water+
Heavy water+
Hot water
Open water
Salt water+
Shallow water
Surface waters
Tidewater
Waste water
Water analysis+
Water resources+

Water absorption tests
BT Test methods+

Water activated batteries
BT Reserve batteries+
NT Sea water batteries

Water analysis
RT Water chemistry
BT Chemical analysis
Water+
NT Water quality

Water base paints
BT Paints+

Water based aircraft
BT Aircraft
NT Flying boats+

Water based aircraft (cont.)
Seaplanes+

Water brakes
Devices designed to impede the passage of objects through water.
BT Brakes

Water cannons
BT Guns+

Water channel test facilities
BT Test facilities+
NT Water tunnels

Water chemistry
RT Water analysis
BT Chemistry+
NT Water soluble materials

Water conservation
RT Water supplies
BT Conservation
NT Water reclamation

Water coolers
(1-SEP-1990)
Tanks in which water is cooled or which contains artificially cooled water.
RT Water cooling
BT Cooling and ventilating equipment+

Water cooling
RT Water coolers
BT Liquid cooling+

Water distribution
BT Hydrology+
Limnology+

Water entry
RT Water exit
NT Splash

Water erosion
BT Erosion+
NT Rain erosion

Water exit
RT Water entry

Water filters
BT Liquid filters+

Water flow
BT Fluid flow+
NT Streamflow analysis
Turbidity currents

Water hammer
BT Fluid flow+

Water hyacinth
BT Aquatic weeds+

Water impingement
Accumulations of water droplets on surfaces.
BT Impingement

Water injection
BT Injection

Water jets
RT Waterjet propulsion
BT Liquid jets+

Water masses
(1-MAY-1983)
Bodies of water identified by its temperature-salinity curve or chemical composition, and normally consisting of a mixture of two or more water types.

Water pipes
BT Pipes

Water pollution
RT Biochemical oxygen demand
Water pollution abatement
Water quality
BT Pollution+

Water pollution abatement
RT Water pollution
BT Pollution abatement
NT Water pollution control equipment

Water pollution control equipment
BT Water pollution abatement+

Water privation
BT Deprivation+

Water pumps
(1-JUN-1989)
BT Pumps

Water quality
RT Water pollution
BT Quality
Water analysis+

Water reclamation
UF Water recovery
RT Dewatering
BT Reclamation
Water conservation+

Water recovery
use Water reclamation

Water repellents
RT Waterproofing
BT Repellents

Water resources
BT Resources
Water+
NT Water supplies+

Water softeners
RT Hard water
BT Demineralization+
Demineralizers+
Water treatment+

Water soluble materials
BT Materials
Water chemistry+

Water supplies
RT Water conservation
Water tanks
BT Water resources+
NT Ground water+
Springs(Water)
Water wells

Water table
BT Aquifers+

Water tanks
RT Water supplies
BT Tanks(Containers)+

Water traffic
RT Ferries(Water craft)
Marine transportation
Shipping
BT Traffic
NT Vessel traffic systems

Water treatment
RT Activated sludge process
Chlorination
Desalination
BT Purification
NT Boiler compounds
Water softeners

Water tunnels
BT Tunnels
Water channel test facilities+

Water vapor
RT Humidity
BT Vapors+
NT Heavy water vapor
Steam

Water waves
BT Mechanical waves+
NT Lake waves
Ocean waves+

Water wells
BT Water supplies+

Waterborne
BT Floating bodies+

Waterfowl
BT Birds+
NT Ducks
Geese
Swans

Waterfront structures
BT Structures
NT Piers

Waterjet propulsion
RT Water jets
BT Propulsion systems

Waterproofing
RT Barrier coatings
Moistureproofing
Sealed systems
Sealing compounds
Water repellents
Weatherproofing
BT Protective treatments+

Watersheds
RT Valleys
BT Drainage+

Watertight doors
RT Ship structural components
Watertightness
BT Doors

Watertight fittings
RT Watertightness
BT Fittings+

Watertightness
RT Watertight doors
Watertight fittings
BT Sealed systems

Waterways
BT Topography
NT Channels(Waterways)+
Estuaries+
Inland waterways+
Inlets(Waterways)+
Locks(Waterways)
Sounds(Waterways)+
Straits+
Streams+

Waterways(Inland)
use Inland waterways

Wattmeters
BT Power meters+

Wave analyzers
RT Wavemeters
BT Analyzers
NT Harmonic analyzers

Wave equations
RT Wave functions
BT Partial differential equations+
NT Schrodinger equation

Wave functions
UFC Spherical wave functions
RT Wave equations
BT Functions(Mathematics)+
NT Harmonics

Wave packets
RT Packet switching
BT Electromagnetic pulses+

Wave propagation
UF Transmission(Waves)
Wave transmission
RT Waveforms
BT Propagation
NT Electromagnetic wave propagation+
Focusing
Multipath transmission+
Retransmission
Sound transmission

Wave transmission
use Wave propagation

Waveform generators
RT Waveforms
BT Generators
NT Signal generators+

Waveforms
RT Wave propagation
Waveform generators
NT Group velocity
Phase velocity
Pulse amplitude
Sawtooth waveforms

Wavefronts
RT Phase velocity
BT Diffraction

Waveguide bends
BT Waveguides+

Waveguide circulators
UF Circulators(Waveguide)
BT Waveguides+

Waveguide connectors
use Waveguide couplers

Waveguide couplers
UF Waveguide connectors
Waveguide joints
BT Couplers
Waveguides+

Waveguide filters
RT Bandstop filters
BT Electromagnetic wave filters+
Waveguides+

Waveguide irises
BT Waveguides+

Waveguide joints
use Waveguide couplers

Waveguide slots
BT Slots+
Waveguides+

Waveguide switches
BT Switches
Waveguides+

Waveguide windows
BT Waveguides+

Waveguides
RT Coaxial cables
BT Transmission lines
NT Dielectric waveguides
Optical waveguides
Waveguide bends
Waveguide circulators
Waveguide couplers
Waveguide filters
Waveguide irises
Waveguide slots
Waveguide switches
Waveguide windows

Wavelength division multiplexing
(1-OCT-1996)
BT Multiplexing

Wavelet transforms
(1-OCT-1996)
BT Integral transforms+

Wavemeters
RT Frequency meters
Wave analyzers
BT Measuring instruments+

Waves
NT Evanescent waves
Hypersonic waves
Internal waves
Mechanical waves+
Plane waves
Ripples
Sine waves
Solitons
Spherical waves
Square waves
Standing waves+
Surface waves+
Transverse waves+
Traveling waves

Waves(Electromagnetic)
use Electromagnetic radiation

Waves(Mechanical)
use Mechanical waves

Waxes
RT Coatings
BT Organic materials+
NT Beeswax

Weak convergence
BT Convergence

Weapon control
RT Weapons
BT Control

Weapon delivery
RT Fire control systems
BT Delivery
NT Bombing+

Weapon mixes
BT Weapons+

Weapon system effectiveness
RT Weapons effects
BT Weapon systems+
NT Hit probabilities
Interception probabilities+
Kill probabilities

Weapon systems
BT Weapons+
NT Radiation weapons+
Weapon system effectiveness+

Weapons
RT Ammunition
Weapon control
BT Ordnance
NT Advanced weapons+
Antiaircraft weapons+
Antipersonnel weapons+
Antisubmarine weapons+
Antitank weapons+
Antivehicle weapons
Artillery+
Automatic weapons+
Cluster weapons
Flame weapons+
Free fall weapons+
Guided weapons+
Hypervelocity weapons+
Limpet weapons
Mass destruction weapons
Nonlethal weapons
Nuclear weapons+
Optical weapons
Quiet weapons
Space weapons
Strategic weapons
Tactical weapons+
Unconventional weapons

Weapons (cont.)
Weapon mixes
Weapon systems+
Weapons effects+

Weapons carriers
BT Combat vehicles+

Weapons effects
RT Weapon system effectiveness
BT Weapons+
NT Antipersonnel effects
Collateral damage
Wound ballistics

Wear
RT Wear resistance
NT Ablation+
Abrasion
Erosion+
Fretting
Weathering

Wear resistance
UF Abrasion resistance
RT Erosion resistance
Toughness
Wear
BT Mechanical properties+
Resistance

Weasels
(1-SEP-1981)
The common name for at least 12 species of small, slim carnivores which belong to the family mustelidae and which have a reddish-brown coat with whitish underparts.
RT Ermines
BT Carnivora+

Weather
RT Climate
BT Meteorology+
NT Air mass analysis
All weather
Clear weather
Cold weather
Drought
Hot weather
Meteorological data

Weather communications
UF Meteorological radio
BT Communication and radio systems

Weather forecasting
RT Synoptic meteorology
Weather stations
BT Forecasting

Weather maps
use Meteorological charts

Weather modification
BT Modification
NT Antirain agents
Artificial precipitation
Cloud seeding
Fog dispersal

Weather radar
use Meteorological radar

Weather reconnaissance aircraft
BT Reconnaissance aircraft+

Weather stations
UF Meteorological stations
RT Meteorological data
Meteorological satellites
Weather forecasting
BT Stations+
NT Fleet weather central

Weathering
RT Erosion
BT Wear

Weatherproofing
RT Waterproofing
BT Protective treatments+
NT Winterization

Weaving
BT Textile industry+

Web beams
BT Beams(Structural)+

Webs(Sheets)
BT Sheets

Wechsler scales
use Intelligence tests

Wedges
BT Geometric forms

Weed control
RT Herbicides
Weeds
BT Pest control+
NT Biological weed control

Weed killers
use Herbicides

Weeds
RT Herbicides
Weed control
BT Plants(Botany)+
NT Aquatic weeds+

Weibull density functions
BT Probability density functions+

Weight
RT Weightlessness
NT Ballast
Body weight
Lightweight
Strength weight ratio
Weight reduction

Weight reduction
RT Diet
Physical fitness
BT Reduction
Weight

Weighting functions
BT Functions(Mathematics)+

Weightlessness
RT Weight
BT Physical properties

Weinstein's equation
use Partial differential equations

Weirs
BT Dams

Weld metal
BT Metals+

Weldability
BT Welding+

Welded joints
RT Weldments
BT Joints
Welds

Welding
RT Bonding
Welds
BT Thermal joining+
NT Butt welding
Electric welding+
Fusion welding+
Pressure welding+
Seam welding
Stud welding
Weldability

Welding fluxes
BT Fluxes(Fusion)

Welding rods
BT Electrodes

Weldments
RT Welded joints
BT Welds

Welds
RT Welding
NT Arc welds
Flash welds
Spot welds

Welds (cont.)
Welded joints
Weldments

Well logging
RT Drilling
BT Geophysical prospecting

West(Direction)
(1-NOV-1980)
The direction to the left of a person facing north.
BT Orientation(Direction)

West Africa
BT Africa+
NT Ghana
Ivory Coast
Liberia
Mauritania
Nigeria

West Germany
BT Germany(East and West)+
Western Europe+

West Indies
UF Caribbean Sea Islands
BT Atlantic Ocean Islands+
Latin America+
North America+
NT Bahama Islands
Cuba
Dominican Republic
Haiti
Jamaica
Lesser Antilles+
Puerto Rico

West Nile virus
RT Mosquito borne diseases
BT Group B arboviruses+

West Point Military Academy
use United States Military Academy

West Virginia
RT Potomac River
BT United States+

Western equine encephalomyelitis virus
BT Equine encephalomyelitis virus+

Western Europe
BT Europe+
NT Austria
Belgium
Denmark+
France
Iberian Peninsula+
Iceland
Ireland
Italy+
Luxembourg

Western Europe (cont.)
Monaco
Netherlands
Norway
Sweden
Switzerland
United Kingdom
West Germany

Western security(International)
RT National security
BT International politics+

Wet bulb temperature
RT Humidity
BT Temperature

Wet cells
BT Electric batteries
Electrolytic cells+

Wet strength
BT Strength(Mechanics)+

Wet suits
RT Scuba diving
BT Underwater clothing+

Wetlands
(1-MAY-1983)
Lands containing much soil moisture; i.e., marshes, bogs.
RT Saturated soils
BT Geographic areas
NT Muskeg
Swamps

Wetting
RT Saturation
BT Hygroscopicity

Whales
BT Cetacea+

Wharves
use Piers

Wheat
UF Triticum
BT Cereals+
Farm crops+

Wheel brakes
RT Wheels
BT Vehicle brakes+

Wheel chairs
use Medical equipment

Wheel hubs
RT Wheels
BT Hubs
Vehicle chassis components+

Wheel wells
RT Wheels
BT Aircraft cabins+

Wheels
RT Roadwheels
Wheel brakes
Wheel hubs
Wheel wells
NT Flywheels
Grinding wheels+
Idler wheels
Nose wheels
Tail wheels
Turbine wheels+

Whip antennas
RT Broadband antennas
BT Monopole antennas+

Whiplash
BT Wounds and injuries

Whisker composites
BT Composite materials+

Whiskers(Crystals)
BT Crystals+
Metal fibers+

Whistlers
BT Atmospherics+
Radio waves+

White(Color)
(1-NOV-1980)
RT Titanium dioxide
BT Colors+

White ants
use Isoptera

White blood cells
use Leukocytes

White light
BT Light+

White noise
BT Noise

White phosphorus
RT White phosphorus injuries
BT Phosphorus+
Pyrotechnics

White phosphorus injuries
RT White phosphorus
BT Wounds and injuries

White Sea
BT Arctic Ocean+

Whiteout
BT Visibility

Whittaker functions
use Special functions(Mathematics)

Whole body irradiation
BT Irradiation+
Radiation dosage+

Wide angles
BT Angles

Wide area networks
(1-OCT-1992)
A network that extends itself beyond the Local Area Network, via gateways and other media, to extend itself all over the world.
RT Local area networks
BT Communications networks+
Computer networks+
NT Internet+

Wide field cameras
BT Cameras+

Wide gap semiconductors
(1-APR-1998)
BT Semiconductors+

Wideband antennas
use Broadband antennas

Width
BT Sizes(Dimensions)+

Wiener integrals
use Integrals

Wiener-Hopf equations
use Integral equations

Wiggler magnets
(1-JUN-1989)
Electromagnets which create a series of transverse periodic electromagnetic fields in order to: (1) increase the intensity of synchrotron radiation in a synchrotron or storage ring; (2) produce quasi-monochromatic photon beams; or (3) amplify photon beams from other sources, such as a free-electron laser.
RT Free electron lasers
BT Electromagnets+

Wilcoxon's statistic
use Statistical analysis

Wilderness
RT Wildlife
BT Remote areas+

Wildlife
RT Wilderness
BT Animals
NT Endangered species

Winches
RT Booms(Equipment)
BT Hoists+

Wind
RT Wind chill
BT Atmospheric motion+
NT Crosswinds
Geostrophic wind
Gusts
Jet streams
Monsoons
Sea breeze
Wind direction
Wind velocity+

Wind chill
RT Wind
BT Air cooled+

Wind direction
RT Wind direction indicators
BT Wind+

Wind direction indicators
RT Wind direction
BT Meteorological instruments+

Wind erosion
(1-APR-00)
BT Erosion+

Wind gages
use Anemometers

Wind machines
BT Machines

Wind shear
RT Wind stress
BT Shear properties+
Wind velocity+

Wind stress
(1-SEP-1990)
The drag or tangential force per unit area exerted on the surface of the earth by the adjacent layer of moving air.
RT Wind shear
BT Stresses+

Wind tunnel models
RT Wind tunnel tests
Wind tunnels
BT Models

Wind tunnel nozzles
RT Wind tunnels
BT Nozzles

Wind tunnel tests
RT Wind tunnel models
Wind tunnels
BT Test methods+

Wind tunnels
UF Tunnels(Aerodynamic testing)
RT Shock tunnels
Wind tunnel models
Wind tunnel nozzles
Wind tunnel tests
BT Test facilities+
NT Hypersonic wind tunnels
Subsonic wind tunnels
Supersonic wind tunnels
Transonic wind tunnels

Wind velocity
RT Anemometers
BT Velocity+
Wind+
NT Wind shear

Winding
RT Twist(Motion)

Windlasses
use Hoists

Windmilling
use Autorotation

Window projectiles
RT Window rockets
BT Projectiles+

Window rockets
RT Window projectiles
BT Rockets

Windows
RT Windshields
BT Openings
NT Acoustic windows
Atmospheric windows
Guided missile windows
Infrared windows

Windshield wipers
RT Windshields
BT Vehicle equipment+

Windshields
RT Canopies
Windows
Windshield wipers
BT Protective equipment+

Wing body configurations
BT Aerodynamic configurations+

Wing boxes
BT Wings+

Wing dams
use Groins(Structures)

Wing inlets
UF Leading edge inlets
RT Leading edges
BT Inlets+

Wing level organizations
(1-DEC-1984)
BT Military organizations+

Wing ramjet engines
UF Ramjet engine wings
BT Ramjet engines+

Wing slots
BT Aerodynamic slots+

Wing speed brakes
use Air brake flaps

Wing tip tanks
use all External stores
Wing tips

Wing tips
UFC Wing tip tanks
BT Wings+

Winged insects
BT Insects+

Winged launch vehicles
BT Launch vehicles

Wings
BT Airfoils
Airframes
NT Circular wings
Composite wings
Cranked wings
Cruciform wings
Floating wings
Folding wings
Parawings+
Ring wings
Rotary wings+
Supercritical wings
Swept wings+
Thick wings
Thin wings
Tilt wings
Variable incidence wings
Wing boxes
Wing tips
Yawed wings

Winter
RT Cold weather
BT Seasons

Winter sleep
use Hibernation

Winterization
RT Winterization kits
BT Weatherproofing+

Winterization kits
RT Winterization
BT Kits

Wire
RT Wire rope
NT Electric wire
Field wire
Hot wire
Lead wires

Wire guidance
BT Command guidance+

Wire rope
RT Wire
BT Rope+

Wire winding machines
BT Machines

Wireless communications
use Radiotelephones

Wirewound resistors
BT Resistors+

Wiring diagrams
RT Circuits
BT Diagrams+

Wisconsin
BT United States+

Wishart matrices
BT Matrices(Mathematics)+

Wolf Rayet stars
RT Stellar evolution
BT Stars+

Wolverines
(1-SEP-1981)
Carnivorous mammals which are the largest and most vicious member of the family mustelidae.
BT Carnivora+

Women
(1-SEP-1981)
Adult female persons.
RT Females
BT Humans+

Wood
UF Balsa wood
RT Trees
NT Hardwoods
Lignin
Lumber
Plywood

Wood (cont.)
Sawdust
Wood pulp

Wood alcohol
use Methanols

Wood pulp
BT Wood

Woolen textiles
RT Felts
Hair
BT Textiles
Yarns+

Word association
RT Word recognition
BT Psychological tests+

Word lists
RT Dictionaries
Thesauri

Word organized storage
BT Data storage systems+

Word recognition
RT Word association
BT Recognition+

Words(Language)
RT Dictionaries
Semantics
BT Language+
NT Syllables

Work
RT Work measurement
Workload
NT Work elements

Work elements
RT Work functions
Work measurement
BT Work

Work functions
RT Work elements
BT Functions(Mathematics)+

Work measurement
RT Work
Work elements
Workload
BT Measurement

Work stations
(1-SEP-1990)
Work, office or manufacturing areas assigned to one person or job, often accomodating a computer terminal or other electronic or electronically controlled equipment.

Work stations (cont.)
RT Workplace layout
BT Stations+

Workload
(1-MAY-1983)
The total amount of work to be performed in a specific period of time.
RT Work
Work measurement

Workplace layout
RT Work stations
BT Ergonomics+

Workshops
BT Symposia
NT Lectures

World War I
use First World War

World War II
use Second World War

World Wide Web
use Internet

Worm gears
BT Gears+

Worms
UF Helminths
RT Helminthic diseases
BT Invertebrates+
NT Annelida+
Nematoda+
Platyhelminthes+
Shipworms

Wound ballistics
BT Terminal ballistics+
Weapons effects+

Wounds and injuries
UF Injuries
UFC Head injuries
RT Accidents
Scars
NT Aviation injuries
Bites and stings
Bone fractures
Brain damage
Burns(Injuries)+
Chemical warfare injuries
Frostbite
Lesions
Radiation injuries+
Repetitive stress injuries
Strains(Biology)
Trauma+
Whiplash
White phosphorus injuries

Wreckers
use Recovery vehicles

Wrenches
BT Small tools+
NT Impact wrenches
Pipe wrenches

Wrist
BT Arms(Anatomy)+
Joints(Anatomy)+

Wrist watches
use Clocks

Writing
RT Journalism
NT Editing
Handwriting
Technical writing

Wrought metals
BT Metals+

Wuchereria
BT Nematoda+

Wyoming
BT United States+

X

X band
5,200 to 10,900 mhz
BT Superhigh frequency+

X ray absorption analysis
BT Absorption+

X ray apparatus
RT X rays
NT Fluoroscopes
X ray tubes

X ray astronomy
RT Galactic cosmic rays
BT Astronomy+

X ray diagnostics
RT Pneumogram
Rheopneumograms
BT Diagnosis(Medicine)+
NT Encephalograms
Mammography

X ray diffraction
RT X ray diffraction cameras
BT Diffraction

X ray diffraction cameras
RT X ray diffraction
BT Cameras+

X ray film
RT X ray photography
BT Photographic film+

X ray filters
RT X rays
BT Electromagnetic wave filters+

X ray flash
BT Flashes
X rays+

X ray lasers
(1-JUN-1989)
Active electron devices that convert input power into a very narrow intense beam of coherent X-rays.
BT Lasers+

X ray lithography
(1-JAN-1999)
BT Lithography+

X ray luminescence
BT Luminescence+

X ray optics
(1-JUL-00)
BT X rays+

X ray photoelectron spectroscopy
BT Spectroscopy

X ray photography
RT X ray film
BT Photography

X ray scattering
RT X ray spectra
BT Scattering

X ray spectra
RT X ray scattering
BT Electromagnetic spectra+

X ray spectroscopy
BT Spectroscopy

X ray tubes
BT Electron tubes+
X ray apparatus

X rays
UF Roentgen rays
RT Flash radiography
X ray apparatus
X ray filters
BT Electromagnetic radiation+
Ionizing radiation+
NT Hard x rays
X rays (cont.)
Soft x rays
Solar x rays
Tomography+
X ray flash
X ray optics

Xanthine
use Purine alkaloids

Xanthine oxidase
use Oxidoreductases

Xanthomonas
use Pseudomonadaceae

Xanthones
use Anthoxanthin pigments

Xanthophylls
use Carotenoids

Xenon
RT Xenon lamps
Xenon lasers
BT Rare gases+

Xenon lamps
RT Xenon
BT Discharge lamps+

Xenon lasers
RT Xenon
BT Gas lasers+

Xerography
RT Electrophotography
BT Reproduction(Copying)+

Xi hyperons
BT Hyperons+

Xylenes
BT Aromatic hydrocarbons+

Xylose
BT Pentoses+

Xylose phosphate
use Saccharide phosphates

Y

YAG lasers
RT Yttrium iron garnet
BT Solid state lasers+

Yagi antennas
RT Dipole antennas
BT Directional antennas+

Yard craft
BT Naval vessels+

Yarns
BT Fibers
NT Carbon yarn
Woolen textiles

Yaw
RT Sideslip
Slewing
Yawed wings
Yawmeters
Yawsondes
BT Angles
Attitude(Inclination)+

Yawed wings
RT Yaw
BT Wings+

Yawmeters
RT Yaw
BT Attitude indicators+
Measuring instruments+
Navigational aids+

Yawsondes
RT Yaw
BT Meteorological instruments+

Yeasts
BT Ascomycetes+

Yellow(Color)
(1-NOV-1980)
BT Colors+

Yellow fever
RT Yellow fever virus
BT Mosquito borne diseases+
Virus diseases+

Yellow fever virus
RT Yellow fever
BT Group B arboviruses+

Yellow Sea
BT East China Sea+

Yemen
BT Arabia+

Yersinia pestis
The etiologic agent of plague in man and rats, ground squirrels, and other rodents, transmitted from rat to rat and from rat to man by the rat flea, and from man to man by the human body louse; pathogenic for mice, guinea pigs, and rabbits. Formerly called Pasteurella pestis.
UF Pasteurella pestis
BT Enterobacteriaceae+

Yersinia pseudotuberculosis
A gram-negative, polymorphic, coccoid or ovoid, motile species of bacteria which is a common pathogen of rodents and birds. It causes mesenteric lymphadenitis in man and pseudotuberculosis in guinea pigs, rabbits, and, rarely, in other animals. Formerly called Pasteurella pseudotuberculosis.
UF Pasteurella pseudotuberculosis
BT Enterobacteriaceae+

Yield
NT Output+
Yield(Nuclear explosions)

Yield(Nuclear explosions)
BT Yield

Yield point
BT Mechanical properties+

Yield strength
BT Strength(Mechanics)+

Yohimbine
use Indole alkaloids

York River
RT Virginia
BT Rivers+

Youth
BT Humans+
NT Adolescents
Children+

Ytterbium
RT Ytterbium compounds
BT Metals+
Rare earth elements+

Ytterbium compounds
RT Ytterbium
BT Rare earth compounds+

Yttrium
RT Yttrium alloys
Yttrium compounds
BT Transition metals+

Yttrium alloys
RT Yttrium
Yttrium compounds
BT Alloys

Yttrium aluminum garnet
BT Garnet+
Yttrium compounds+

Yttrium barium copper oxides
(1-OCT-1999)
RT High temperature superconductors
BT Barium compounds+

Yttrium barium copper oxides (cont.)
Copper oxides+
Yttrium compounds+

Yttrium compounds
RT Yttrium
Yttrium alloys
BT Group III compounds+
NT Yttrium aluminum garnet
Yttrium barium copper oxides
Yttrium iron garnet
Yttrium oxides

Yttrium iron garnet
RT YAG lasers
BT Garnet+
Yttrium compounds+

Yttrium oxides
BT Oxides+
Yttrium compounds+

Yugoslavia
BT Eastern Europe+
NT Bosnia Herzegovina
Croatia
Macedonia
Montenegro
Serbia
Slovenia

Yukon Territory
BT Canada+

Z

Z forms
use Integral transforms

Z pinch plasmas
(1-JAN-1999)
BT Pinch effect+
Plasmas(Physics)+

Zaire
BT Subsaharan Africa+

Zambia
(1-OCT-1998)
BT Rhodesia+

Zanzibar
BT Indian Ocean Islands+
Tanzania+

Zeeman effect
RT Stark effect
BT Atomic spectra+

Zein
use Prolamines

Zener diodes
use Avalanche diodes

Zeolites
(1-JAN-01)
RT Ion exchange resins
BT Silicates+

Zeta function
use Special functions(Mathematics)

Zimbabwe
(1-OCT-1998)
BT Rhodesia+

Zinc
RT Zinc alloys
Zinc coatings
Zinc compounds
BT Transition metals+

Zinc alloys
RT Zinc
Zinc compounds
BT Alloys

Zinc coatings
UFC Zinc plating
RT Zinc
BT Metal coatings+

Zinc compounds
UFC Zinc pigments
RT Zinc
Zinc alloys
BT Group II compounds+
NT Zinc oxides
Zinc selenides
Zinc sulfides
Zinc tellurides+

Zinc oxides
BT Oxides+
Zinc compounds+

Zinc pigments
use all Pigments
Zinc compounds

Zinc plating
use all Plating
Zinc coatings

Zinc selenides
BT Selenides+
Zinc compounds+

Zinc sulfides
BT Sulfides+
Zinc compounds+

Zinc tellurides
BT Tellurides+
Zinc compounds+
NT Cadmium zinc tellurides

Zionism
BT Religion+

Zippers
BT Fastenings

Zirconates
RT Perovskites
BT Zirconium compounds+
NT Lead zirconate titanates

Zirconium
RT Zirconium alloys
Zirconium compounds
BT Transition metals+

Zirconium alloys
RT Zirconium
Zirconium compounds
BT Alloys

Zirconium compounds
RT Zirconium
Zirconium alloys
BT Group IV compounds+
NT Zirconates+
Zirconium oxides

Zirconium oxides
BT Oxides+
Zirconium compounds+

Zirconyl radicals
BT Chemical radicals+

Zodiacal light
BT Light+
Starlight+
NT Gegenschein

Zone charges
BT Explosive charges+

Zone melting
RT Arc melting
BT Melting+
Purification
Separation

Zones
use Regions

Zoogeography
BT Biogeography+
Zoology+

Zoology
BT Biology+
NT Entomology
Zoogeography

Zoom lenses
BT Telephoto lenses+

Zoomastigina
UF Zoomastigophorea
BT Protozoa+
NT Leishmania
Trypanosoma+

Zoomastigophorea
use Zoomastigina

Zoonoses
RT Zoonotic diseases
BT Communicable diseases+

Zoonotic diseases
RT Zoonoses
BT Diseases

Zooplankton
BT Plankton+

Zwitterions
use Dipolar ions

HIERARCHY

HIERARCHY EXPLANATION

The displays of generic relationships constitute points of entry for display and retrieval. The generic relationships conform to DTIC's definition of the terms and do not cover all hierarchical relationships in any universal sense. Subject classification in the traditional sense is not implied. If a term belongs in two or more separate posting term families, it will appear in each at its proper hierarchical level.

To trace the hierarchy for a given term, first find the term in the Controlled Term section. If no broader term (BT) is listed beneath it, the term itself is at the top of a hierarchy. This means it can be located directly in the hierarchical index. If a BT is listed below the original term, look up that BT in the Controlled Term section. Repeat this process until the located term contains no BTs. This term represents the top of the original term's hierarchy. It will appear in the hierarchical index and will include the original term being sought.

In the following example, the most generic (Or broadest) terms appear farthest left. More specific terms are listed below, and indented to the right according to their respective hierarchical levels of specificity.

Example:

Printing equipment
(1) Photographic printers
(2) Contact printers
(2) Projection Printers
(3) Photographic rectifiers
(1) Printers(Data processing)
(1) Teleprinters

The Hierarchical Index is a reference tool or guide and is intended to a browsing feature in determining the best terms for retrieval.

A

Abandonment
(1)Bailout
(1)Ditching
(1)Submarine escape

Abnormalities
(1)Congenital abnormalities

Absorbers(Equipment)
(1)Energy absorbers
(2)Shock absorbers

Access
(1)Computer access control
(1)Multiple access
(2)Code division multiple access
(2)Frequency division multiple access

Accidents
(1)Aviation accidents
(2)Crash landings
(3)Ditching
(1)Boat and ship accidents
(1)Crashes
(1)Derailment
(1)Drowning
(1)Motor vehicle accidents
(2)Blowouts
(2)Crashes
(1)Reactor accidents

Accumulators
(1)Hydraulic accumulators

Acetates
(1)Cellulose acetates
(1)Ethylenedinitrilo tetraacetates
(1)Triacetin

Acoustic equipment
(1)Acoustic arrays
(2)Sonar arrays
(1)Acoustic delay lines
(1)Acoustic detectors
(2)Hydrophones
(2)Sonobuoys
(1)Acoustic filters
(2)Optoacoustic filters
(1)Acoustic lenses
(1)Acoustic microscopes
(1)Acoustic resonators
(1)Acoustic windows
(1)Anechoic chambers
(1)Megaphones
(1)Sonar equipment
(2)Sonar arrays
(2)Sonar beacons
(2)Sonar domes
(2)Sonar receivers
(2)Sonar sound analyzers
(2)Sonar transducers
(1)Sound generators
(2)Acoustic horns
(2)Sound reproduction systems
(2)Tuning forks
(2)Underwater sound generators
(3)Sonar projectors
(4)Pingers
(1)Underwater sound equipment
(2)Underwater sound generators
(3)Sonar projectors
(4)Pingers

Acoustics
(1)Acoustic absorption
(2)Acoustic insulation
(1)Acoustic attenuation
(1)Acoustic channels
(1)Acoustic data
(1)Acoustic fields
(1)Acoustic insulation
(1)Acoustic measurement
(1)Acoustic tomography
(1)Acoustic waves
(2)Infrasonic radiation
(3)Infrasound
(2)Sound waves
(2)Surface acoustic waves
(2)Ultrasonic radiation
(1)Acoustooptics
(1)Bioacoustics
(1)Electroacoustics
(1)Geoacoustics
(1)Magnetoacoustics
(1)Sound
(2)Audio tones
(2)Noise(Sound)
(3)Aerodynamic noise
(4)Sonic boom
(3)Aircraft noise
(4)Jet aircraft noise
(3)Cavitation noise
(3)Combat noise
(3)Engine noise
(4)Aircraft engine noise
(4)Internal combustion engine noise
(4)Jet engine noise
(4)Rocket engine noise
(3)Flow noise
(3)Industrial noise
(4)Machinery noise
(5)Compressor noise
(5)Electric motor noise
(5)Gear noise
(3)Marine biological noise
(3)Propeller noise
(3)Quiet
(3)Self noise
(3)Ship noise
(3)Submarine noise
(3)Torpedo noise
(2)Ultrasonics
(3)Ultrasonic radiation
(2)Underwater sound
(3)Underwater sound signals
(4)Sonar signals
(5)Sonar echoes
(5)Sonar pulses

(1)Thermoacoustics

Acquisition
(1)Data acquisition
(2)Observation
(1)Procurement
(2)Government procurement
(3)Military procurement
(4)Air Force procurement
(4)Army procurement
(4)Naval procurement
(2)Industrial procurement
(1)Target acquisition

Activation
(1)Heat of activation
(1)Neutron activation

Actuators
(1)Explosive actuators
(2)Propellant actuated devices
(3)Cartridges(Pad)
(1)Hydraulic actuators
(1)Pneumatic actuators

Acuity
(1)Auditory acuity
(1)Visual acuity

Adaptation
(1)Adaptation(Physiology)
(2)Acclimatization
(3)Altitude acclimatization
(3)Heat acclimatization
(2)Dark adaptation
(2)Homeostasis
(1)Adjustment(Psychology)

Adaptive systems
(1)Adaptive communications
(1)Adaptive control systems
(2)Automation
(1)Adaptive filters
(1)Adaptive optics
(2)Phase conjugation
(1)Learning machines

Additives
(1)Antifreezes
(1)Antioxidants
(1)Foaming inhibitors
(1)Food additives
(1)Fuel additives
(2)Fuel thickeners
(1)Lubricant additives
(1)Paint thinners
(1)Plasticizers
(2)Solid rocket propellant plasticizers

Adhesives
(1)Pastes
(1)Rubber adhesives

Adsorbents
(1)Getters

Advection
(1)Blowdown

Adverse conditions
(1)Catastrophic conditions

Aeronautics
(1)All weather aviation
(1)Army aviation
(1)Civil aviation
(2)Commercial aviation
(1)Marine Corps aviation
(1)Naval aviation

Agreements
(1)Treaties

Agriculture
(1)Agricultural chemistry
(2)Fertilizers
(1)Agricultural economics
(1)Agronomy
(1)Animal husbandry
(1)Aquiculture
(2)Fisheries
(1)Farms
(2)Dairy equipment
(2)Orchards
(2)Rice paddies
(1)Forestry
(2)Reforestation
(2)Silviculture
(1)Horticulture
(2)Hydroponics
(1)Irrigation systems
(1)Planting
(1)Soil science
(2)Soil chemistry
(2)Soil classification

Air
(1)Compressed air

Air cleaners
(1)Air filters

Air space
(1)Ullage

Air traffic control systems
(1)Air control centers
(2)Tactical air control systems
(1)Air traffic control terminal areas
(1)Glide path systems
(2)Glide slope
(1)Microwave landing systems
(1)Radar landing control
(2)Airport radar systems
(2)Carrier controlled approach radar
(2)Ground controlled approach radar

Aircraft
(1)Aerospace craft
(2)Aerospaceplanes
(2)Boost glide vehicles
(2)Lifting bodies
(3)Lifting reentry vehicles
(1)Airships
(1)All wing aircraft
(1)Amphibious aircraft
(1)Balloons
(2)Ballutes
(2)Meteorological balloons
(2)Powered balloons
(1)Commercial aircraft
(1)Composite aircraft
(1)Downed aircraft
(1)Drones
(2)Drone control aircraft
(2)Remotely piloted vehicles
(2)Surveillance drones
(2)Target drones
(1)Fixed wing aircraft
(1)General aviation aircraft
(1)Gliders
(1)Ground effect machines
(2)Air cushion vehicles
(2)Captive airspace craft
(1)Jet aircraft
(2)Hypersonic aircraft
(2)Jet bombers
(3)Fighter bombers
(2)Jet fighters
(3)Fighter bombers
(2)Jet flying boats
(2)Jet seaplanes
(2)Jet training aircraft
(2)Jet transport aircraft
(3)Supersonic transport aircraft
(2)Supersonic aircraft
(3)Supersonic transport aircraft
(1)Military aircraft
(2)Antisubmarine aircraft
(2)Army aircraft
(2)Bomber aircraft
(3)Attack bombers
(3)Fighter bombers
(3)Jet bombers
(4)Fighter bombers
(2)Electronic aircraft
(2)Fighter aircraft
(3)Air superiority fighters
(3)Fighter bombers
(3)Jet fighters
(4)Fighter bombers
(2)Marine Corps aircraft
(2)Naval aircraft
(3)Carrier based aircraft
(2)Reconnaissance aircraft
(3)Patrol aircraft
(3)Weather reconnaissance aircraft
(2)Tactical aircraft
(3)Attack aircraft
(4)Attack bombers
(4)Attack helicopters
(3)Gunships
(3)Observation aircraft
(1)Parasite aircraft
(1)Research aircraft
(1)Rocket aircraft
(1)Short takeoff aircraft
(2)Tilt wing aircraft
(2)Vertical takeoff aircraft
(3)Convertible planes
(3)Flying platforms
(3)Rotary wing aircraft
(4)Autogyros
(4)Helicopters
(5)Attack helicopters
(4)Tilt rotor aircraft
(3)Tilt rotor aircraft
(1)Tailless aircraft
(1)Tanker aircraft
(1)Tilt wing aircraft
(1)Towed aircraft
(1)Towing aircraft
(1)Training aircraft
(2)Jet training aircraft
(1)Transonic aircraft
(1)Transport aircraft
(2)Jet transport aircraft
(3)Supersonic transport aircraft
(2)Passenger aircraft
(1)Utility aircraft
(1)Variable stability aircraft
(1)Water based aircraft
(2)Flying boats
(3)Jet flying boats
(2)Seaplanes
(3)Jet seaplanes

Aircraft equipment
(1)Aircraft antennas
(2)Airship antennas
(1)Aircraft control cables
(1)Aircraft seats
(2)Pilot seats
(1)Aircraft tires

Airfoils
(1)Aerodynamic control surfaces
(2)Bomb fins
(2)Flaps(Control surfaces)
(3)Air brake flaps
(3)Leading edge flaps
(3)Slotted flaps
(3)Split flaps
(3)Spoilers
(2)Folding fins(Rockets)
(2)Horizontal stabilizers
(2)Strakes
(2)Trailing control surfaces
(3)Ailerons
(3)Elevators
(3)Elevons
(3)Trim tabs
(2)Vertical stabilizers
(1)Blade airfoils
(2)Rotor blades(Rotary wings)
(1)Low drag airfoils
(1)Supercritical airfoils

(2)Supercritical wings
(1)Supersonic airfoils
(2)Sweptback wings
(1)Transonic airfoils
(1)Wings
(2)Circular wings
(2)Composite wings
(2)Cranked wings
(2)Cruciform wings
(2)Floating wings
(2)Folding wings
(2)Parawings
(3)Sailwings
(2)Ring wings
(2)Rotary wings
(3)Autogyro rotors
(3)Helicopter rotors
(4)Antitorque rotors
(5)Tail rotors
(6)Tail helicopter rotors
(4)Folding helicopter rotors
(4)Jet helicopter rotors
(4)Telescoping rotors
(2)Supercritical wings
(2)Swept wings
(3)Delta wings
(4)Conical wings
(3)Sweptback wings
(3)Sweptforward wings
(3)Variable sweep wings
(3)Varying sweep wings
(2)Thick wings
(2)Thin wings
(2)Tilt wings
(2)Variable incidence wings
(2)Wing boxes
(2)Wing tips
(2)Yawed wings

Airframes
(1)Aircraft panels
(1)Airship envelopes
(1)Fuselages
(2)Aircraft cabins
(3)Wheel wells
(2)Aircraft doors
(3)Bomb bay doors
(3)Landing gear doors
(2)Aircraft noses
(2)Cockpits
(3)Jettisonable cockpits
(2)Flying boat hulls
(2)Tails(Aircraft)
(1)Landing gear
(2)Hydroskis
(2)Nose wheels
(2)Seaplane floats
(2)Tail wheels
(1)Wings
(2)Circular wings
(2)Composite wings
(2)Cranked wings
(2)Cruciform wings
(2)Floating wings
(2)Folding wings
(2)Parawings
(3)Sailwings
(2)Ring wings
(2)Rotary wings
(3)Autogyro rotors
(3)Helicopter rotors
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(5)Tail rotors
(6)Tail helicopter rotors
(4)Folding helicopter rotors
(4)Jet helicopter rotors
(4)Telescoping rotors
(2)Supercritical wings
(2)Swept wings
(3)Delta wings
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(3)Sweptforward wings
(3)Variable sweep wings
(3)Varying sweep wings
(2)Thick wings
(2)Thin wings
(2)Tilt wings
(2)Variable incidence wings
(2)Wing boxes
(2)Wing tips
(2)Yawed wings

Airlift operations
(1)Airmobile operations

Alignment
(1)Camber
(1)Misalignment

Alkaloids
(1)Colchicine
(1)Indole alkaloids
(2)Ergot alkaloids
(2)Rauwolfia alkaloids
(3)Reserpine
(1)Isoquinoline alkaloids
(2)Anhalonium alkaloids
(2)Curare alkaloids
(2)Opium alkaloids
(3)Morphine
(4)Heroin
(2)Strychnos alkaloids
(1)Muscarine
(1)Nicotine
(1)Oripavine
(1)Purine alkaloids
(2)Caffeine
(1)Quinoline alkaloids
(2)Cinchona alkaloids
(3)Quinine
(1)Thebaine
(1)Tropane alkaloids
(2)Belladonna alkaloids
(3)Atropine
(2)Cocaine
(2)Scopolamine

Allocations
(1)Billets(Personnel)
(1)Frequency allocation

Alloys
(1)Alkali metal alloys
(2)Cesium alloys
(2)Lithium alloys
(2)Potassium alloys
(2)Sodium alloys
(1)Aluminum alloys
(1)Barium alloys
(1)Beryllium alloys
(1)Binary alloys
(1)Bismuth alloys
(1)Brazing alloys
(1)Cadmium alloys
(1)Calcium alloys
(1)Carbon alloys
(1)Casting alloys
(1)Chromium alloys
(2)Stainless steel
(1)Cobalt alloys
(1)Copper alloys
(2)Brass
(2)Bronze
(2)Copper nickel alloys
(3)Monel metal
(2)Manganin
(1)Corrosion resistant alloys
(1)Gadolinium alloys
(1)Gallium alloys
(1)Gold alloys
(1)Hafnium alloys
(1)Heat resistant alloys
(2)Refractory metal alloys
(3)Iridium alloys
(3)Molybdenum alloys
(3)Niobium alloys
(3)Osmium alloys
(3)Rhenium alloys
(3)Ruthenium alloys
(3)Tantalum alloys
(3)Tungsten alloys
(2)Superalloys
(1)High strength alloys
(1)Indium alloys
(1)Intermetallic compounds
(2)Aluminum intermetallics
(2)Gold intermetallics
(2)Iron intermetallics
(2)Lanthanum intermetallics
(2)Nickel intermetallics
(3)Nickel aluminide
(2)Samarium intermetallics
(2)Titanium aluminide
(1)Iron alloys
(2)Iron intermetallics
(2)Steel
(3)Austenite
(3)Bainite
(3)Carbon steels
(3)Low alloy steels
(3)Maraging steels
(3)Martensite
(3)Nickel steels
(3)Ordnance steel
(3)Pearlite
(3)Stainless steel
(3)Structural steel
(3)Tool steel
(1)Lead alloys
(1)Low temperature alloys
(1)Magnesium alloys
(1)Magnetic alloys
(1)Manganese alloys
(2)Manganin
(1)Mercury alloys
(2)Amalgams
(1)Metalloid alloys
(2)Antimony alloys
(2)Arsenic alloys
(2)Boron alloys
(2)Germanium alloys
(2)Silicon alloys
(2)Tellurium alloys
(1)Metastable alloys
(2)Martensite
(1)Neodymium alloys
(1)Nickel alloys
(2)Copper nickel alloys
(3)Monel metal
(2)Nickel alloy inconel
(2)Nickel intermetallics
(3)Nickel aluminide
(2)Nickel steels
(1)Palladium alloys
(1)Phosphorus alloys
(1)Platinum alloys
(1)Plutonium alloys
(1)Powder alloys
(1)Rare earth alloys
(2)Cerium alloys
(2)Misch metal
(1)Rhodium alloys
(1)Selenium alloys
(1)Shape memory alloys
(1)Silver alloys
(2)Silver solders
(1)Soldering alloys
(2)Silver solders
(1)Strontium alloys
(1)Thallium alloys
(1)Thorium alloys
(1)Tin alloys
(1)Titanium alloys
(1)Uranium alloys
(1)Vanadium alloys
(1)Yttrium alloys
(1)Zinc alloys
(1)Zirconium alloys

Alphabets
(1)Vowels

Altitude
(1)Elevation
(2)Low elevation
(1)High altitude
(1)Low altitude

(1)Medium altitude
(1)Sea level

Amplification
(1)Image intensification
(1)Regeneration(Electronics)

Amplifiers
(1)Audio amplifiers
(1)Bandpass amplifiers
(1)Cathode followers
(1)Current amplifiers
(1)Dielectric amplifiers
(1)Distributed amplifiers
(1)Feedback amplifiers
(1)Fluid amplifiers
(2)Fluidic amplifiers
(1)Light amplifiers
(2)Lasers
(3)Chemical lasers
(3)Continuous wave lasers
(3)Electrical lasers
(3)Excimers
(4)Oxygen iodine lasers
(3)Free electron lasers
(3)Gas lasers
(4)Argon lasers
(4)Carbon dioxide lasers
(4)Carbon monoxide lasers
(4)Gas dynamic lasers
(4)Helium cadmium lasers
(4)Helium neon lasers
(4)Hydrogen chloride lasers
(4)Hydrogen fluoride lasers
(4)Nitrogen lasers
(4)TEA lasers
(4)Xenon lasers
(3)High energy lasers
(3)Infrared lasers
(4)Carbon dioxide lasers
(3)Injection lasers
(3)Laser applications
(4)Laser induced fluorescence
(4)Laser induced fusion
(4)Laser medical diagnosis
(4)Laser spectroscopy
(4)Laser welding
(3)Laser arrays
(3)Laser components
(4)Laser amplifiers
(4)Laser mirrors
(3)Laser weapons
(3)Liquid lasers
(4)Dye lasers
(3)Mode locked lasers
(3)Molecular lasers
(3)Photorecombination lasers
(3)Pulsed lasers
(3)Ring lasers
(3)Solid state lasers
(4)Glass lasers
(5)Neodymium lasers
(4)Ruby lasers
(4)Semiconductor lasers
(5)Diode lasers
(5)Gallium arsenide lasers
(4)Vertical cavity surface emitting lasers
(4)YAG lasers
(3)Spin flip lasers
(3)Tunable lasers
(3)Ultraviolet lasers
(3)X ray lasers
(1)Logarithmic amplifiers
(1)Low noise amplifiers
(1)Magnetic amplifiers
(1)Operational amplifiers
(1)Power amplifiers
(1)Preamplifiers
(1)Pulse amplifiers
(1)Push pull amplifiers
(1)Radiofrequency amplifiers
(2)Intermediate frequency amplifiers
(2)Microwave amplifiers
(3)Backward wave amplifiers
(3)Masers
(3)Parametric amplifiers
(1)Servoamplifiers
(1)Transistor amplifiers
(1)Tuned amplifiers
(1)Video amplifiers
(1)Voltage amplifiers

Analog systems
(1)Analog computers
(2)Analog computer analysis

Analyzers
(1)Differential analyzers
(2)Digital differential analyzers
(1)Electrostatic analyzers
(1)Frequency analyzers
(2)Harmonic analyzers
(1)Interference analyzers
(1)Noise analyzers
(1)Pulse analyzers
(2)Pulse height analyzers
(1)Sound analyzers
(2)Sonar sound analyzers
(1)Spectrum analyzers
(2)Spectrophotometers
(3)Infrared spectrophotometers
(3)Ultraviolet spectrophotometers
(1)Wave analyzers
(2)Harmonic analyzers

Anchors
(1)Anchors(Marine)
(1)Anchors(Structural)
(1)Grapnels

Angles
(1)Angle of incidence
(2)Angle of arrival
(2)Grazing angles
(1)Anhedral angle
(1)Aspect angle
(1)Bragg angle
(1)Depression angles
(1)Dihedral angle
(1)Euler angles

(1)High angles
(1)Low angles
(2)Grazing
(2)Grazing angles
(1)Pitch(Inclination)
(1)Right angles
(1)Target angle
(2)Lead angle
(1)Wide angles
(1)Yaw

Anhydrides
(1)Acetic anhydride

Animals
(1)Aquatic animals
(2)Aquatic insects
(2)Cetacea
(3)Dolphins(Mammals)
(3)Porpoises
(3)Whales
(2)Cyclostomata
(2)Daphnia
(2)Echinodermata
(3)Sea urchins
(3)Starfishes
(2)Fishes
(3)Chondrichthyes
(4)Sharks
(3)Eels
(3)Fish gills
(3)Minnows
(3)Osteichthyes
(3)Trout
(3)Tuna
(2)Marine borers
(3)Shipworms
(2)Seals(Mammals)
(2)Shellfish
(3)Crustacea
(4)Barnacles
(4)Crabs
(4)Decapoda
(5)Lobster
(4)Isopoda
(4)Ostracoda
(4)Shrimp
(3)Pelecypoda
(4)Clams
(4)Mussels
(4)Oysters
(2)Sponges
(1)Domestic animals
(2)Livestock
(3)Bovines
(3)Goats
(3)Poultry
(4)Chickens
(4)Ducks
(4)Turkeys
(3)Sheep
(3)Swine
(1)Invertebrates
(2)Arthropoda
(3)Arachnida
(4)Mites
(5)Trombiculid mites
(4)Spiders
(4)Ticks
(5)Ixodidae
(3)Crustacea
(4)Barnacles
(4)Crabs
(4)Decapoda
(5)Lobster
(4)Isopoda
(4)Ostracoda
(4)Shrimp
(3)Daphnia
(3)Insects
(4)Aquatic insects
(4)Blood sucking insects
(4)Coleoptera
(4)Diptera
(5)Culicidae
(6)Aedes
(6)Anopheles
(6)Culex
(6)Uranotaenia
(5)Culicoides
(5)Drosophilidae
(6)Drosophila
(5)Muscidae
(6)Musca
(4)Hemiptera
(4)Hymenoptera
(5)Formicidae
(4)Isoptera
(5)Termites
(4)Lepidoptera
(4)Lice
(4)Orthoptera
(5)Blattidae
(4)Siphonaptera
(5)Pulex
(6)Sand fleas
(4)Winged insects
(2)Coelenterata
(3)Coral
(4)Coral reefs
(5)Atolls
(6)Bikini Atoll
(6)Enewetak Atoll
(6)Kwajalein Atoll
(2)Echinodermata
(3)Sea urchins
(3)Starfishes
(2)Mollusca
(3)Cephalopoda
(4)Decapoda
(5)Lobster
(3)Gastropoda
(4)Aplysia
(4)Snails
(3)Pelecypoda
(4)Clams
(4)Mussels
(4)Oysters
(2)Protozoa
(3)Actinopoda

(4)Radiolaria
(3)Ciliata
(4)Balantidium
(4)Paramecium
(3)Dinoflagellata
(4)Pfiesteria
(3)Mastigophora
(4)Mastigotes
(3)Rhizopoda
(4)Amoebina
(5)Amoeba
(6)Entamoeba histolytica
(6)Iodamoeba
(4)Foraminifera
(3)Sporozoa
(4)Eucoccidia
(5)Coccidium
(4)Hemosporidia
(5)Babesia
(5)Plasmodium
(6)Plasmodium berghei
(6)Plasmodium falciparum
(6)Plasmodium knowlesi
(6)Plasmodium vivax
(4)Toxoplasma
(3)Zoomastigina
(4)Leishmania
(4)Trypanosoma
(5)Trypanosoma cruzi
(2)Shellfish
(3)Crustacea
(4)Barnacles
(4)Crabs
(4)Decapoda
(5)Lobster
(4)Isopoda
(4)Ostracoda
(4)Shrimp
(3)Pelecypoda
(4)Clams
(4)Mussels
(4)Oysters
(2)Sponges
(2)Worms
(3)Annelida
(4)Oligochaeta
(4)Polychaeta
(3)Nematoda
(4)Ancylostoma
(4)Ascaris
(4)Enterobius
(4)Filariae
(4)Meloidogyne
(4)Syphacia
(4)Trichinella
(4)Trichuris
(4)Wuchereria
(3)Platyhelminthes
(4)Trematodes
(5)Schistosoma
(6)Schistosoma japonicum
(6)Schistosoma mansoni
(3)Shipworms
(1)Laboratory animals
(2)Germ free animals
(1)Nocturnal animals
(1)Venomous animals
(2)Vipers
(1)Vertebrates
(2)Amphibians
(3)Frogs
(2)Birds
(3)Pigeons
(3)Poultry
(4)Chickens
(4)Ducks
(4)Turkeys
(3)Shorebirds
(4)Gulls
(3)Waterfowl
(4)Ducks
(4)Geese
(4)Swans
(2)Fishes
(3)Chondrichthyes
(4)Sharks
(3)Eels
(3)Fish gills
(3)Minnows
(3)Osteichthyes
(3)Trout
(3)Tuna
(2)Mammals
(3)Bats
(3)Bovines
(3)Carnivora
(4)Cats
(4)Dogs
(5)Military dogs
(4)Seals(Mammals)
(4)Weasels
(4)Wolverines
(3)Cetacea
(4)Dolphins(Mammals)
(4)Porpoises
(4)Whales
(3)Deer
(3)Equines
(4)Horses
(3)Goats
(3)Insectivora
(3)Marsupials
(3)Primates
(4)Apes
(5)Chimpanzees
(4)Humans
(5)Adults
(5)Volunteers
(5)Women
(5)Youth
(6)Adolescents
(6)Children
(7)Infants
(4)Monkeys
(5)Baboons
(5)Macaque monkeys
(6)Macaca fascicularis
(6)Rhesus monkeys
(5)Owl monkeys
(5)Squirrel monkeys

(3)Rabbits
(3)Rodents
(4)Guinea pigs
(4)Hamsters
(4)Mice
(4)Rats
(4)Squirrels
(3)Sheep
(3)Swine
(2)Reptiles
(3)Snakes
(4)Cobras
(4)Rattlesnakes
(4)Vipers
(3)Turtles
(1)Wildlife
(2)Endangered species

Anomalies
(1)Gravity anomalies
(2)Bouguer gravity anomalies
(1)Magnetic anomalies

Antennas
(1)Aircraft antennas
(2)Airship antennas
(1)Antenna arrays
(2)Focal plane arrays
(1)Antenna components
(2)Antenna feeds
(2)Antenna masts
(2)Antenna pedestals
(1)Beverage antennas
(1)Broadband antennas
(2)Conical antennas
(3)Biconical antennas
(3)Discone antennas
(2)Log periodic antennas
(2)Spiral antennas
(1)Circular antennas
(1)Coupled antennas
(1)Cylindrical antennas
(1)Dipole antennas
(1)Directional antennas
(2)Backfire antennas
(2)Helical antennas
(2)Loop antennas
(2)Nutating antennas
(2)Parabolic antennas
(2)Radar antennas
(2)Slot antennas
(2)Steerable antennas
(2)Yagi antennas
(1)Ground vehicle antennas
(1)Guided missile antennas
(1)Microwave antennas
(2)Cassegrain antennas
(2)Horn antennas
(2)Lens antennas
(3)Luneberg lens antennas
(2)Slot antennas
(1)Multiple beam antennas
(1)Omnidirectional antennas
(2)Monopole antennas
(3)Whip antennas
(1)Rocket antennas
(1)Rotating antennas
(1)Ship antennas
(2)Submarine antennas
(1)Spacecraft antennas
(2)Satellite antennas
(1)Telemetering antennas
(1)Television antennas
(1)Trailing wire antennas
(1)Underground antennas
(1)Unfurlable antennas

Antibodies
(1)Agglutinins
(1)Fluorescent antibody techniques
(1)Immunoblocking antibodies
(1)Immunoglobulins
(1)Monoclonal antibodies
(1)Opsonins
(1)Rickettsial antibodies

Antigens
(1)Allergens
(1)Immunogens
(2)Immune serums

Apertures
(1)Antenna apertures
(2)Antenna windows

Appendages
(1)Flippers

Aquatic organisms
(1)Aquatic animals
(2)Aquatic insects
(2)Cetacea
(3)Dolphins(Mammals)
(3)Porpoises
(3)Whales
(2)Cyclostomata
(2)Daphnia
(2)Echinodermata
(3)Sea urchins
(3)Starfishes
(2)Fishes
(3)Chondrichthyes
(4)Sharks
(3)Eels
(3)Fish gills
(3)Minnows
(3)Osteichthyes
(3)Trout
(3)Tuna
(2)Marine borers
(3)Shipworms
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(2)Shellfish
(3)Crustacea
(4)Barnacles
(4)Crabs
(4)Decapoda
(5)Lobster
(4)Isopoda
(4)Ostracoda

(4)Shrimp
(3)Pelecypoda
(4)Clams
(4)Mussels
(4)Oysters
(2)Sponges
(1)Aquatic plants
(2)Aquatic weeds
(3)Alligator weed
(3)Water hyacinth
(2)Kelp
(1)Plankton
(2)Nekton
(2)Phytoplankton
(2)Plankton blooms
(2)Zooplankton

Arrays
(1)Acoustic arrays
(2)Sonar arrays
(1)Antenna arrays
(2)Focal plane arrays
(1)Laser arrays
(1)Linear arrays
(1)Phased arrays
(1)Seismic arrays
(1)Suspended arrays
(1)Towed arrays

Arrival
(1)Angle of arrival

Asynchronous systems
(1)Asynchronous computers

Atmospheres
(1)Controlled atmospheres
(2)Clean rooms
(2)Germ free atmospheres
(2)Submarine atmospheres
(1)Magnetosphere
(1)Marine atmospheres
(1)Planetary atmospheres
(2)Earth atmosphere
(3)Sky
(4)Night sky
(4)Sky brightness
(3)Stratosphere
(3)Troposphere
(4)Tropopause
(3)Upper atmosphere
(4)Exosphere
(4)Ionosphere
(5)D region
(5)E region
(5)F region
(6)Spread f
(5)Ionospheric disturbances
(6)Aurorae
(6)Ionospheric scintillation
(6)Polar cap absorption
(4)Mesopause
(4)Mesosphere
(4)Radiation belts
(5)Van Allen radiation belt
(4)Thermosphere
(2)Endoatmosphere
(2)Plasmasphere
(1)Rarefied atmospheres
(1)Stellar atmospheres
(2)Solar atmosphere
(3)Chromosphere
(3)Photosphere
(3)Solar corona

Atmospheric disturbances
(1)Greenhouse effect
(1)Ionospheric disturbances
(2)Aurorae
(2)Ionospheric scintillation
(2)Polar cap absorption

Atomic properties
(1)Atomic charge
(1)Atomic spectra
(2)Rydberg constant
(2)Stark effect
(2)Zeeman effect
(1)Atomic structure
(2)Atomic energy levels
(3)Ground state
(2)Atomic orbitals
(1)Mass number
(1)Spin states
(2)Isospin

Atoms
(1)Adatoms
(1)Recoil atoms
(1)Stripped atoms

Attack
(1)Angle of attack
(1)Bombardment(Attack)
(1)Raids
(1)Torpedo attack

Attenuators
(1)Mufflers
(2)Engine mufflers
(2)Silencers(Ordnance)

Auditory defects
(1)Deafness

Augmentation
(1)Optical augmentation
(1)Thrust augmentation

Automatic
(1)Semiautomatic

Availability
(1)Isotope availability

Avoidance
(1)Collision avoidance
(1)Terrain avoidance

B

Backup systems
(1)Auxiliary power plants
(1)Standby generators

Balance
(1)Heat balance

Ballistics
(1)Aeroballistics
(1)Exterior ballistics
(2)Indirect fire
(1)Hydroballistics
(2)Underwater ballistics
(1)Interior ballistics
(2)Balloting(Interior ballistics)
(2)Obturation(Ballistics)
(1)Terminal ballistics
(2)Impact point
(3)Craters
(2)Wound ballistics

Balloon equipment
(1)Balloonsondes

Bandwidth
(1)Broadband
(1)Narrowband

Beams(Radiation)
(1)Acoustic beams
(1)Beams(Electromagnetic)
(2)Laser beams
(2)Radio beams
(3)Microwave beams
(3)Radar beams
(1)Microbeams
(1)Multiple beams(Radiation)
(1)Narrow beams(Radiation)
(2)Pencil beams
(1)Particle beams
(2)Atomic beams
(2)Deuteron beams
(2)Electron beams
(2)Ion beams
(2)Molecular beams
(2)Neural particle beams
(2)Neutral particle beams
(2)Neutron beams
(2)Photon beams
(2)Proton beams
(2)Triton beams

Bearings
(1)Antifriction bearings
(2)Ball bearings
(2)Roller bearings
(3)Journal bearings
(3)Needle bearings
(1)Bearing cages
(1)Bearing races
(1)Foil bearings
(1)Gas bearings
(1)Jewel bearings
(1)Thrust bearings

Bedding
(1)Blankets
(1)Mattresses
(1)Sleeping bags

Belts
(1)Power transmission belts

Bifurcation(Biology)
(1)Cell division
(2)Meiosis
(2)Mitosis
(2)Schizogony
(3)Merozoites
(2)Synapsis

Billets
(1)Billets(Materials)

Binders
(1)Solid rocket propellant binders

Biological agents
(1)Biological warfare agents
(2)B agents

Biological extracts
(1)Allergenic extracts
(1)Bacterial extracts
(1)Tissue extracts

Biological products
(1)Vaccines
(2)Live vaccines
(2)Plague vaccine

Bionics
(1)Artificial intelligence
(2)Expert systems
(3)Knowledge based systems
(3)Rule based systems
(2)Hypertext
(1)Biomechanics
(1)Virtual reality

Blades
(1)Blade tips
(1)Fan blades
(1)Propeller blades
(1)Rotor blades
(2)Rotor blades(Rotary wings)
(2)Rotor blades(Turbomachinery)
(3)Compressor blades
(4)Axial flow compressor blades
(3)Turbine blades
(4)Gas turbine blades
(4)Steam turbine blades
(1)Saw blades

Blocking
(1)Barriers
(2)Baffles
(2)Fences

(3)Electric fences
(3)Grilles

Blooming
(1)Thermal blooming

Boats
(1)Barges
(1)Catamarans
(2)Swath ships
(1)Crash rescue boats
(1)Ferries(Water craft)
(1)Fireboats
(1)Gun boats
(1)Hydrofoil craft
(1)Lifeboats
(1)Lighters(Boats)
(1)Motor torpedo boats
(1)Plastic boats
(1)Rubber boats
(1)Sampans
(1)Swimmer vehicles
(1)Tugboats

Bodies
(1)Afterbodies
(2)Boattail afterbodies
(2)Flared afterbodies
(1)Blunt bodies
(1)Bodies of revolution
(2)Conical bodies
(3)Frustums
(2)Cylindrical bodies
(3)Stiffened cylinders
(4)Ring stiffened cylinders
(2)Hemispheres
(2)Hemispherical shells
(2)Ogives
(2)Parabolic bodies
(2)Spheres
(3)Microspheres
(1)Ceramic bodies
(1)Concave bodies
(1)Convex bodies
(2)Cylindrical bodies
(3)Stiffened cylinders
(4)Ring stiffened cylinders
(2)Disks
(2)Ellipsoids
(2)Hemispheres
(2)Hemispherical shells
(2)Monocoques
(2)Ogives
(2)Parabolic bodies
(2)Spheres
(3)Microspheres
(1)Ducted bodies
(1)Falling bodies
(1)Floating bodies
(2)Floating bases
(2)Floating platforms
(2)Waterborne
(1)Prismatic bodies
(1)Rectangular bodies
(1)Sharp bodies
(1)Slender bodies
(2)Fineness ratio
(1)Solid bodies

Brakes
(1)Chocks
(1)Disk brakes
(1)Electric brakes
(2)Magnetic brakes
(1)Hydraulic brakes
(1)Pneumatic brakes
(1)Vehicle brakes
(2)Wheel brakes
(1)Water brakes

Bridges
(1)Causeways
(1)Girder bridges
(1)Military bridges
(1)Trestles

Bubbles
(1)Cavitation
(1)Explosion bubbles

Burners
(1)Annular burners
(1)Oil burners
(1)Ramburners

Burst transmission
(1)Meteor burst communications

C

Cables
(1)Cable assemblies
(1)Electric cables
(2)Coaxial cables
(3)Liquid filled coaxial cables
(1)Mechanical cables
(2)Aircraft control cables
(2)Towing cables
(1)Multiconductor cables
(1)Underwater cables

Canopies
(1)Aircraft canopies
(1)Parachute canopies
(1)Tree canopy

Capacitors
(1)Ceramic capacitors
(2)Glass capacitors
(1)Electrolytic capacitors
(2)Tantalum capacitors
(1)Fixed capacitors
(2)Mica capacitors
(2)Paper capacitors
(2)Thin film capacitors
(1)Quartz capacitors

(1)Variable capacitors

Capacity(Quantity)
(1)Volume
(2)Blood volume

Cards
(1)Punched cards

Cargo
(1)Bulk cargo
(1)Perishable cargo

Casualties
(1)Amputees
(1)Biological warfare casualties
(1)Chemical warfare casualties
(1)Nuclear warfare casualties

Catalysts
(1)Electrocatalysts

Cells
(1)Electrolytic cells
(2)Wet cells
(1)Fuel cells
(2)Hydrogen oxygen fuel cells
(1)Gas cells
(1)Kerr cells
(1)Lithium chlorine cells
(1)Load cells
(1)Photoelectric cells(Semiconductor)
(2)Infrared photoelectric cells
(1)Pockels cells
(1)Solar cells

Ceramic materials
(1)Brick
(1)Cements
(1)Frit
(1)Glass
(2)Alkali glass
(2)Bulletproof glass
(2)Fiberglass
(2)Glass transition temperature
(2)Laminated glass
(2)Optical glass
(2)Phosphate glass
(2)Silica glass
(1)Tiles

Chains
(1)Anchor chains
(1)Tire chains

Chambers
(1)Altitude chambers
(1)Anechoic chambers
(1)Combustion chambers
(2)Combustors
(2)Flame holders
(2)Thrust chambers
(1)Hyperbaric chambers
(2)Decompression chambers
(1)Hypobaric chambers
(1)Ionization chambers
(2)Bubble chambers
(2)Cloud chambers
(2)Spark chambers
(1)Plenum chambers
(1)Space simulation chambers
(1)Vacuum chambers

Charged particles
(1)Alpha particles
(1)Antiprotons
(1)Deuterons
(1)Electrons
(2)Auger electrons
(2)Beta particles
(2)Electron gas
(2)Free electrons
(2)Photoelectrons
(2)Relativistic electrons
(1)Ions
(2)Anions
(2)Cations
(3)Deuterium ion concentration
(2)Complex ions
(2)Free radicals
(2)Heavy ions
(2)Molecular ions
(3)Dipolar ions
(2)Protons
(2)Stripped atoms
(1)Muons
(1)Positrons
(1)Protons
(1)Recoil particles
(1)Trapping(Charged particles)
(1)Tritons

Charts
(1)Flow charting
(1)Meteorological charts

Chemical agents
(1)Binary chemical agents
(1)Bleaching agents
(1)Chelating agents
(1)Chemical warfare agents
(2)Antipersonnel agents
(3)Choking agents
(3)Incapacitating agents
(4)BZ agents
(4)Irritating agents
(5)CS agents
(5)Irritation
(5)Tear gas
(4)Psychochemical agents
(5)Psilocin
(5)Psychotropic agents
(6)Hallucinogens
(7)Lysergic acids
(7)Psilocin
(6)Psychoanaleptic agents
(6)Tranquilizers
(7)Diazepam
(7)Methaqualone
(7)Oxazepam

(4)Riot control agents
(3)Nerve agents
(4)G agents
(5)GA agent
(5)GB agent
(5)GD agent
(4)V agents
(5)VE agent
(5)VX agent
(3)Vesicants
(4)Arsenic agents
(4)Lewisite
(4)Mustard agents
(5)HD agent
(5)Nitrogen mustards
(2)Blood agents
(2)C agents
(2)Chemical agent simulants
(2)Nonlethal agents
(3)Choking agents
(3)Incapacitating agents
(4)BZ agents
(4)Irritating agents
(5)CS agents
(5)Irritation
(5)Tear gas
(4)Psychochemical agents
(5)Psilocin
(5)Psychotropic agents
(6)Hallucinogens
(7)Lysergic acids
(7)Psilocin
(6)Psychoanaleptic agents
(6)Tranquilizers
(7)Diazepam
(7)Methaqualone
(7)Oxazepam
(4)Riot control agents
(3)Vomiting agents
(2)Poisonous gases
(3)Phosgene
(1)Cryoprotective agents
(1)Defoliants
(2)Agent Orange
(1)Dithizone
(1)Grignard reagents
(1)Lethal agents
(1)Toxic agents

Chemical analysis
(1)Assaying
(2)Bioassay
(1)Chromatography
(2)Chromatographic analysis
(2)Chromatographs
(2)Column chromatography
(2)Gas chromatography
(2)Gel permeation chromatography
(2)Liquid chromatography
(2)Plasma chromatography
(2)Thin layer chromatography
(1)Colorimetric analysis
(1)Gas analysis
(1)Gravimetric analysis
(2)Thermogravimetric analysis
(1)Microanalysis
(1)Polarographic analysis
(1)Qualitative analysis
(2)Stoichiometry
(3)Isomers
(4)Enantiomers
(1)Quantitative analysis
(1)Radioactivation analysis
(1)Volumetric analysis
(2)Titration
(3)Potentiometric analysis
(1)Water analysis
(2)Water quality

Chemical compounds
(1)Alkaline earth compounds
(2)Alkaline earth oxides
(3)Barium oxides
(3)Beryllium oxides
(3)Calcium oxides
(3)Magnesium oxides
(2)Barium compounds
(3)Barium chlorates
(3)Barium ferrites
(3)Barium halides
(3)Barium titanates
(4)Barium strontium titanates
(3)Yttrium barium copper oxides
(2)Beryllium compounds
(3)Beryllides
(2)Calcium compounds
(3)Calcium carbonates
(3)Calcium oxides
(3)Gypsum
(2)Magnesium compounds
(3)Magnesium oxides
(3)Magnesium sulfates
(2)Radium compounds
(2)Strontium compounds
(3)Barium strontium titanates
(1)Binary compounds
(1)Carbon compounds
(2)Carbides
(3)Boron carbides
(3)Silicon carbides
(3)Tantalum carbides
(3)Tungsten carbides
(2)Carbon dioxide
(2)Carbon disulfide
(2)Carbon monosulfide
(2)Carbon monoxide
(2)Carbonates
(3)Bicarbonates
(3)Calcium carbonates
(3)Polycarbonates
(3)Sodium carbonates
(2)Carbonyl compounds
(3)Metal carbonyls
(1)Chemical derivatives
(1)Complex compounds
(2)Chelate compounds
(2)Clathrate compounds
(2)Metal complexes
(3)Molecular complexes
(1)Group I compounds

(2)Copper compounds
(3)Copper oxides
(4)Yttrium barium copper oxides
(3)Copper sulfides
(2)Gold compounds
(3)Gold intermetallics
(2)Silver compounds
(3)Silver halides
(4)Silver chloride
(4)Silver iodide
(3)Silver oxides
(1)Group II compounds
(2)Cadmium compounds
(3)Cadmium selenides
(3)Cadmium sulfides
(3)Cadmium tellurides
(4)Cadmium zinc tellurides
(4)Mercury cadmium tellurides
(2)Mercury compounds
(3)Mercury cadmium tellurides
(2)Zinc compounds
(3)Zinc oxides
(3)Zinc selenides
(3)Zinc sulfides
(3)Zinc tellurides
(4)Cadmium zinc tellurides
(1)Group III compounds
(2)Aluminum compounds
(3)Aluminates
(3)Aluminides
(4)Iron aluminide
(4)Nickel aluminide
(4)Titanium aluminide
(3)Aluminosilicates
(3)Aluminum arsenides
(4)Aluminum gallium arsenides
(3)Aluminum laurate
(3)Aluminum nitrides
(3)Aluminum oxides
(3)Aluminum sulfate
(3)Triethylaluminum
(3)Trimethylaluminum
(2)Boron compounds
(3)Borates
(4)Fluoborates
(3)Borides
(4)Titanium boride
(3)Borines
(4)Phosphinoborines
(3)Boron carbides
(3)Boron hydrides
(4)Boranes
(5)Carboranes
(5)Decaboranes
(5)Diboranes
(5)Organoboranes
(5)Pentaboranes
(3)Boron nitrides
(3)Boron oxides
(2)Gallium compounds
(3)Gallates
(3)Gallium antimonides
(3)Gallium arsenides
(4)Aluminum gallium arsenides
(3)Gallium nitrides
(3)Gallium phosphides
(2)Indium compounds
(3)Indium antimonides
(3)Indium arsenides
(3)Indium phosphides
(2)Scandium compounds
(2)Thallium compounds
(2)Yttrium compounds
(3)Yttrium aluminum garnet
(3)Yttrium barium copper oxides
(3)Yttrium iron garnet
(3)Yttrium oxides
(1)Group II-VI compounds
(1)Group IV compounds
(2)Carbides
(3)Boron carbides
(3)Silicon carbides
(3)Tantalum carbides
(3)Tungsten carbides
(2)Germanium compounds
(3)Germanates
(2)Hafnium compounds
(3)Hafnium titanate
(2)Lead compounds
(3)Lead azides
(3)Lead oxides
(4)Lead dioxide
(3)Lead sulfides
(3)Lead tin tellurides
(3)Lead titanates
(4)Lead zirconate titanates
(2)Silicon compounds
(3)Polysilicons
(3)Silanes
(4)Chlorosilanes
(5)Trichlorosilane
(4)Polysilanes
(3)Silicates
(4)Aluminosilicates
(4)Fayalite
(4)Sodium silicates
(4)Zeolites
(3)Silicides
(4)Vanadium silicides
(3)Silicon carbides
(3)Silicon dioxide
(4)Fused silica
(4)Quartz
(3)Silicon nitrides
(3)Silicones
(3)Siloxanes
(2)Tin compounds
(3)Lead tin tellurides
(3)Stannates
(3)Stannides
(2)Titanium compounds
(3)Titanates
(4)Barium titanates
(5)Barium strontium titanates
(4)Bismuth titanate
(4)Hafnium titanate
(4)Lead titanates
(5)Lead zirconate titanates
(3)Titanium aluminide
(3)Titanium boride

(3)Titanium oxides
(4)Titanium dioxide
(5)Rutile
(2)Zirconium compounds
(3)Zirconates
(4)Lead zirconate titanates
(3)Zirconium oxides
(1)Group V compounds
(2)Antimony compounds
(3)Antimonates
(3)Antimonides
(4)Gallium antimonides
(4)Indium antimonides
(2)Arsenic compounds
(3)Arsenates
(3)Arsenic sulfides
(3)Arsenides
(4)Aluminum arsenides
(5)Aluminum gallium arsenides
(4)Gallium arsenides
(5)Aluminum gallium arsenides
(4)Indium arsenides
(3)Arsines
(3)Arsonic acid
(2)Bismuth compounds
(3)Bismuth oxides
(3)Bismuth tellurides
(3)Bismuth titanate
(2)Niobium compounds
(3)Niobates
(4)Lithium niobates
(2)Nitrogen compounds
(3)Ammonia
(4)Liquid ammonia
(3)Azides
(4)Lead azides
(4)Sodium azides
(3)Hydrazones
(3)Nitrates
(4)Ammonium nitrate
(5)Amatol
(4)Glycidyl nitrate
(4)Guanidine nitrates
(4)Sodium nitrates
(4)Tetraethylene pentamine nitrate
(3)Nitrides
(4)Aluminum nitrides
(4)Boron nitrides
(4)Gallium nitrides
(4)Oxynitrides
(4)Silicon nitrides
(3)Nitrites
(4)Ethyl nitrite
(4)Sodium nitrite
(3)Nitrogen oxides
(4)Nitrogen dioxide
(4)Nitrous oxide
(3)Organic nitrogen compounds
(4)Amides
(5)Acetamides
(6)Acetazolamide
(5)Cyanamides
(5)Formamides
(5)Formamidines
(5)Hydantoins
(5)Oxamides
(5)Sulfonamides
(4)Amines
(5)Amidines
(5)Anilines
(6)Toluidines
(5)Catecholamines
(6)Dopamine
(6)Epinephrine
(7)Norepinephrine
(5)Ethanolamine
(5)Ethylenediamine
(5)Fluoroamines
(5)Guanidines
(6)Guanidine nitrates
(6)Nitroguanidine
(5)Hexamines
(5)Histamine
(5)Melamines
(5)Methylamine
(5)Methylene blue
(5)Nitramines
(5)Nitrosamines
(5)Phenylamines
(5)Phenylenediamines
(5)Piperazines
(5)Piperidines
(6)Meperidine
(5)Pyrrolidines
(4)Diazo compounds
(5)Hydrazoic acid
(4)Imines
(5)Amidines
(5)Ethyleneimines
(4)Nitriles
(5)Acetonitrile
(5)Benzonitriles
(5)Cyanogen
(5)Propionitrile
(4)Nitrogen heterocyclic compounds
(5)Atropine
(5)Azoles
(6)Benzoxazoles
(6)Imidazoles
(6)Oxadiazoles
(6)Pyrazoles
(6)Pyrroles
(7)Polypyrroles
(6)Tetrazoles
(5)Cyclophosphamide
(5)Diazinon
(5)Indoles
(6)Serotonin
(5)Melamines
(5)Methotrexate
(5)Morpholine
(5)Phosphazene
(5)Primaquine
(5)Purines
(6)Adenine
(7)Adenosine
(6)Guanine
(5)Pyrimidines
(6)Alloxan
(6)Cytosine

(6)Pyrimethamine
(6)Uracils
(5)Quinine
(5)Quinolines
(6)Quinolinols
(5)Thiazoles
(4)Nitroso compounds
(2)Phosphorus compounds
(3)Organic phosphorus compounds
(4)Organophosphates
(4)Phosphorothioates
(4)Phosphorus heterocyclic compounds
(5)Phosphazene
(3)Phosphates
(4)Adenosine phosphates
(4)Monazite
(4)Saccharide phosphates
(3)Phosphides
(4)Gallium phosphides
(4)Indium phosphides
(3)Phosphinoborines
(3)Phosphites
(3)Phosphonium compounds
(2)Tantalum compounds
(3)Tantalates
(4)Lithium tantalates
(3)Tantalum carbides
(2)Vanadium compounds
(3)Vanadates
(3)Vanadium silicides
(1)Group VI compounds
(2)Chalcogens
(2)Chromium compounds
(3)Chromates
(2)Hydroxides
(3)Sodium hydroxide
(2)Molybdenum compounds
(3)Molybdates
(3)Molybdic acids
(2)Oxides
(3)Alkaline earth oxides
(4)Barium oxides
(4)Beryllium oxides
(4)Calcium oxides
(4)Magnesium oxides
(3)Aluminum oxides
(3)Bismuth oxides
(3)Boron oxides
(3)Cobalt oxides
(3)Dioxides
(4)Carbon dioxide
(4)Lead dioxide
(4)Nitrogen dioxide
(4)Silicon dioxide
(5)Fused silica
(5)Quartz
(4)Thorium dioxide
(4)Titanium dioxide
(5)Rutile
(3)Ethylene oxide
(3)Gadolinium oxide
(3)Iron oxides
(3)Lead oxides
(4)Lead dioxide
(3)Manganese oxides
(3)Monoxides
(4)Carbon monoxide
(3)Nitrogen oxides
(4)Nitrogen dioxide
(4)Nitrous oxide
(3)Peroxides
(4)Hydrogen peroxide
(4)Hydroperoxides
(3)Phosphine oxides
(3)Silver oxides
(3)Sulfur oxides
(3)Superoxides
(3)Tetroxides
(3)Thorium oxides
(4)Thorium dioxide
(3)Titanium oxides
(4)Titanium dioxide
(5)Rutile
(3)Tungsten oxides
(3)Yttrium oxides
(3)Zinc oxides
(3)Zirconium oxides
(2)Polonium compounds
(2)Selenium compounds
(3)Selenides
(4)Cadmium selenides
(4)Zinc selenides
(2)Tellurium compounds
(3)Tellurides
(4)Bismuth tellurides
(4)Cadmium tellurides
(5)Cadmium zinc tellurides
(5)Mercury cadmium tellurides
(4)Lead tin tellurides
(4)Zinc tellurides
(5)Cadmium zinc tellurides
(2)Tungsten compounds
(3)Tungstates
(3)Tungsten carbides
(3)Tungsten oxides
(1)Group VII compounds
(2)Halogen compounds
(3)Astatine compounds
(3)Bromine compounds
(4)Bromphenol blue
(3)Chlorine compounds
(4)Chlorates
(5)Barium chlorates
(4)Chlorine trifluoride
(4)Chlorites
(4)Hypochlorites
(4)Perchlorates
(5)Ammonium perchlorate
(5)Lithium perchlorate
(5)Nitronium perchlorate
(3)Fluorine compounds
(4)Fluorinated hydrocarbons
(5)Dichlorodifluoromethane
(4)Pentafluorides
(3)Halides
(4)Barium halides
(4)Bromides
(5)Oxybromides
(4)Chlorides
(5)Acetyl chloride

(5)Fluorochlorides
(5)Hydrogen chloride
(5)Lithium chloride
(5)Oxychlorides
(5)Phosphonitrile chlorides
(5)Polyvinyl chloride
(5)Potassium chloride
(5)Silver chloride
(5)Sodium chloride
(5)Thionyl chloride
(4)Fluorides
(5)Calcium fluorides
(5)Chlorine trifluoride
(5)Hydrogen fluoride
(5)Lithium fluorides
(5)Oxyfluorides
(4)Iodides
(5)Hydrogen iodide
(5)Silver iodide
(4)Oxyhalides
(5)Oxybromides
(5)Oxychlorides
(5)Oxyfluorides
(4)Silver halides
(5)Silver chloride
(5)Silver iodide
(4)Sulfonyl halides
(3)Halogenated hydrocarbons
(4)Aldrin
(4)Carbon tetrabromide
(4)Carbon tetrachloride
(4)Carbon tetrafluoride
(4)Chlordane
(4)Chlorinated hydrocarbons
(5)Chloroethanes
(6)Trichloroethanes
(5)Polychlorinated biphenyls
(4)Chlorobenzene
(4)Chloroform
(4)Chloromethanes
(4)Chloroprenes
(5)Neoprene
(4)DDT
(4)Dieldrin
(4)Fluorinated hydrocarbons
(5)Dichlorodifluoromethane
(3)Halohydrins
(3)Iodine compounds
(4)Iodates
(4)Iodides
(5)Hydrogen iodide
(5)Silver iodide
(2)Manganese compounds
(3)Ferromanganese minerals
(3)Manganates
(3)Manganese oxides
(3)Permanganates
(2)Rhenium compounds
(2)Technetium compounds
(1)Group VIII compounds
(2)Cobalt compounds
(3)Cobalt oxides
(2)Iridium compounds
(2)Iron compounds
(3)Ferrates
(3)Ferromanganese minerals
(3)Iron aluminide
(3)Iron oxides
(2)Nickel compounds
(3)Nickelates
(2)Osmium compounds
(2)Palladium compounds
(2)Platinum compounds
(2)Rhodium compounds
(2)Ruthenium compounds
(3)Ruthenates
(1)Heavy element compounds
(2)Actinide series compounds
(3)Actinium compounds
(3)Protactinium compounds
(3)Thorium compounds
(4)Thorium oxides
(5)Thorium dioxide
(3)Transuranium compounds
(4)Americium compounds
(4)Berkelium compounds
(4)Californium compounds
(4)Curium compounds
(4)Einsteinium compounds
(4)Fermium compounds
(4)Lawrencium compounds
(4)Mendelevium compounds
(4)Neptunium compounds
(4)Nobelium compounds
(4)Plutonium compounds
(5)Plutonates
(3)Uranium compounds
(4)Uranates
(2)Lead compounds
(3)Lead azides
(3)Lead oxides
(4)Lead dioxide
(3)Lead sulfides
(3)Lead tin tellurides
(3)Lead titanates
(4)Lead zirconate titanates
(1)Hydrides
(2)Borohydrides
(3)Sodium borohydrides
(2)Boron hydrides
(3)Boranes
(4)Carboranes
(4)Decaboranes
(4)Diboranes
(4)Organoboranes
(4)Pentaboranes
(2)Calcium hydrides
(2)Lithium hydride
(2)Phosphine
(3)Fluorophosphines
(3)Phosphine oxides
(2)Silanes
(3)Chlorosilanes
(4)Trichlorosilane
(3)Polysilanes
(1)Hydrogen compounds
(2)Deuterium compounds
(3)Heavy water
(4)Heavy water vapor
(2)Hydrogen chloride

(2)Hydrogen cyanide
(2)Hydrogen fluoride
(2)Hydrogen iodide
(2)Hydrogen peroxide
(2)Hydrogen sulfide
(2)Tritiated compounds
(1)Inorganic compounds
(2)Alkali metal compounds
(3)Cesium compounds
(3)Francium compounds
(3)Lithium compounds
(4)Lithium chloride
(4)Lithium fluorides
(4)Lithium hydride
(4)Lithium niobates
(4)Lithium perchlorate
(4)Lithium tantalates
(3)Potassium compounds
(4)Potassium chloride
(3)Rubidium compounds
(3)Sodium compounds
(4)Sodium azides
(4)Sodium borohydrides
(4)Sodium carbonates
(4)Sodium chloride
(4)Sodium hydroxide
(4)Sodium nitrates
(4)Sodium palmitate
(4)Sodium silicates
(2)Borates
(3)Fluoborates
(2)Borides
(3)Titanium boride
(2)Oxyhalides
(3)Oxybromides
(3)Oxychlorides
(3)Oxyfluorides
(1)Malodorous compounds
(1)Mesomorphic compounds
(1)Metal compounds
(2)Ammino compounds
(2)Metal carbonyls
(2)Metal complexes
(3)Molecular complexes
(2)Organometallic compounds
(3)Iron organic compounds
(4)Ferredoxin
(4)Ferrocenes
(3)Metallocenes
(4)Ferrocenes
(3)Tributyl tin
(3)Triethylaluminum
(3)Trimethylaluminum
(1)Monomers
(1)Nonmetallic compounds
(2)Arsenic compounds
(3)Arsenates
(3)Arsenic sulfides
(3)Arsenides
(4)Aluminum arsenides
(5)Aluminum gallium arsenides
(4)Gallium arsenides
(5)Aluminum gallium arsenides
(4)Indium arsenides
(3)Arsines
(3)Arsonic acid
(2)Astatine compounds
(2)Boron compounds
(3)Borates
(4)Fluoborates
(3)Borides
(4)Titanium boride
(3)Borines
(4)Phosphinoborines
(3)Boron carbides
(3)Boron hydrides
(4)Boranes
(5)Carboranes
(5)Decaboranes
(5)Diboranes
(5)Organoboranes
(5)Pentaboranes
(3)Boron nitrides
(3)Boron oxides
(2)Phosphorus compounds
(3)Organic phosphorus compounds
(4)Organophosphates
(4)Phosphorothioates
(4)Phosphorus heterocyclic compounds
(5)Phosphazene
(3)Phosphates
(4)Adenosine phosphates
(4)Monazite
(4)Saccharide phosphates
(3)Phosphides
(4)Gallium phosphides
(4)Indium phosphides
(3)Phosphinoborines
(3)Phosphites
(3)Phosphonium compounds
(2)Selenium compounds
(3)Selenides
(4)Cadmium selenides
(4)Zinc selenides
(2)Silicon compounds
(3)Polysilicons
(3)Silanes
(4)Chlorosilanes
(5)Trichlorosilane
(4)Polysilanes
(3)Silicates
(4)Aluminosilicates
(4)Fayalite
(4)Sodium silicates
(4)Zeolites
(3)Silicides
(4)Vanadium silicides
(3)Silicon carbides
(3)Silicon dioxide
(4)Fused silica
(4)Quartz
(3)Silicon nitrides
(3)Silicones
(3)Siloxanes
(2)Tellurium compounds
(3)Tellurides
(4)Bismuth tellurides
(4)Cadmium tellurides
(5)Cadmium zinc tellurides
(5)Mercury cadmium tellurides

(4)Lead tin tellurides
(4)Zinc tellurides
(5)Cadmium zinc tellurides
(1)Oxygen compounds
(2)Organic oxygen compounds
(2)Oxygen heterocyclic compounds
(3)Dioxanes
(3)Dioxins
(3)Epoxy compounds
(4)Epoxy coatings
(5)Epoxy laminates
(4)Epoxy composites
(5)Graphite epoxy composites
(4)Epoxy resins
(4)Oxetanes
(3)Furans
(3)Lactones
(4)Coumarins
(4)Propiolactones
(2)Oxyhalides
(3)Oxybromides
(3)Oxychlorides
(3)Oxyfluorides
(2)Oxynitrides
(2)Ozone
(3)Ozone layer
(2)Ozonides
(1)Polymers
(2)Acetal resins
(3)Delrin
(2)Acrylonitrile polymers
(3)Acrylic resins
(4)Polyacrylamides
(4)Polyacrylates
(5)Polymethyl methacrylate
(6)Plexiglas
(2)Aldehyde polymers
(2)Block polymers
(2)Conjugated polymers
(2)Copolymers
(3)Block copolymers
(3)Olefin polymers
(4)Olefin resins
(5)Polypropylene
(2)Dimers
(2)Fluoropolymers
(2)Inorganic polymers
(2)Ion exchange resins
(2)Ionomers
(2)Liquid crystal polymers
(2)Oligomers
(2)Phosphazene
(2)Polyethers
(2)Polyethylene
(3)Polyethylene plastics
(3)Polyethylene terephthalate
(2)Polyphenylenes
(2)Polystyrene
(2)Rigid rod polymers
(2)Stereospecific polymers
(2)Tetrafluoroethylene resins
(1)Rare earth compounds
(2)Cerium compounds
(2)Dysprosium compounds
(2)Erbium compounds
(2)Europium compounds
(2)Gadolinium compounds
(3)Gadolinium oxide
(2)Gallium compounds
(3)Gallates
(3)Gallium antimonides
(3)Gallium arsenides
(4)Aluminum gallium arsenides
(3)Gallium nitrides
(3)Gallium phosphides
(2)Holmium compounds
(2)Lanthanum compounds
(3)Lanthanum intermetallics
(2)Lutetium compounds
(2)Monazite
(2)Neodymium compounds
(2)Praseodymium compounds
(2)Promethium compounds
(2)Samarium compounds
(3)Samarium intermetallics
(2)Terbium compounds
(2)Thulium compounds
(2)Ytterbium compounds
(1)Salts
(2)Molten salts
(2)Quaternary compounds
(2)Rock salt
(2)Sodium chloride
(1)Sulfur compounds
(2)Organic sulfur compounds
(3)Sulfur heterocyclic compounds
(4)Acetazolamide
(4)Lipoic acid
(4)Phenothiazines
(5)Chlorpromazine
(4)Thiazoles
(4)Thiophenes
(2)Sulfates
(3)Aluminum sulfate
(3)Alums
(3)Gypsum
(3)Magnesium sulfates
(3)Sodium sulfates
(3)Thiosulfates
(2)Sulfides
(3)Arsenic sulfides
(3)Cadmium sulfides
(3)Carbon disulfide
(3)Carbon monosulfide
(3)Copper sulfides
(3)Hydrogen sulfide
(3)Lead sulfides
(3)Polysulfides
(3)Polysulfones
(3)Zinc sulfides
(2)Sulfites
(2)Sulfones
(2)Sulfoxides
(3)Methyl sulfoxide
(3)Thionyl chloride
(2)Sulfur oxides
(1)Ternary compounds
(1)Transition metal compounds

Chemical elements
(1)Metals
(2)Actinide series
(3)Actinium
(3)Americium
(3)Berkelium
(3)Californium
(3)Curium
(3)Einsteinium
(3)Fermium
(3)Lawrencium
(3)Mendelevium
(3)Neptunium
(3)Nobelium
(3)Plutonium
(3)Protactinium
(3)Thorium
(3)Uranium
(4)Depleted uranium
(2)Alkali metals
(3)Cesium
(3)Francium
(3)Lithium
(3)Potassium
(3)Rubidium
(3)Sodium
(4)Sulfobromophthalein sodium
(2)Alkaline earth metals
(3)Barium
(3)Beryllium
(3)Calcium
(3)Magnesium
(3)Radium
(3)Strontium
(2)Aluminum
(2)Antimony
(2)Base metal
(2)Bismuth
(2)Gallium
(2)Germanium
(2)Group III metals
(2)Group IVa metals
(2)Heat resistant metals
(3)Refractory metals
(4)Iridium
(4)Molybdenum
(4)Niobium
(4)Osmium
(4)Protactinium
(4)Rhenium
(4)Ruthenium
(4)Tantalum
(4)Technetium
(4)Tungsten
(2)Heavy metals
(3)Lead(Metal)
(2)Indium
(2)Liquid metals
(3)Liquid metal coolants
(2)Mercury
(2)Metal scraps
(2)Metal vapors
(2)Polonium
(2)Porous metals
(3)Foamed metals
(2)Powder metals
(3)Powder alloys
(2)Rare earth elements
(3)Cerium
(3)Dysprosium
(3)Erbium
(3)Europium
(3)Gadolinium
(3)Holmium
(3)Lanthanum
(3)Lutetium
(3)Neodymium
(3)Praseodymium
(3)Promethium
(3)Samarium
(3)Terbium
(3)Thulium
(3)Ytterbium
(2)Thallium
(2)Tin
(2)Transition metals
(3)Cadmium
(3)Chromium
(3)Cobalt
(3)Copper
(3)Hafnium
(3)Iron
(3)Manganese
(3)Molybdenum
(3)Nickel
(3)Niobium
(3)Precious metals
(4)Gold
(4)Iridium
(4)Osmium
(4)Palladium
(4)Platinum
(4)Rhodium
(4)Ruthenium
(4)Scandium
(4)Silver
(3)Rhenium
(3)Tantalum
(3)Technetium
(3)Titanium
(3)Tungsten
(3)Vanadium
(3)Yttrium
(3)Zinc
(3)Zirconium
(2)Transuranium elements
(3)Americium
(3)Berkelium
(3)Californium
(3)Curium
(3)Einsteinium
(3)Fermium
(3)Lawrencium
(3)Mendelevium
(3)Neptunium
(3)Nobelium
(3)Plutonium
(2)Weld metal
(2)Wrought metals
(2)Ytterbium

(1)Nonmetals
(2)Carbon
(3)Activated carbon
(4)Charcoal
(3)Carbon black
(3)Coke
(3)Diamonds
(4)Diamond films
(3)Fullerenes
(3)Glassy carbon
(3)Graphite
(4)Graphitic foam
(4)Pyrolytic graphite
(2)Halogens
(3)Astatine
(3)Bromine
(3)Chlorine
(3)Fluorine
(3)Iodine
(2)Hydrogen
(3)Deuterium
(3)Liquid hydrogen
(3)Tritium
(4)Tritiated compounds
(2)Metalloids
(3)Arsenic
(3)Astatine
(3)Boron
(3)Germanium
(3)Silicon
(3)Tellurium
(2)Nitrogen
(3)Liquid nitrogen
(2)Oxygen
(3)Liquid oxygen
(2)Phosphorus
(3)Red phosphorus
(3)White phosphorus
(2)Rare gases
(3)Argon
(3)Helium
(4)Liquid helium
(3)Krypton
(4)Kryptonates
(3)Neon
(3)Radon
(3)Xenon
(2)Selenium
(2)Sulfur
(1)Trace elements

Chemicals
(1)Acids
(2)Arsonic acid
(2)Benzeneboronic acid
(2)Carbamic acid
(2)Inorganic acids
(3)Boric acid
(3)Chromic acid
(3)Hydrochloric acid
(3)Hydrofluoric acid
(3)Hypochlorous acid
(3)Molybdic acids
(3)Nitric acid
(3)Osmic acid
(3)Perchloric acid
(3)Phosphonic acids
(3)Phosphoric acids
(3)Selenious acids
(3)Silicic acids
(3)Sulfuric acid
(2)Isocyanic acid
(2)Lysergic acids
(2)Nicotinic acid
(3)Arecoline
(2)Nucleic acids
(3)Nucleic acid components
(4)Nucleosides
(5)Guanosine
(5)Uridine
(4)Nucleotides
(5)Adenosine phosphates
(3)Ribonucleic acids
(4)Deoxyribonucleic acids
(4)Ribonucleotides
(2)Organic acids
(3)Aliphatic acids
(4)Acrylic acid
(5)Cinnamic acid
(4)Fatty acids
(5)Acetic acid
(6)Imino diacetic acid
(6)Oxalacetic acid
(6)Peracetic acid
(6)Phenoxyacetic acids
(5)Linoleic acid
(5)Linolenic acid
(5)Lipoic acid
(5)Octanoic acid
(5)Oleic acid
(5)Propionic acid
(6)Propionates
(5)Stearic acid
(4)Sebacic acid
(4)Succinic acid
(3)Amino acids
(4)Alanines
(5)Levodopa
(5)Phenylalanine
(4)Aspartic acid
(4)Creatine
(4)Cysteine
(4)Cystine
(4)Folic acid
(4)Glutamic acid
(4)Glutamine
(4)Glutaric acid
(4)Glycine
(4)Histidine
(4)Leucine
(4)Methionine
(4)Pyruvates
(4)Serine
(4)Tryptophan
(4)Tyrosine
(3)Barbituric acids
(4)Thiobarbituric acid
(3)Butyric acids
(3)Carboxylic acids
(4)Benzoic acids

(5)Anthranilic acid
(5)Salicylic acids
(5)Tannic acid
(4)Citric acid
(4)Fatty acids
(5)Acetic acid
(6)Imino diacetic acid
(6)Oxalacetic acid
(6)Peracetic acid
(6)Phenoxyacetic acids
(5)Linoleic acid
(5)Linolenic acid
(5)Lipoic acid
(5)Octanoic acid
(5)Oleic acid
(5)Propionic acid
(6)Propionates
(5)Stearic acid
(4)Folic acid
(4)Formic acid
(4)Glyoxylic acid
(4)Hygric acid
(4)Lactic acid
(4)Levulinic acids
(4)Malic acid
(4)Malonic acid
(4)Neuraminic acid
(4)Oxalic acid
(4)Phthalic acids
(4)Sebacic acid
(3)Dibasic organic acids
(4)Sebacic acid
(3)Glycolic acid
(3)Gymnemic acid
(3)Hippuric acid
(3)Hydroxamic acids
(3)Kojic acid
(3)Maleic acid
(3)Phosphinic acids
(3)Phosphonic acids
(3)Picramic acid
(3)Picric acid
(3)Pyruvic acid
(3)Retinoic acids
(3)Styphnic acids
(3)Sugar acids
(4)Uronic acids
(5)Alginic acid
(3)Sulfamic acids
(3)Sulfinic acids
(3)Sulfonic acids
(3)Terephthalic acid
(2)Tannic acid
(2)Uric acid
(2)Vanillic acids
(1)Bases(Chemistry)
(2)Caustics
(2)Hydroxides
(3)Sodium hydroxide
(1)Chemical analogs
(1)Photographic chemicals
(2)Photographic developers
(2)Photographic emulsions
(2)Photographic fixers
(2)Toners
(1)Reactants(Chemistry)
(2)Reducing agents

Circulation
(1)Blood circulation
(2)Blood brain barrier
(2)Ischemia
(2)Pulmonary blood circulation
(1)Recirculation

Cladding
(1)Reactor fuel cladding

Classification
(1)Hierarchies
(1)Soil classification
(1)Target classification

Cleaning
(1)Chemical cleaning
(2)Pickling
(1)Dry cleaning
(1)Flushing
(1)Laundry operations
(1)Steam cleaning
(1)Ultrasonic cleaning

Cleaning compounds
(1)Detergents
(1)Dishwashing compounds
(1)Paint removers
(1)Pickling compositions
(1)Soaps
(2)Aluminum soaps
(3)Aluminum laurate

Closures
(1)Nozzle closures
(2)Rocket closure cups

Clothing
(1)Flight clothing
(2)Flak suits
(2)Flight helmets
(1)Footwear
(2)Boots
(2)Shoes
(3)Snowshoes
(2)Snowshoes
(2)Socks
(1)Goggles
(2)Aviation goggles
(1)Hoods
(1)Jackets
(1)Overcoats
(1)Protective clothing
(2)Aprons
(2)Body armor
(2)Coveralls
(2)Exposure suits
(2)Flak suits
(2)Gasproof clothing
(2)Gloves
(3)Rubber gloves
(2)Headgear

(3)Hard hats
(3)Helmets
(4)Flight helmets
(3)Visors
(2)Parkas
(2)Pressure suits
(3)G suits
(2)Protective masks
(3)Gas masks
(3)Protective mask canisters
(3)Protective mask facepieces
(3)Protective mask filters
(2)Underwater clothing
(3)Diving suits
(3)Wet suits
(2)Vests
(1)Shirts
(1)Underwear
(1)Uniforms
(1)Vests

Coagulation
(1)Blood coagulation
(1)Flocculation

Coatings
(1)Acoustic coatings
(1)Anodic coatings
(1)Antireflection coatings
(2)Antiradar coatings
(2)Antisonar coatings
(2)Nonreflecting coatings
(1)Arc spraying
(1)Ceramic coatings
(2)Glazes
(1)Diffusion coating
(2)Chromizing
(1)Diffusion coatings
(1)Dip coating
(1)Electrophoretic coatings
(1)Enamels
(1)Epoxy coatings
(2)Epoxy laminates
(1)Metal coatings
(2)Aluminum coatings
(2)Copper coatings
(2)Tin coatings
(2)Zinc coatings
(1)Optical coatings
(1)Organic coatings
(2)Bituminous coatings
(2)Plastic coatings
(3)Nylon coatings
(3)Plastic paints
(2)Rubber coatings
(2)Varnishes
(3)Solventless varnishes
(1)Paints
(2)Paint primers
(2)Plastic paints
(2)Water base paints
(1)Phosphate coatings
(1)Photoresist coatings
(1)Plating
(2)Electroless plating
(2)Electroplating
(2)Vapor plating
(1)Protective coatings
(2)Antifouling coatings
(2)Barrier coatings
(2)Fire resistant coatings
(2)Lacquers
(2)Polishes
(2)Refractory coatings
(1)Silicon coatings
(1)Slurry coating
(1)Spin coatings
(1)Strip coatings

Coefficients
(1)Absorption coefficients
(2)Gamma ray absorption coefficients
(1)Diffusion coefficient
(1)Heat transfer coefficients
(1)Power coefficient of reactivity
(1)Temperature coefficients
(2)Temperature coefficient of reactivity

Cognition
(1)Awareness
(2)Situational awareness
(1)Consciousness

Coherence
(1)Incoherence

Coils
(1)Electric coils
(2)Magnet coils
(3)Deflection coils

Collection
(1)Waste collection

Colorants
(1)Dyes
(2)Chromophores
(2)Cyanine dyes
(2)Fluorescent dyes
(2)Indanthrenes
(2)Solvent dyes
(1)Inks
(1)Pigments
(2)Organic pigments
(3)Anthoxanthin pigments
(3)Bacteriorhodopsin
(3)Bile pigments
(4)Bilirubin
(3)Carotenoids
(3)Chlorophylls
(3)Eye pigments
(4)Iris
(3)Hemoglobin
(4)Methemoglobin
(3)Melanin
(3)Toners

Coloring
(1)Electrocoloration

Combat areas
(1)Battlefields

Combustion products
(1)Ashes
(1)Exhaust gases
(2)Aircraft exhaust
(2)Automobile exhaust
(2)Fumes
(2)Jet engine exhaust
(2)Plumes
(3)Exhaust plumes
(2)Rocket exhaust
(1)Soot

Commerce
(1)Electronic commerce
(1)International trade
(2)Exports
(2)Imports

Commercial equipment
(1)Off the shelf equipment

Comminution
(1)Crushing
(1)Grinding
(1)Shredding

Communication and radio systems
(1)Acoustic communications
(1)Command control communications
(1)Commercial communications
(1)Communications traffic
(2)Downlinks
(2)Radio links
(3)Meteor burst communications
(3)Uplinks
(2)Uplinks
(1)Computer communications
(2)Communications protocols
(2)Computer gateways
(1)Conferencing(Communications)
(1)Facsimile communications
(2)Facsimile recording systems
(2)Facsimile transmission
(2)Microfacsimile
(1)Field wire communications
(1)Intercommunication systems
(2)Interphones
(1)Message processing
(1)Paging
(1)Public address systems
(1)Radio broadcasting
(1)Radio stations
(2)Radio relay stations
(1)Single sideband communications
(1)Space diversity communications
(1)Strategic communications
(1)Tactical communications
(1)Telecommunications
(2)Adaptive communications
(2)Communication switching centers
(3)Communications centrals
(2)Data links
(3)Photographic data links
(2)Digital communications
(2)Electronic commerce
(2)Global communications
(2)Microwave communications
(3)Microwave relay systems
(3)Tropospheric scatter communications
(2)Multichannel communications
(2)Optical communications
(3)Infrared communications
(3)Laser communications
(3)Ultraviolet communications
(2)Phase locked communications
(2)Pulse communications
(2)Radio links
(3)Meteor burst communications
(3)Uplinks
(2)Radio relay systems
(3)Microwave relay systems
(3)Radio relay stations
(2)Secure communications
(3)Cryptography
(4)Steganography
(2)Space communications
(3)Communication satellites
(3)Satellite communications
(2)Telegraph systems
(2)Telemeter systems
(3)Radio telemetry
(2)Telephone systems
(3)Intercommunication systems
(4)Interphones
(3)Radiotelephones
(4)Cellular communications
(3)Ship telephone systems
(3)Sound powered telephones
(3)Underwater telephones
(3)Videophones
(2)Teletype systems
(3)Teleprinters
(3)Teletypewriters
(2)Television systems
(3)Cable television
(3)Closed circuit television
(3)Color television
(4)Color television tubes
(3)Forward looking television
(3)High definition television
(3)Slow scan television
(3)Television stations
(3)Videophones
(2)Two way transmission
(2)Underwater communications
(2)Voice communications
(1)Weather communications

Communication equipment
(1)Facsimile equipment
(2)Facsimile recording systems
(1)Frequency shift keyers
(1)Loudspeakers
(1)Microphones
(1)Phase shift keyers
(1)Radio equipment
(2)Radio receivers

(3)Homodyne radio receivers
(3)Microwave receivers
(4)Crystal video receivers
(3)Superheterodyne receivers
(3)Transmitter receivers
(4)Transponders
(4)Walkie talkies
(2)Radio repeaters
(2)Radio telescopes
(2)Radio towers
(2)Radio transmitters
(3)Radio beacons
(3)Radiosondes
(4)Dropsondes
(3)Transmitter receivers
(4)Transponders
(4)Walkie talkies
(2)Radiotelephones
(3)Cellular communications
(2)Sonobuoys
(1)Telecommunication circuits
(1)Telegraph equipment
(1)Telephone equipment
(2)Telephone lines
(2)Telephone receivers
(2)Telephone transmitters
(1)Television equipment
(2)Television antennas
(2)Television cameras
(2)Television converters
(2)Television display systems
(2)Television receivers
(2)Television transmitters
(1)Trunks(Communications)
(1)Vocoders

Commutators
(1)Electronic commutators

Compacting
(1)Soil compaction
(2)Soil settlement

Compartments
(1)Air locks

Compatibility
(1)Acoustic compatibility
(1)Electromagnetic compatibility

Composition(Property)
(1)Chemical composition
(1)Concentration(Composition)
(2)Concentration(Chemistry)
(2)Deuterium ion concentration
(2)Dilution

Compression
(1)Data compression
(2)Image compression
(1)Incompressibility
(1)Pulse compression
(1)Speech compression
(1)Thermocompression
(1)Time compression

Computer applications
(1)Computer aided design
(1)Computer aided instruction
(2)Distance learning
(1)Computer aided manufacturing
(1)Computer vision
(1)Computerized simulation
(2)Analog simulation
(2)Combat simulation
(2)Digital simulation
(2)Distributed interactive simulation
(3)Collaborative virtual prototyping
(2)Hybrid simulation
(1)Medical computer applications

Computer programming
(1)Automatic programming
(1)Control sequences
(1)Debugging(Computers)
(1)Floating point operation
(1)Machine coding
(1)Macroprogramming
(1)Microprogramming
(1)Multiprogramming
(1)Object oriented programming
(1)Spreadsheet software
(1)Structured programming
(1)Symbolic programming

Computer programs
(1)Compilers
(1)Computer program documentation
(1)Computer program reliability
(1)Computer program verification
(1)Executive routines
(1)Expert systems
(2)Knowledge based systems
(2)Rule based systems
(1)Fields(Computer programs)
(1)Firmware
(1)Operating systems(Computers)
(1)Programming languages
(2)Assembly languages
(2)High level languages
(3)ADA programming language
(3)C programming language
(3)Fortran
(3)Java programming language
(3)Pascal programming language
(2)Simulation languages
(1)Software engineering
(2)Computer benchmarking
(2)Software tools
(1)Subroutines

Condensers(Liquefiers)
(1)Condenser tubes
(1)Refrigerant condensers
(1)Steam condensers

Conduits
(1)Electric conduits

Configurations
(1)Aerodynamic configurations
(2)Canard configurations
(2)Wing body configurations
(1)Antenna configurations
(1)Coaxial configurations
(1)Convolution
(1)Cruciform configurations
(1)Overlap
(1)Shape
(2)Circular
(2)Contours
(2)Curvature
(2)Eccentricity
(2)Elongation
(2)Planform
(2)Streamline shape
(2)Taper
(1)Stub configurations

Confinement(General)
(1)Confinement(Nuclear reactors)
(1)Isolation

Connectors
(1)Electric connectors
(2)Circuit interconnections
(3)Beam leads
(3)Optical interconnections
(2)Electron tube sockets

Conservation
(1)Soil conservation
(1)Water conservation
(2)Water reclamation

Constants
(1)Gruneisen constant

Constrictions
(1)Vasoconstricting

Construction
(1)Construction equipment
(2)Earth handling equipment
(2)Pile drivers
(2)Road building equipment
(1)Construction materials
(2)Aggregates(Materials)
(2)Backfills
(2)Concrete
(3)High performance concrete
(3)Precast concrete
(3)Reinforced concrete
(4)Ferrocement
(4)Prestressed concrete
(3)Shotcrete
(2)Earth fills
(2)Masonite
(2)Masonry
(3)Brick
(2)Mortars(Material)
(3)Grout
(3)Portland cement
(1)Filament wound construction
(1)Modular construction
(2)Macromodules
(2)Modular space construction
(1)Tape wound construction
(1)Underwater construction

Consumption
(1)Alcohol consumption
(1)Energy consumption
(1)Food consumption
(1)Fuel consumption
(2)Fuel burn up
(1)Oil consumption
(1)Oxygen consumption

Containers
(1)Ammunition containers
(2)Ammunition cases
(1)Ampules
(1)Autoclaves
(1)Backpacks
(1)Bags
(1)Barrels
(1)Bladders
(2)Expulsion bladders
(2)Swim bladders
(1)Bottles
(2)Intravenous bottles
(1)Boxes
(2)Cardboard boxes
(1)Canisters
(1)Cardboard boxes
(1)Crucibles
(1)Flasks
(2)Dewar flasks
(1)Housings
(1)Humidity cabinets
(1)Shipping containers
(1)Tanks(Containers)
(2)Ballast tanks
(2)Fuel tanks
(3)Propellant tanks
(3)Self sealing fuel tanks
(2)Gas cylinders
(2)Oil tanks
(2)Spray tanks
(2)Storage tanks
(2)Water tanks
(1)Trays

Containment(General)
(1)Containment(Nuclear reactors)
(1)Oil pollution containment

Contamination
(1)Biological contamination
(1)Chemical contamination
(1)Contaminants
(1)Fuel contamination
(1)Pollution
(2)Air pollution
(3)Air pollution control equipment
(4)Scrubbers
(3)Air pollution effects(Animals)
(3)Automobile exhaust

(3)Indoor air pollution
(3)Ozone depletion
(3)Smog
(2)Noise pollution
(2)Oil pollution
(2)Pollutants
(2)Soil pollution
(3)Soil remediation
(2)Thermal pollution
(2)Water pollution
(1)Radioactive contamination
(2)Fallout

Control
(1)Arms control
(2)Disarmament
(1)Boundary layer control
(2)Area suction
(2)Jet flaps
(2)Spoilers
(2)Vortex generators
(1)Censorship
(1)Control reversal
(1)Control theory
(1)Damage control
(2)Warning systems
(3)Airborne warning and control system
(3)Early warning systems
(4)Airborne early warning
(3)Earthquake warning systems
(3)False alarms
(3)Gas detectors
(4)Carbon monoxide indicators
(4)Leak detectors
(3)Radar warning receivers
(3)Radiation alarms
(3)Stall warning indicators
(3)Strategic warning
(3)Tactical warning
(3)Temperature warning systems
(3)Toxic agent alarms
(1)Depth control
(1)Dust control
(1)Emission control
(1)Flood control
(2)Levees
(1)Fluid control
(1)Fluidic control
(1)Load control
(1)Override control
(1)Pest control
(2)Biological pest control
(2)Insect control
(3)Biological insect control
(2)Rodent control
(2)Weed control
(3)Biological weed control
(1)Phase control
(1)Plasma control
(2)Pinch effect
(3)Z pinch plasmas
(1)Quality control
(2)Quality assurance
(3)Optimization
(2)Total quality management
(1)Reactor control
(2)Reactor shutdown
(1)Remote control
(1)Temperature control
(1)Throttling
(2)Thrust control
(3)Control jets
(3)Thrust vector control systems
(4)Jet tabs
(4)Jetavators
(4)Secondary injection
(1)Weapon control

Control systems
(1)Adaptive control systems
(2)Automation
(1)Airborne warning and control system
(1)Camera controls
(2)Image motion compensation
(1)Command and control systems
(2)Command control communications
(2)Control centers
(1)Control panels
(2)Consoles
(3)Keyboards
(2)Instrument panels
(2)Panel boards(Electricity)
(1)Control sticks
(1)Control surfaces
(2)Aerodynamic control surfaces
(3)Bomb fins
(3)Flaps(Control surfaces)
(4)Air brake flaps
(4)Leading edge flaps
(4)Slotted flaps
(4)Split flaps
(4)Spoilers
(3)Folding fins(Rockets)
(3)Horizontal stabilizers
(3)Strakes
(3)Trailing control surfaces
(4)Ailerons
(4)Elevators
(4)Elevons
(4)Trim tabs
(3)Vertical stabilizers
(2)Fins
(3)Bomb fins
(3)Folding fins(Rockets)
(2)Guide vanes
(3)Inlet guide vanes
(3)Jet tabs
(3)Jet vanes
(3)Jetavators
(2)Hydrodynamic control surfaces
(2)Rudders
(3)Aerial rudders
(3)Marine rudders
(1)Depth control
(1)Flight control systems
(2)Altitude controllers
(2)Attitude control systems
(3)Thrust vector control systems
(4)Jet tabs
(4)Jetavators

(4)Secondary injection
(2)Automatic pilots
(2)Fly by tube control
(2)Fly by wire control
(1)Reaction control systems
(1)Regulators
(2)Current regulators
(2)Pressure regulators
(2)Pressure switches
(3)Hydrostats
(2)Safety valves
(2)Speed regulators
(3)Electric governors
(2)Steam traps
(2)Thermostats
(3)Cryostats
(2)Voltage regulators

Convection
(1)Convection(Atmospheric)
(1)Convection(Heat transfer)
(1)Upwelling

Convergence
(1)Weak convergence

Conversion
(1)Energy conversion
(2)Biomass conversion
(1)Frequency conversion

Converters
(1)Analog to digital converters
(1)DC to DC converters
(1)Digital to analog converters
(1)Down converters
(1)Electromechanical converters
(1)Frequency shift converters
(1)Image converters
(1)Torque converters
(1)Video converters

Cooling
(1)Air cooled
(2)Wind chill
(1)Coolants
(2)Liquid metal coolants
(2)Reactor coolants
(2)Refrigerants
(1)Cooling and ventilating equipment
(2)Air conditioning equipment
(3)Heat pumps
(3)Humidifiers
(2)Blowers
(3)Fans
(4)Axial flow fans
(5)Vaneaxial fans
(4)Cooling fans
(4)Ducted fans
(4)Lift fans
(4)Ventilation fans
(2)Coolant pumps
(2)Cooling fans
(2)Cooling towers
(2)Oil coolers
(2)Refrigerant compressors
(2)Refrigerant condensers
(2)Refrigeration systems
(3)Cryocoolers
(2)Ventilation ducts
(2)Ventilators
(2)Water coolers
(1)Film cooling
(1)Liquid cooling
(2)Water cooling
(1)Radiant cooling
(1)Regenerative cooling
(1)Supercooling
(1)Sweat cooling
(1)Thermoelectric cooling

Coordinates
(1)Axes
(1)Cartesian coordinates
(1)Degrees of freedom
(1)Grids(Coordinates)
(2)Latitude
(3)High latitudes
(2)Longitude
(1)Variable coordinates

Cordage
(1)Rope
(2)Wire rope

Cores
(1)Honeycomb cores
(1)Magnetic cores
(1)Reactor cores

Coronas
(1)Electrical corona
(1)Solar corona

Corrections
(1)Error correction codes

Correlators
(1)Optical correlators

Counters
(1)Crystal counters
(1)Particle counters
(2)Alpha counters
(2)Beta counters
(2)Gamma counters
(2)Geiger counters
(2)Neutron counters
(2)Proportional counters
(2)Proton counters
(2)Scintillation counters
(1)Pulse counters
(1)Quantum counters
(1)Rounds counters
(1)Time interval counters

Counting methods
(1)Census
(1)Coincidence counting
(1)Scoring

Couplers
(1)Antenna couplers
(1)Coupling circuits
(1)Waveguide couplers

Coverings
(1)Floor coverings
(2)Carpets
(1)Inlet shrouds
(1)Protective coverings
(2)Paulins

Covert operations
(1)Smuggling
(2)Drug smuggling

Crimes
(1)Aircraft hijacking
(1)Assault
(1)Bribery
(1)Burglary
(1)Homicide
(1)Kidnappings
(1)Theft
(2)Embezzlement

Criminal justice system
(1)Criminal investigations
(1)Law enforcement
(2)Military tribunals
(2)Punishment
(3)Penalties
(3)Prisons
(2)Riot control
(3)Riot control agents
(1)Prisons

Cross sections
(1)Nuclear cross sections
(2)Absorption cross sections
(3)Radiative capture cross sections
(2)Alpha cross sections
(2)Deuteron cross sections
(2)Electron nuclear cross sections
(2)Gamma ray cross sections
(2)Meson cross sections
(2)Neutron cross sections
(2)Photon cross sections
(2)Proton cross sections
(2)Scattering cross sections
(3)Born approximations
(3)Differential cross sections
(1)Optical cross sections
(1)Radar cross sections

Cryogenics
(1)Cryopumping
(2)Cryocoolers

Crystallography
(1)Crystal structure
(2)Brillouin zones
(2)Crystal lattices
(3)Crystal defects
(4)Point defects
(5)Color centers
(5)Vacancies(Crystal defects)
(3)Simple cubic lattices
(3)Superlattices
(2)Crystal substructure
(3)Fermi surfaces
(2)Grain structures(Metallurgy)
(3)Grain boundaries
(2)Mosaic structures(Crystallography)
(2)Pleochroism
(3)Dichroism
(2)Polycrystalline
(2)Symmetry(Crystallography)
(1)Crystallization
(2)Recrystallization
(1)Crystals
(2)Czochralski crystals
(2)Etched crystals
(2)Ferroelectric crystals
(2)Ionic crystals
(2)Liquid crystals
(3)Liquid crystal polymers
(2)Metal crystals
(2)Piezoelectric crystals
(2)Single crystals
(2)Spherulites
(2)Whiskers(Crystals)
(1)Twinning(Crystallography)

Currents
(1)Electric current
(2)Alternating current
(2)Direct current
(2)Eddy currents
(2)Electrojets
(2)Ionic current
(2)Telluric currents
(1)Ocean currents
(2)Geostrophic currents
(2)Gulf Stream
(2)Labrador Current
(2)North Atlantic current
(1)River currents
(1)Tidal currents
(1)Turbidity currents

Cutting
(1)Dissection
(1)Underwater cutting

Cybernetics
(1)Coding
(2)Bar codes
(2)Color coding
(2)Decoding
(2)Error correction codes
(2)Error detection codes
(2)Hydrodynamic codes
(2)Machine coding
(2)Morse code
(2)Neurochemical coding
(2)Octal coding
(2)Schalkwijk coding

Cycles
(1)Closed cycle systems
(1)Life cycles
(1)Solar cycle
(1)Thermodynamic cycles
(2)Brayton cycle
(2)Rankine cycle
(2)Stirling cycle
(2)Wankel cycle
(1)Vuilleumier cycle

D

Damage
(1)Ammunition damage
(1)Bomb damage
(1)Crazing
(1)Damage assessment
(1)Damage control
(2)Warning systems
(3)Airborne warning and control system
(3)Early warning systems
(4)Airborne early warning
(3)Earthquake warning systems
(3)False alarms
(3)Gas detectors
(4)Carbon monoxide indicators
(4)Leak detectors
(3)Radar warning receivers
(3)Radiation alarms
(3)Stall warning indicators
(3)Strategic warning
(3)Tactical warning
(3)Temperature warning systems
(3)Toxic agent alarms
(1)Foreign object damage
(1)Laser damage
(1)Nuclear explosion damage
(1)Radiation damage
(2)Transient radiation effects
(1)Torpedo damage

Dams
(1)Arch dams
(1)Earth dams
(1)Rockfill dams
(1)Weirs

Darkness
(1)Night

Data transmission systems
(1)Data links
(2)Photographic data links
(1)Electronic mail
(1)Packet switching

Deactivation
(1)Shutdowns
(2)Reactor shutdown

Debris
(1)Nuclear weapon debris
(1)Spacecraft debris

Decay
(1)Radioactive decay
(2)Alpha decay
(2)Beta decay
(3)Electron capture
(2)Decay schemes
(2)Internal conversion

Decision making
(1)Decision aids

Decompression
(1)Explosive decompression
(1)Sonic decompression

Decontamination equipment
(1)Decontamination kits

Defects(Materials)
(1)Defect analysis
(1)Inclusions

Defense systems
(1)Air defense
(2)Antiaircraft defense systems
(3)Gun air defense systems
(2)Antimissile defense systems
(3)Ballistic missile intercept systems
(4)Strategic defense initiative
(3)Midcourse defense
(3)Theater missile defense
(2)Forward area air defense systems
(2)Terminal defense
(1)Aircraft defense systems
(1)Antisubmarine defense systems
(1)Antiswimmer defense systems
(1)Area defense
(1)Civil defense
(1)Countermeasures
(2)Acoustic countermeasures
(3)Acoustic decoys
(3)Acoustic jamming
(2)Antireflection coatings
(3)Antiradar coatings
(3)Antisonar coatings
(3)Nonreflecting coatings
(2)Counter countermeasures
(3)Electronic counter countermeasures
(4)Antijamming
(5)Radar antijamming
(5)Radio antijamming
(3)Optical counter countermeasures
(4)Infrared counter countermeasures
(2)Deception
(3)Camouflage
(4)Antisonar coatings
(4)Radar camouflage
(3)Concealment
(3)Decoys
(4)Acoustic decoys
(4)Infrared decoys

(4)Radar decoys
(3)Radar deception
(4)Radar camouflage
(4)Radar confusion reflectors
(5)Chaff
(4)Radar repeaters
(3)Radio deception
(2)Electronic countermeasures
(3)Communications countermeasures
(3)Jamming
(4)Acoustic jamming
(4)Infrared jamming
(4)Look through jamming
(4)Noise jamming
(5)Noise jammers
(4)Optical jamming
(4)Radar jamming
(4)Radio jamming
(4)Repeater jammers
(3)Radar countermeasures
(4)Radar absorbing materials
(4)Radar confusion reflectors
(5)Chaff
(4)Radar decoys
(4)Radar jamming
(4)Radar warning receivers
(3)Radar deception
(4)Radar camouflage
(4)Radar confusion reflectors
(5)Chaff
(4)Radar repeaters
(3)Radio countermeasures
(3)Radio deception
(2)Guided missile countermeasures
(2)Mine countermeasures
(3)Countermining
(3)Mine clearance
(4)Minesweeping
(5)Acoustic minesweeping
(5)Magnetic minesweeping
(5)Minesweeping equipment
(3)Mine neutralization
(2)Optical countermeasures
(3)Infrared countermeasures
(4)Infrared decoys
(4)Infrared jamming
(3)Laser countermeasures
(3)Smoke abatement
(3)Smoke screens
(2)Signature reduction
(3)Stealth technology
(2)Thermal countermeasures
(2)Torpedo countermeasures
(1)Guided missile defense systems
(1)Harbor defense systems
(2)Harbor radar
(1)National defense
(1)Optical defense systems
(1)Passive defense
(2)Emplacement
(1)Perimeters(Defense)
(1)Point defense
(1)Ship defense systems
(1)Space defense
(2)Antisatellite defense systems
(2)Spacecraft defense systems

Deflectors
(1)Flame deflectors

Deformation
(1)Plastic deformation

Degradation
(1)Biodegradation
(1)Chemical attack(Degradation)
(2)Corrosion
(3)Atmospheric corrosion
(3)Cavitation corrosion
(3)Galvanic corrosion
(3)Sea water corrosion
(3)Stress corrosion
(2)Rust(Oxidation)
(1)Corrosion
(2)Atmospheric corrosion
(2)Cavitation corrosion
(2)Galvanic corrosion
(2)Sea water corrosion
(2)Stress corrosion
(1)Deterioration
(2)Biodeterioration
(3)Fungus deterioration
(2)Food deterioration
(2)Tropical deterioration
(1)Photodegradation
(1)Thermal degradation

Delay lines
(1)Acoustic delay lines

Delivery
(1)Aerial delivery
(2)Air drop operations
(3)Parachute jumping
(2)Free dropping
(1)Carrier onboard delivery
(1)Weapon delivery
(2)Bombing
(3)Area bombing
(3)Blind bombing
(3)Dive bombing
(3)High altitude bombing
(3)High speed bombing
(3)Low altitude bombing
(3)Night bombing
(3)Offset bombing
(3)Precision bombing
(3)Radar bombing
(3)Skip bombing
(3)Strategic bombing
(3)Tactical bombing
(3)Toss bombing

Demagnetization
(1)Degaussing

Demodulators
(1)Crystal detectors
(1)Discriminators
(2)Pulse discriminators

(1)Modems

Demolition
(1)Underwater demolition

Deposition
(1)Electrodeposition
(2)Electroforming
(2)Electroplating
(1)Vacuum deposition
(1)Vapor deposition
(2)Chemical vapor deposition

Deposits
(1)Combustion deposits
(2)Fly ash
(1)Glacial deposits

Depth
(1)Deep depth
(1)Depth control
(1)Shallow depth

Descent
(1)Parachute descents

Destruction
(1)Assured destruction

Detection
(1)Acoustic detection
(2)Seismic detection
(3)Seismic discrimination
(1)Aircraft detection
(1)Biological detection
(1)Bistatic detection
(1)Change detection
(1)Chemical detection
(1)Explosives detection
(2)Nuclear explosion detection
(1)Guided missile detection
(1)Intrusion detection
(1)Magnetic detection
(2)Magnetic anomaly detection
(1)Mine detection
(1)Optical detection
(2)Infrared detection
(3)Thermovision
(2)Photodetection
(2)Satellite imagery
(3)Satellite photography
(1)Over the horizon detection
(1)Personnel detection
(1)Remote detection
(1)Submarine detection
(1)Target acquisition
(1)Target detection
(1)Target discrimination
(1)Target recognition
(1)Torpedo detection
(1)Ultraviolet detection
(1)Wake detection

Detectors
(1)Acoustic detectors
(2)Hydrophones
(2)Sonobuoys
(1)Biological agent detectors
(1)Chemical agent detectors
(2)Crayon detectors
(1)Fire detectors
(1)Gas detectors
(2)Carbon monoxide indicators
(2)Leak detectors
(1)Intrusion detectors
(2)Motion detectors
(1)Lie detectors
(1)Magnetic detectors
(1)Metal detectors
(1)Microsensors
(1)Mosaics(Detectors)
(1)Multisensors
(1)Optical detectors
(2)Infrared detectors
(2)Photodetectors
(2)Ultraviolet detectors
(1)Ordnance locators
(2)Mine detectors
(2)Mortar locator radar
(1)Personnel detectors
(1)Phase detectors
(1)Remote detectors
(1)Side looking detectors
(2)Side looking radar
(3)Synthetic aperture radar
(2)Side looking sonar
(1)Solions
(1)Toxic agent alarms
(1)Underwater object locators
(1)Wake detectors

Determination
(1)Geologic age determination

Diagnosis(General)
(1)Computer aided diagnosis
(1)Diagnosis(Medicine)
(2)Acupuncture
(2)Amniocentesis
(2)Biopsy
(2)Immunoassay
(3)Radioimmunoassay
(2)Laser medical diagnosis
(2)Liver function tests
(2)Lung function tests
(3)Spirometry
(2)Magnetic resonance imaging
(2)Positron emission tomography
(2)Serodiagnosis
(2)Signs and symptoms
(3)Bacteremia
(3)Diarrhea
(3)Headaches
(3)Inflammation
(4)Panosteitis
(3)Splenomegaly
(3)Vertigo
(2)X ray diagnostics

(3)Encephalograms
(3)Mammography
(1)Plasma diagnostics

Dielectrics
(1)Dielectric amplifiers
(1)Dielectric films
(1)Dielectric properties
(2)Dielectric strength
(1)Dielectric recording systems
(1)Dielectric waveguides
(1)Electrets

Diet
(1)Nutrient analysis

Diffraction
(1)Diffraction analysis
(1)Electron diffraction
(1)Neutron diffraction
(1)Spectra
(2)Continuous spectra
(2)Electromagnetic spectra
(3)Absorption spectra
(3)Atomic spectra
(4)Rydberg constant
(4)Stark effect
(4)Zeeman effect
(3)Band spectra
(3)Emission spectra
(4)Electron impact spectra
(3)Gamma ray spectra
(4)Mossbauer effect
(3)Infrared spectra
(3)Line spectra
(4)Hyperfine structure
(4)Lamb shift
(3)Raman spectra
(4)Stokes radiation
(3)Solar spectrum
(3)Ultraviolet spectra
(3)Visible spectra
(3)X ray spectra
(2)Particle spectra
(3)Alpha spectra
(3)Beta ray spectrum
(3)Mass spectra
(3)Neutron spectrum
(2)Power spectra
(2)Shock spectra
(2)Spectral lines
(3)Collision broadening
(2)Vibrational spectra
(1)Wavefronts
(1)X ray diffraction

Diffusers
(1)Exhaust diffusers
(1)Hypersonic diffusers
(1)Subsonic diffusers
(1)Supersonic diffusers

Diffusion
(1)Gaseous diffusion separation
(1)Osmosis
(2)Electroosmosis
(2)Reverse osmosis
(1)Perfusion
(1)Thermal diffusion
(2)Thermal diffusion separation
(1)Turbulent diffusion

Digital systems
(1)Byte functional modules
(1)Digital combiners
(1)Digital computers
(2)Digital differential analyzers
(1)Digital filters
(1)Digital maps
(1)Digital recording systems

Diluents
(1)Paint thinners

Dipoles
(1)Magnetic dipoles

Discrimination
(1)Bias
(1)Gender discrimination
(1)Pitch discrimination
(1)Racial discrimination
(1)Target discrimination

Diseases
(1)Allergic diseases
(2)Allergens
(2)Anaphylaxis
(2)Asthma
(2)Dermatitis
(3)Acne
(3)Eczema
(1)Animal diseases
(2)Veterinary diseases
(1)Arthropod borne diseases
(2)Mosquito borne diseases
(3)Dengue
(3)Malaria
(4)Sporozoites
(3)Venezuelan equine encephalomyelitis
(3)Venezuelan equine encephalomyelitis virus
(3)Yellow fever
(2)Tickborne diseases
(1)Autoimmune diseases
(1)Blood diseases
(2)Anemias
(3)Sickle cell anemia
(2)Bacteremia
(2)Blood group disorders
(3)ABO incompatibility
(3)Rh incompatibility
(2)Endotoxemia
(2)Hemophilia
(2)Hyperkalemia
(2)Leukemia
(2)Leukopenia
(2)Septicemia
(2)Thrombocytopenia
(2)Thrombosis
(3)Thrombophlebitis

(2)Toxemia
(3)Endotoxemia
(3)Uremia
(1)Enzootic
(1)Epizootic
(1)Eye diseases
(2)Astigmatism
(3)Nystagmus
(2)Blindness
(3)Flashblindness
(2)Cataracts
(2)Conjunctivitis
(2)Glaucoma
(2)Optic neuritis
(2)Retinopathy
(2)Trachoma
(2)Visual defects
(1)Fibrosis
(1)Gastrointestinal diseases
(2)Ascites
(2)Cholera
(2)Colitis
(2)Duodenitis
(2)Dysentery
(3)Bacillary dysentery
(3)Shigellosis
(2)Gastritis
(2)Gastroenteritis
(2)Malabsorption syndromes
(3)Tropical sprue
(2)Nausea
(2)Typhoid
(1)Genetic diseases
(2)Hemophilia
(1)Genital diseases
(1)Illness
(2)Morbidity
(1)Infectious diseases
(2)Abscesses
(2)Bacterial diseases
(3)Anthrax
(3)Bacterial pneumonia
(3)Brucellosis
(3)Conjunctivitis
(3)Impetigo
(3)Leptospirosis
(3)Melioidosis
(3)Relapsing fever
(3)Salmonellosis
(3)Scarlet fever
(3)Tetanus
(3)Tuberculosis
(3)Tularemia
(3)Typhoid
(2)Communicable diseases
(3)Zoonoses
(2)Encephalomyocarditis infections
(2)Fungus diseases
(3)Dermatophytosis
(2)Meningitis
(3)Cerebrospinal meningitis
(2)Parasitic diseases
(3)Amebiasis
(3)Coccidiosis
(3)Elephantiasis
(3)Gnathostomiasis
(3)Helminthic diseases
(4)Filariasis
(4)Hookworm disease
(4)Schistosomiasis
(3)Intestinal parasitosis
(3)Leishmaniasis
(3)Malaria
(4)Sporozoites
(3)Parasitemias
(3)Trypanosomiasis
(4)Chagas disease
(2)Plagues
(2)Q fever
(2)Rickettsial diseases
(2)Rubella
(2)Sepsis
(2)Trachoma
(2)Typhus
(3)Scrub typhus
(2)Venereal diseases
(3)Gonorrhea
(3)Granuloma
(3)Syphilis
(2)Virus diseases
(3)Acquired immune deficiency syndrome
(3)Dengue
(3)Infectious mononucleosis
(3)Influenza
(3)Japanese encephalitis
(3)Lassa fever
(3)Poliomyelitis
(3)Rift Valley fever
(3)Sandfly fever virus infection
(3)Venezuelan equine encephalomyelitis
(3)Viral pneumonia
(3)Yellow fever
(1)Integumentary diseases
(2)Alopecia
(2)Skin diseases
(3)Dermatitis
(4)Acne
(4)Eczema
(3)Erythema
(3)Impetigo
(3)Lupus erythematosus
(3)Pyoderma
(1)Kidney diseases
(2)Dysuria
(2)Nephritis
(2)Uremia
(1)Liver diseases
(2)Cirrhosis
(2)Hepatitis
(3)Serum hepatitis
(1)Lymphocytosis
(1)Metabolic diseases
(2)Acidosis
(2)Diabetes
(2)Hyperglycemia
(2)Hypoglycemia
(2)Obesity
(1)Musculoskeletal diseases
(2)Arthritis
(2)Osteoporosis

(1)Neoplasms
(2)Cancer
(3)Breast cancer
(3)Colon cancer
(3)Hodgkins disease
(3)Lung cancer
(3)Metastasis
(3)Ovarian cancer
(3)Prostate cancer
(2)Cysts
(3)Oocysts
(2)Endometriosis
(2)Intracranial neoplasms
(2)Lymphomas
(3)Hodgkins disease
(2)Myeloma
(2)Sarcoma
(3)Neuroblastoma
(1)Nervous system diseases
(2)Convulsive disorders
(3)Epilepsy
(2)Encephalitis
(3)Japanese encephalitis
(2)Meningitis
(3)Cerebrospinal meningitis
(2)Mental disorders
(3)Alzheimer disease
(3)Amnesia
(4)Amnesic aphasia
(3)Aphasia
(4)Amnesic aphasia
(3)Neuroses
(4)Anorexia
(3)Psychoses
(4)Schizophrenia
(2)Motor disorders
(2)Optic neuritis
(2)Peripheral neuropathy
(1)Occupational diseases
(1)Oral diseases
(2)Dental caries
(2)Gingivitis
(2)Tonsillitis
(1)Pancreatic diseases
(2)Pancreatitis
(1)Radiation sickness
(1)Respiratory diseases
(2)Asthma
(2)Atelectasis
(2)Bronchitis
(2)Emphysema
(2)Hypercapnia
(2)Peribronchiolitis
(2)Pneumonia
(3)Bacterial pneumonia
(3)Bronchopneumonia
(3)Lobar pneumonia
(4)Legionnaires disease
(3)Streptococcal pneumonia
(3)Viral pneumonia
(1)Toxic diseases
(2)Botulism
(2)Carbon monoxide poisoning
(2)Food poisoning
(3)Botulism
(2)Metal poisoning
(2)Tetanus
(2)Toxemia
(3)Endotoxemia
(3)Uremia
(1)Tropical diseases
(2)Cholera
(2)Dengue
(2)Tropical sprue
(2)Typhus
(3)Scrub typhus
(1)Vascular diseases
(2)Cardiovascular diseases
(3)Aortic insufficiency
(3)Arrhythmia
(3)Atherosclerosis
(3)Bradycardia
(3)Cardiac arrest
(3)Circulatory insufficiencies
(4)Aortic insufficiency
(4)Pulmonary insufficiency
(3)Congestive heart failure
(3)Coronary disease
(3)Embolism
(4)Gas embolism
(3)Hematomas
(3)Infarction
(4)Myocardial infarction
(3)Pulmonary edema
(3)Rheumatic diseases
(4)Arthritis
(3)Tachycardia
(3)Thrombosis
(4)Thrombophlebitis
(2)Vascular congestion
(3)Intravascular clots
(1)Zoonotic diseases

Dispensers
(1)Chaff dispensers

Dispersions
(1)Colloids
(2)Aerosols
(3)Biological aerosols
(4)Bacterial aerosols
(3)Mist
(2)Foam
(2)Supernatant liquors
(1)Emulsions
(2)Photographic emulsions
(1)Fog
(2)Cold fog
(2)Ice fog
(1)Smog
(1)Smoke
(2)Colored smokes
(2)Gun smoke
(2)Propellant smoke

Display systems
(1)Alphanumeric displays
(1)Calligraphic displays
(1)Color displays
(2)Color television

(3)Color television tubes
(1)Computer graphics
(1)Data displays
(1)Flat panel displays
(1)Group displays
(1)Head up displays
(1)Helmet mounted displays
(1)Liquid crystal display systems
(1)Matrix displays
(1)Moving target indicators
(1)Plan position indicators
(1)Screens(Displays)
(2)Fluorescent screens
(3)Cathode ray tube screens
(2)Motion picture screens
(1)Stereoscopic display systems
(1)Target position indicators
(1)Television display systems
(1)Viewers

Disposal
(1)Explosive ordnance disposal
(1)Garbage disposal
(1)Waste disposal
(2)Garbage disposal
(2)Landfills
(2)Ocean waste disposal
(2)Sewage disposal

Distillates
(1)Distilled water

Distortion
(1)Phase distortion

Distribution
(1)Age distribution
(1)Bernoulli distribution
(1)Discrete distribution
(1)Electric power distribution
(2)Electric power transmission
(1)Geographic distribution
(1)Load distribution
(1)Pressure distribution
(1)Spatial distribution
(2)Dispersion relations
(1)Spectral energy distribution

Diving
(1)Deep diving
(1)Saturation diving
(1)Scuba diving

Docking
(1)Spacecraft docking

Doctrine
(1)Military doctrine

Documents
(1)Abstracts
(1)Bibliographies
(2)Announcement bulletins
(3)TAB(DTIC)
(1)Biographies
(1)Books
(2)Almanacs
(2)Handbooks
(2)Textbooks
(1)Catalogs
(1)Classified materials
(1)Computer program documentation
(1)Diagrams
(2)Phase diagrams
(2)Schematic diagrams
(2)Wiring diagrams
(1)Dictionaries
(1)Directories
(2)Indexes
(1)Encyclopedias
(1)Engineering drawings
(2)Mechanical drawing
(1)Hard copy
(1)Instructions
(1)Literature surveys
(1)Manuals
(2)Instruction manuals
(3)User manuals
(2)Programming manuals
(1)Military publications
(2)Directives
(2)Mission area analysis
(2)Program objectives memoranda
(2)Security classification guides
(1)Newspapers
(1)Patent applications
(1)Patents
(2)Patent applications
(1)Periodicals
(2)Newspapers
(1)Pictures
(1)Records
(2)Files(Records)
(3)Computer files
(4)Data bases
(5)Relational data bases
(1)Reports
(2)Theses
(1)Reprints
(1)Scientific literature
(1)Thesauri
(1)Translations

Doors
(1)Aircraft doors
(2)Bomb bay doors
(2)Landing gear doors
(1)Watertight doors

Doppler systems
(1)Doppler radar
(1)Doppler sonar
(1)Radio doppler chronographs

Dormancy
(1)Diapause
(1)Hibernation

Dosage
(1)Lethal dosage
(1)Oral dosage
(1)Radiation dosage
(2)Dose rate
(2)Partial body irradiation
(2)Whole body irradiation
(1)Sublethal dosage
(2)Permissible dosage

Drag
(1)Aerodynamic drag
(2)Supersonic drag
(1)Drag reduction
(1)Lift to drag ratio
(1)Low drag

Drilling
(1)Offshore drilling
(1)Rock drilling

Drives
(1)Drives(Electronics)
(1)Final drives
(1)Magnetic drives
(2)Electromagnetic drives
(1)Sheaves(Drives)
(1)Variable speed drives

Drug abuse
(1)Drug addiction
(1)Drug overdose

Drug detection
(1)Drug testing

Drugs
(1)Analgesics
(2)Endorphins
(1)Anesthetics
(2)Barbiturates
(2)Chloralose
(2)Chloroform
(2)Local anesthetics
(1)Antacids
(1)Anticoagulants
(2)Heparin
(1)Anticonvulsants
(1)Antidiuretics
(1)Antidotes
(1)Antiemetics
(1)Antihistaminics
(1)Antihypotensive drugs
(1)Antiinflammatory agents
(1)Antineoplastic agents
(1)Antiplatelet drugs
(1)Antipyretics
(1)Antitubercular agents
(1)Antiviral agents
(1)Autonomic agents
(2)Parasympatholytic agents
(3)Hexamethonium compounds
(3)Levodopa
(2)Parasympathomimetic agents
(3)Arecoline
(3)Carbachol
(3)Cholinesterase inhibitors
(4)Pyridostigmine bromide
(3)Physostigmine
(2)Sympatholytic agents
(2)Sympathomimetic agents
(3)Amphetamines
(3)Isoproterenol
(1)Capsules(Pharmacy)
(1)Carcinogens
(2)Polychlorinated biphenyls
(1)Cardiac glycosides
(2)Digitalis
(2)Digitoxin
(1)Cardiovascular agents
(2)Hexamethonium compounds
(1)Cathartics
(1)Chemotherapeutic agents
(2)Antibiotics
(3)Amphotericin
(3)Chloramphenicol
(3)Erythromycin
(3)Fungicides
(3)Griseofulvin
(3)Josamycin
(3)Neomycins
(3)Nystatin
(3)Penicillins
(3)Polymyxins
(3)Prodigiosin
(3)Sodium cephalothin
(3)Sodium colistimethate
(3)Streptomycins
(3)Sulfonamides
(3)Tetracyclines
(4)Chlortetracycline
(4)Oxytetracycline
(3)Tuberculin
(3)Vancomycin
(2)Antimetabolites
(3)Methotrexate
(2)Antimicrobial agents
(2)Antiparasitic drugs
(3)Anthelmintics
(4)Antischistosomal drugs
(3)Antileishmanial drugs
(3)Antimalarials
(4)Chloroquine
(4)Primaquine
(4)Quinine
(2)Sulfadiazine
(2)Trypanocides
(1)CNS depressants
(1)CNS stimulants
(2)Pentylenetetrazol
(1)Cyclazocine
(1)Diagnostic agents
(2)Contrast media(Medicine)
(1)Digitoxin
(1)Diuretics
(1)Emetics
(1)Histamine
(1)Hypnotics and sedatives
(2)Pentobarbital
(2)Tranquilizers

(3)Diazepam
(3)Methaqualone
(3)Oxazepam
(1)Muscle relaxants
(2)Antispasmodic agents
(2)Skeletal muscle relaxants
(3)Diazepam
(1)Mutagens
(1)Mydriatics
(1)Narcotics
(2)Heroin
(2)Meperidine
(1)Pharmacological antagonists
(1)Placebos
(1)Psychotropic agents
(2)Hallucinogens
(3)Lysergic acids
(3)Psilocin
(2)Psycholeptic agents
(2)Tranquilizers
(3)Diazepam
(3)Methaqualone
(3)Oxazepam
(1)Steroids
(2)Cholesterol
(2)Cortisol
(1)Teratogenic compounds
(1)Thyroid and antithyroid agents

Drying
(1)Freeze drying
(2)Lyophilization

Ducts
(1)Aircraft engine ducts
(1)Duct bends
(1)Ventilation ducts

E

Echoes
(1)Sonar echoes
(1)Target echoes

Ecology
(1)Ecosystems
(2)Closed ecological systems
(1)Eutrophication
(1)Food chains
(1)Habitats

Economics
(1)Agricultural economics
(1)Benefits
(2)Fringe benefits
(1)Costs
(2)Cost analysis
(3)Cost estimates
(3)Cost overruns
(2)Cost effectiveness
(3)Cost benefit analysis
(2)Cost models
(2)Design to cost
(2)High costs
(2)Indirect costs
(2)Life cycle costs
(2)Low costs
(2)Price index
(1)Demand(Economics)
(1)Distribution(Economics)
(1)Economic analysis
(2)Budgets
(3)Budget estimates
(3)Federal budgets
(3)Military budgets
(4)Air Force budgets
(4)Army budgets
(4)Naval budgets
(2)Econometrics
(3)Economic forecasting
(3)Indexes(Ratios)
(4)Price index
(2)Economic impact
(2)Economic models
(3)Cost models
(3)Obsolescence theory
(1)Economic development
(1)Inflation(Economics)
(1)Land use
(2)Real estate
(1)Macroeconomics
(1)Marketing
(2)Market research
(2)Retail

Edges
(1)Leading edges
(1)Selvage
(1)Trailing edges

Efficiency
(1)Quantum efficiency

Eggs
(1)Eggs(Food)

Ejectors
(1)Air ejectors
(1)Ejectors(Ordnance)
(2)Bomb ejectors

Elastomers
(1)Rubber
(2)Butyl rubber
(2)Ebonites
(2)Foam rubber
(2)Latex
(2)Natural rubber
(2)Synthetic rubber
(3)Neoprene
(3)Nitrile rubber
(3)Vinyl rubber
(1)Vulcanizates

Electric batteries
(1)Alkaline batteries
(2)Lithium batteries
(2)Nickel cadmium batteries
(1)Battery components
(2)Battery compartments
(2)Battery separators
(1)Dry batteries
(2)Lithium chlorine cells
(1)Guided missile batteries
(1)Lithium batteries
(1)Low temperature batteries
(1)Magnesium batteries
(1)Mercury batteries
(1)Meteorological batteries
(1)Mine batteries
(1)Primary batteries
(2)Metal air batteries
(2)Reserve batteries
(3)Thermal batteries
(3)Water activated batteries
(4)Sea water batteries
(1)Radioisotope batteries
(1)Storage batteries
(2)Lead acid batteries
(2)Nickel cadmium batteries
(2)Silver zinc batteries
(1)Wet cells

Electric conductors
(1)Electrolytes
(2)Electrolytes(Physiology)
(2)Nonaqueous electrolytes
(2)Polyelectrolytes
(2)Solid electrolytes
(1)Photoconductors
(2)Infrared photoconductors
(1)Superconductors
(2)High temperature superconductors

Electric power plants
(1)Auxiliary power plants
(1)Engine generator sets
(1)Nuclear power plants
(2)Radioisotope thermoelectric devices
(1)Thermal power plants
(2)Steam power plants

Electrical equipment
(1)Armatures
(1)Battery chargers
(1)Brushless electrical equipment
(1)Electric contacts
(2)Electric switches
(3)Channel selectors
(3)Circuit breakers
(3)Crossbar switches
(3)Electronic switches
(3)Interrupters
(3)Push buttons
(3)Rotary switches
(3)Sequence switches
(3)Synchronizing switches
(3)Thermal switches
(3)Time switches
(3)Toggle switches
(3)Transfer switches
(3)Vacuum switches
(2)Electrical brushes
(3)Carbon brushes
(2)Fixed contacts
(2)Metal contacts
(1)Electric reactors
(2)Saturable reactors
(1)Inductors
(2)Fixed inductors
(1)Junction boxes
(1)Microwave equipment
(2)Microwave amplifiers
(3)Backward wave amplifiers
(3)Masers
(3)Parametric amplifiers
(2)Microwave antennas
(3)Cassegrain antennas
(3)Horn antennas
(3)Lens antennas
(4)Luneberg lens antennas
(3)Slot antennas
(2)Microwave tubes
(3)Klystrons
(4)Reflex klystrons
(3)Magnetrons
(3)Traveling wave tubes
(4)Backward wave tubes
(4)Carcinotrons
(1)Miniature electrical equipment
(2)Subminiature electrical equipment
(1)Plugs
(1)Rectifiers
(2)Crystal rectifiers
(2)Dry disk rectifiers
(2)Full wave rectifiers
(2)Half wave rectifiers
(2)Ignitrons
(2)Silicon controlled rectifiers
(1)Resistors
(2)Carbon resistors
(2)Fixed resistors
(3)Film resistors
(4)Thin film resistors
(2)Glass resistors
(2)Photoresistors
(2)Variable resistors
(3)Thermistors
(2)Wirewound resistors
(1)Vibrators(Electrical)

Electricity
(1)Antiferroelectricity
(1)Atmospheric electricity
(2)Lightning
(1)Bioelectricity
(2)Nerve impulses
(1)Electric current
(2)Alternating current
(2)Direct current
(2)Eddy currents
(2)Electrojets
(2)Ionic current
(2)Telluric currents

(1)Electrical properties
(2)Carrier mobility
(2)Dielectric properties
(3)Dielectric strength
(2)Dissipation factor
(2)Electric charge
(3)Charge density
(3)Charge transfer
(3)Electrostatic charge
(3)Space charge
(3)Spacecraft charging
(2)Electric moments
(3)Nuclear electric moments
(2)Electrical conductivity
(3)Photoconductivity
(3)Superconductivity
(2)Electrical grounding
(2)Electrical impedance
(3)Capacitance
(3)Electrical resistance
(4)Magnetoresistance
(3)Inductance
(3)Reactance
(2)Electron mobility
(2)Ferroelectricity
(2)Leakage(Electrical)
(2)Loading(Electronics)
(3)Electrical loads
(4)Dummy loads(Electricity)
(2)Permittivity(Electrical)
(2)Piezoelectricity
(3)Electrostriction
(3)Piezoelectric effect
(2)Pyroelectricity
(1)Ferroelectricity
(1)Hydroelectricity
(1)Photoelectricity
(2)Photoelectric effect
(1)Static electricity
(2)Electrostatics
(1)Thermoelectricity
(2)Seebeck effect
(2)Thermoelectric power generation
(3)Radioisotope thermoelectric devices
(1)Triboelectricity
(1)Voltage
(2)High voltage
(2)Low voltage

Electrodes
(1)Anodes
(2)Anodes(Electrolytic cell)
(2)Anodes(Electron tubes)
(1)Cathodes
(2)Cathodes(Electrolytic cell)
(2)Cathodes(Electron tubes)
(3)Photocathodes
(2)Oxide cathodes
(1)Dynodes
(1)Hydrogen electrodes
(1)Ion selective electrodes
(1)Oxygen electrodes
(1)Spark gaps
(1)Tube grids
(1)Welding rods

Electrodynamics
(1)Electrohydrodynamics
(2)Electrokinetics
(1)Maxwells equations
(1)Quantum electrodynamics
(2)Quantum electronics
(3)Quantum beats
(3)Quantum wells
(4)Multiple quantum wells
(4)Quantum dots
(4)Quantum wires

Electroencephalography
(1)Magnetoencephalograms

Electromechanical devices
(1)Electromechanical converters
(1)Microelectromechanical systems

Electronic equipment
(1)Diodes
(2)Diodes(Electron tubes)
(2)Mesa diodes
(2)Semiconductor diodes
(3)Avalanche diodes
(4)Impatt diodes
(3)Crystal mixers
(3)Gunn diodes
(3)Injection diodes
(3)Junction diodes
(3)Light emitting diodes
(3)Photodiodes
(3)Pin diodes
(3)Trapatt devices
(3)Tunnel diodes
(3)Varactor diodes
(1)Electron tubes
(2)Beam power tubes
(2)Cathode ray tubes
(3)Color television tubes
(3)Dark trace tubes
(3)Kinescopes
(3)Polartrons
(2)Cold cathode tubes
(3)Neon tubes
(3)Phototubes
(4)Cesium electron tubes
(4)Photomultiplier tubes
(2)Diodes(Electron tubes)
(2)Discharge tubes
(3)Ignitrons
(3)Neon tubes
(3)Thyratrons
(3)Transmit receive tubes
(4)Diplexers
(4)Duplexers
(5)Radar duplexers
(2)Electron multipliers
(3)Microchannel plates
(3)Photomultiplier tubes
(2)Electron tube components
(3)Anodes(Electron tubes)
(3)Cathodes(Electron tubes)
(4)Photocathodes
(3)Crossed field devices

(3)Dynodes
(3)Electron guns
(3)Electron tube heaters
(3)Electron tube targets
(4)Cathode ray tube screens
(3)Tube grids
(2)Field emission tubes
(2)Image tubes
(3)Camera tubes
(4)Iconoscopes
(4)Image orthicons
(4)Plumbicons
(4)Vidicons
(5)Infrared vidicons
(3)Image intensifiers(Electronics)
(4)Starlight scopes
(3)Infrared image tubes
(4)Thermicons
(2)Microwave tubes
(3)Klystrons
(4)Reflex klystrons
(3)Magnetrons
(3)Traveling wave tubes
(4)Backward wave tubes
(4)Carcinotrons
(2)Miniature electron tubes
(3)Subminiature electron tubes
(2)Mixer tubes
(2)Pentodes
(2)Radial beam tubes
(2)Resnatrons
(2)Shadow mask tubes
(2)Storage tubes
(2)Tetrodes
(2)Triodes
(2)X ray tubes
(1)Electronic scanners
(1)Electrostatic probes
(2)Langmuir probes
(1)Microwave equipment
(2)Microwave amplifiers
(3)Backward wave amplifiers
(3)Masers
(3)Parametric amplifiers
(2)Microwave antennas
(3)Cassegrain antennas
(3)Horn antennas
(3)Lens antennas
(4)Luneberg lens antennas
(3)Slot antennas
(2)Microwave tubes
(3)Klystrons
(4)Reflex klystrons
(3)Magnetrons
(3)Traveling wave tubes
(4)Backward wave tubes
(4)Carcinotrons
(1)Millimeter wave equipment
(1)Miniature electronic equipment
(2)Miniature electron tubes
(3)Subminiature electron tubes
(2)Subminiature electronic equipment
(3)Subminiature electron tubes
(1)Mixers(Electronics)
(2)Crystal mixers
(2)Mixer tubes
(1)Modules(Electronics)
(2)Byte functional modules
(2)Chips(Electronics)
(3)Flip chips
(3)Multichip modules
(2)Plug in units
(1)Oscillators
(2)Anharmonic oscillators
(2)Crystal oscillators
(2)Radiofrequency oscillators
(3)Backward wave oscillators
(3)Local oscillators
(3)Microwave oscillators
(3)Retarding field oscillators
(2)Relaxation oscillators
(2)Voltage controlled oscillators
(1)Semiconductor devices
(2)Charge coupled devices
(2)Integrated circuits
(3)Large scale integration
(3)Very large scale integration
(2)Neuristors
(2)Photoelectric cells(Semiconductor)
(3)Infrared photoelectric cells
(2)Schottky barrier devices
(2)Semiconductor diodes
(3)Avalanche diodes
(4)Impatt diodes
(3)Crystal mixers
(3)Gunn diodes
(3)Injection diodes
(3)Junction diodes
(3)Light emitting diodes
(3)Photodiodes
(3)Pin diodes
(3)Trapatt devices
(3)Tunnel diodes
(3)Varactor diodes
(2)Semiconductor junctions
(3)Heterojunctions
(3)Josephson junctions
(2)Semiconductor lasers
(3)Diode lasers
(3)Gallium arsenide lasers
(2)Silicon controlled rectifiers
(2)Thermistors
(2)Thyristors
(2)Transistor amplifiers
(2)Transistors
(3)Bases(Transistors)
(3)Bipolar transistors
(3)Field effect transistors
(4)High electron mobility transistors
(3)Junction transistors
(4)Pnp transistors
(3)Phototransistors
(2)Varistors

Electronic multipliers
(1)Electron multipliers
(2)Microchannel plates
(2)Photomultiplier tubes
(1)Frequency multipliers
(2)Second harmonic generation

(2)Third harmonic generation

Electronics
(1)Avalanche effect(Electronics)
(1)Avionics
(2)Astrionics
(1)Blanking(Electronics)
(1)Gaseous electronics
(1)Microelectronics
(2)Microcircuits
(3)Microoptical circuits
(2)Microelectromechanical systems
(2)Nanotechnology
(1)Molecular electronics
(1)Quantum electronics
(2)Quantum beats
(2)Quantum wells
(3)Multiple quantum wells
(3)Quantum dots
(3)Quantum wires
(1)Reentrant electronics
(1)Solid state electronics
(2)Semiconductor devices
(3)Charge coupled devices
(3)Integrated circuits
(4)Large scale integration
(4)Very large scale integration
(3)Neuristors
(3)Photoelectric cells(Semiconductor)
(4)Infrared photoelectric cells
(3)Schottky barrier devices
(3)Semiconductor diodes
(4)Avalanche diodes
(5)Impatt diodes
(4)Crystal mixers
(4)Gunn diodes
(4)Injection diodes
(4)Junction diodes
(4)Light emitting diodes
(4)Photodiodes
(4)Pin diodes
(4)Trapatt devices
(4)Tunnel diodes
(4)Varactor diodes
(3)Semiconductor junctions
(4)Heterojunctions
(4)Josephson junctions
(3)Semiconductor lasers
(4)Diode lasers
(4)Gallium arsenide lasers
(3)Silicon controlled rectifiers
(3)Thermistors
(3)Thyristors
(3)Transistor amplifiers
(3)Transistors
(4)Bases(Transistors)
(4)Bipolar transistors
(4)Field effect transistors
(5)High electron mobility transistors
(4)Junction transistors
(5)Pnp transistors
(4)Phototransistors
(3)Varistors
(2)Semiconductors
(3)Bulk semiconductors
(3)Charge carriers
(4)Free electrons
(4)Holes(Electron deficiencies)
(3)Electron acceptors
(3)Electron donors
(3)Metal oxide semiconductors
(4)Complementary metal oxide semiconductors
(4)Metal nitride oxide semiconductors
(4)Mosfet semiconductors
(3)N type semiconductors
(3)Narrow gap semiconductors
(3)P type semiconductors
(3)Semiconducting films
(4)Silicon on insulator
(5)Silicon on sapphire
(3)Wide gap semiconductors
(1)Tunneling(Electronics)
(1)Visionics

Embrittlement
(1)Hydrogen embrittlement

Emergencies
(1)Disasters
(2)Natural disasters
(1)National energy crisis

Emission
(1)Acoustic emissions
(1)Electron emission
(2)Electric discharges
(3)Breakdown(Electronic threshold)
(3)Electric arcs
(3)Gas discharges
(3)Glow discharges
(3)Lightning
(3)Sparks
(2)Field emission
(2)Photoelectric emission
(2)Secondary emission
(1)Thermionic emission

Emittance
(1)Spectral emittance

Emitters
(1)Cathodes(Electron tubes)
(2)Photocathodes

Encapsulation
(1)Potting

Endurance(General)
(1)Endurance(Physiology)

Enemy
(1)Enemy personnel
(2)Terrorists

Energy
(1)Activation energy
(1)Electron energy
(1)Free energy
(1)High energy
(1)Kinetic energy

(1)Low energy
(1)Mechanical energy
(1)Nuclear energy
(1)Photothermal energy
(1)Potential energy
(2)Geopotential
(1)Reserves(Energy)
(1)Surface energy
(1)Thermonuclear energy

Energy bands
(1)Band gaps
(1)Conduction bands
(1)Valence bands

Energy levels
(1)Atomic energy levels
(2)Ground state
(1)Energy gaps
(2)Band gaps
(1)Molecular energy levels
(1)Nuclear energy levels

Engineering
(1)Aeronautical engineering
(2)Aircraft design
(1)Automotive engineering
(1)Bioengineering
(2)Biomimetics
(1)Chemical engineering
(1)Civil engineering
(2)Coastal engineering
(2)Geotechnical engineering
(3)Geotextiles
(2)Tunneling
(1)Earthquake engineering
(2)Earthquake resistant structures
(2)Earthquake warning systems
(1)Electrical engineering
(2)Power engineering
(2)Radio engineering
(1)Engineering geology
(1)Environmental engineering
(1)Human factors engineering
(2)Ergonomics
(3)Workplace layout
(2)Habitability
(1)Industrial engineering
(2)Beds(Process engineering)
(2)Fluidized bed processes
(2)Industrial equipment
(3)Fluidized bed processors
(3)Industrial reactors
(2)Industrial modernization
(2)Industrial preparedness
(2)Industrial research
(2)Nuclear industrial applications
(2)Spinning(Industrial processes)
(3)Metal spinning
(1)Management engineering
(2)Business process reengineering
(3)Organizational realignment
(3)Privatization
(4)Outsourcing
(2)Collaborative techniques
(3)Collaborative virtual prototyping
(2)Management benchmarking
(2)Management planning and control
(3)Gantt charts
(3)Network analysis(Management)
(4)Critical path methods
(3)PERT
(3)Planning programming budgeting
(2)Production engineering
(3)Concurrent engineering
(3)Mass production
(4)Assembly lines
(3)Production control
(4)Reproducibility
(3)Productivity
(3)Scheduling
(4)Job shop scheduling
(4)Lead time
(3)Tooling
(1)Marine engineering
(2)Naval architecture
(2)Seaworthiness
(2)Shipbuilding
(1)Mechanical engineering
(1)Medical engineering
(1)Military engineering
(1)Mining engineering
(2)Mines(Excavations)
(3)Coal mines
(3)Mine shafts
(3)Surface mines
(1)Nuclear engineering
(2)SNAP technology
(1)Sanitary engineering
(2)Septic tanks
(1)Structural engineering
(2)Structural analysis
(1)Systems engineering
(2)Concurrent engineering
(2)Risk analysis
(2)Software engineering
(3)Computer benchmarking
(3)Software tools
(2)Technology assessment
(1)Value engineering
(2)Simplification

Engines
(1)Air breathing engines
(2)Air breathing engines(Unconventional)
(1)Aircraft engines
(2)Helicopter engines
(3)Turboshaft engines
(1)Electric engines
(2)Arc jet engines
(2)Ion engines
(2)Plasma engines
(1)Engine components
(2)Aircraft engine cowlings
(2)Combustion chamber liners
(2)Connecting rods
(2)Crankcases
(3)Crankshafts
(2)Distributors
(2)Engine air systems components

(3)Air ejectors
(3)Aircraft engine ducts
(3)Induction systems
(3)Jet engine inlets
(4)Ramjet inlets
(4)Turbojet inlets
(3)Turbojet inlet screens
(2)Engine cylinders
(2)Engine fuel systems components
(3)Carburetors
(4)Aircraft carburetors
(3)Fuel injectors
(2)Engine mufflers
(2)Engine starters
(2)Flywheels
(2)Ignition circuits
(2)Piston rings
(2)Pistons
(1)Gas generator engines
(1)Gas turbines
(1)Heat engines
(2)External combustion engines
(3)Steam engines
(2)Internal combustion engines
(3)Compound engines
(3)Compression ignition engines
(4)Diesel engines
(3)Rotary combustion engines
(3)Spark ignition engines
(1)Jet engines
(2)Afterburners
(2)Hydrojet engines
(3)Hydroduct engines
(3)Hydropulse engines
(3)Hydroturbojet engines
(2)Pulsejet engines
(2)Ramjet engines
(3)Recombination ramjet engines
(3)Rocket ramjets
(4)Integral rocket ramjets
(3)Supercharged ejector ramjet engines
(3)Supersonic combustion ramjet engines
(3)Turboramjet engines
(3)Wing ramjet engines
(2)Turbojet engines
(3)Hydroturbojet engines
(3)Turbofan engines
(4)High bypass turbofans
(4)Low bypass turbofans
(4)Variable bypass turbofans
(3)Turboprop engines
(3)Turboramjet engines
(3)Turboshaft engines
(3)Variable cycle engines
(1)Marine engines
(2)Submarine engines
(1)Multifuel engines
(1)Multipulse engines
(1)Piston engines
(2)Reciprocating engines
(3)Diesel engines
(3)Steam engines
(1)Rocket engines
(2)Arc jet engines
(2)Booster rocket engines
(3)Recoverable booster engines
(2)Controllable thrust rocket engines
(2)Ducted rockets
(2)Engine clusters
(2)Fourth stage engines
(2)Hybrid rocket engines
(2)Ion engines
(2)Liquid propellant rocket engines
(3)Cryogenic engines
(2)Movable rocket engines
(2)Nozzleless rocket engines
(2)Plasma engines
(2)Resistorjet engines
(2)Retro rockets
(2)Rocket ramjets
(3)Integral rocket ramjets
(2)Second stage engines
(2)Solar rockets
(2)Solid propellant rocket engines
(3)Dual thrust rocket engines
(3)Jatos
(3)Segmented rocket engines
(2)Sustainer engines
(2)Third stage engines
(2)Thixotropic propellant rocket engines
(2)Thrusters
(2)Vernier rocket engines
(1)Tank engines
(1)Tractor engines
(1)Variable cycle engines

Engraving
(1)Photoengraving

Enrichment
(1)Reactor fuel enrichment

Entrainment
(1)Air entrainment

Environments
(1)Aerospace environments
(2)Space environments
(3)Deep space
(3)Interplanetary space
(3)Interstellar matter
(3)Interstellar space
(3)Lunar environments
(3)Outer space
(1)Confined environments
(1)Electromagnetic environments
(1)Induced environments
(2)Pressurized cabins
(1)Ocean environments
(2)Bathyal zones
(2)Benthonic zones
(3)Abyssal zones
(3)Littoral zones
(2)Euphotic zones

Enzymes
(1)Adenyl cyclase
(1)Coenzymes
(2)Cytochrome oxidase
(2)Glutathione

(1)Collagenase
(1)Dehydrogenases
(2)Lactic dehydrogenase
(2)Phosphate dehydrogenase
(2)Phosphogluconate dehydrogenase
(1)Dextransucrase
(1)Enzyme precursors
(2)Prothrombin
(1)Esterases
(2)Carboxylic ester hydrolases
(3)Cholinesterase
(4)Acetylcholinesterase
(2)Phosphodiesterase
(2)Phosphoric monoester hydrolases
(3)Phosphatases
(4)Acid phosphatase
(1)Glucanases
(1)Hydrolases
(2)Amide hydrolases
(3)Glutaminase
(3)Penicillinase
(3)Urease
(2)Esterases
(3)Carboxylic ester hydrolases
(4)Cholinesterase
(5)Acetylcholinesterase
(3)Phosphodiesterase
(3)Phosphoric monoester hydrolases
(4)Phosphatases
(5)Acid phosphatase
(2)Glycoside hydrolases
(3)Cellulase
(3)Glycosidases
(3)Muramidase
(2)Penicillin acylase
(2)Peptide hydrolases
(3)Chymotrypsin
(3)Clostridiopeptidase A
(3)Papain
(3)Plasmin
(3)Renin
(3)Thrombin
(4)Prothrombin
(3)Trypsin
(1)Isomerases
(2)Racemases and epimerases
(1)Isozymes
(2)Lactic dehydrogenase
(1)Ketoacid lyases
(1)Luciferase
(1)Lyases
(2)Aldehyde lyases
(2)Carbon carbon lyases
(2)Carbon oxygen lyases
(3)Carboxy lyases
(3)Hyaluronate lyase
(3)Hydro lyases
(4)Carbonic anhydrase
(2)Ketoacid lyases
(1)Mucolytic enzymes
(1)Nuclease
(1)Oxidoreductases
(2)Catalase
(2)Cytochrome oxidase
(2)Diamine oxidase
(2)Monoamine oxidase
(2)Peroxidases
(2)Superoxide dismutase
(1)Pepsins
(1)Phosphorylases
(1)Saccharidases
(1)Transferases
(2)Alkyl transferases
(2)Aminotransferases
(2)Choline acetyltransferase
(2)Phosphorus transferases
(3)Creatine phosphokinase
(3)Hexokinase

Equilibrium(General)
(1)Equilibrium(Physiology)

Escape systems
(1)Escape capsules
(1)Submarine escape

Estimates
(1)Cost estimates

Etching
(1)Reactive ion etching

Evacuation
(1)Medical evacuation
(2)Aeromedical evacuation

Evolution(General)
(1)Evolution(Biology)
(1)Evolution(Development)
(2)Stellar evolution
(1)Gas evolution

Excavation
(1)Ditches
(1)Foxholes
(1)Rapid excavation
(1)Sumps
(1)Trenching
(1)Tunneling

Exhaust systems
(1)Exhaust diffusers
(1)Exhaust fairings
(1)Exhaust nozzles
(2)Rocket nozzles
(2)Thrust augmentor nozzles
(2)Turbojet exhaust nozzles
(2)Turboprop exhaust nozzles
(1)Exhaust pipes
(1)Exhaust valves
(1)Mufflers
(2)Engine mufflers
(2)Silencers(Ordnance)

Expansion
(1)Thermal expansion
(2)Isentrope

Explosions
(1)Airburst
(2)Height of burst
(1)Detonations
(2)Sympathetic detonations
(1)Dust explosions
(1)Explosion effects
(2)Blast
(3)Backblast
(3)Blast waves
(2)Explosion bubbles
(1)Implosions
(1)Multibursts
(1)Nuclear explosions
(2)Nuclear clouds
(2)Nuclear fireball
(1)Surface burst
(1)Underground explosions
(1)Underwater explosions

Explosives
(1)Aluminized explosives
(1)Amatex
(1)Amatol
(1)Ammonium picrate
(1)Ballistite
(1)Black powder
(1)Cyclotol
(1)DNT
(1)Explosive charges
(2)Bursting charges
(2)Demolition charges
(2)Depth charges
(3)Depth charge components
(2)Destructors
(2)Detonating cord
(2)Powder bags
(2)Propelling charges
(3)Projector charges
(2)Shaped charges
(3)Shaped charge jets
(3)Shaped charge warheads
(2)Spotting charges
(2)Zone charges
(1)Explosive gases
(1)Fuel air explosives
(1)Fulminates
(1)High explosives
(2)Dynamite
(2)Lead azides
(1)HMX
(1)Insensitive explosives
(1)Liquid explosives
(1)Nitroglycerin
(1)Pentolite
(1)PETN
(1)Plastic bonded explosives
(1)Plastic explosives
(1)RDX
(1)Sheet explosives
(1)Slurry explosives
(1)Tetryl
(1)Torpex
(1)Tritonal explosives
(2)TNT

Exposure(General)
(1)Exposure(Physiology)

Expulsion
(1)Positive expulsion
(2)Expulsion bladders

Extraterrestrial bases
(1)Lunar bases

F

Fabrication
(1)Assembly
(1)Installation
(1)Machine shop practice
(2)Machining
(3)Electroerosive machining
(4)Spark machining
(3)Micromachining
(2)Material forming
(3)Calendering(Sheet forming)
(3)Casting
(4)Centrifugal casting
(4)Die casting
(4)Drop casting
(4)Investment casting
(4)Near net shape forming
(4)Sand casting
(4)Slip casting
(3)Chemical milling
(3)Drawing(Forming)
(4)Cold drawing
(3)Electroforming
(3)Extrusion
(3)Hydroforming(Mechanical)
(3)Mechanical working
(4)Cold working
(5)Metal spinning
(5)Stretch forming
(5)Swaging
(4)Hot working
(5)Hot pressing
(4)Powder metallurgy
(4)Rolling(Metallurgy)
(5)Cold rolled process
(3)Metalworking
(4)Autofrettage
(4)Bulging
(4)Forging
(5)Drop forging
(5)Press forging
(4)High energy rate forming
(5)Explosive forming
(4)Metal spinning
(4)Swaging
(3)Molding techniques
(4)Compression molding
(4)Injection molding
(5)Resin transfer molding
(3)Pressing(Forming)

(4)Hot pressing
(4)Isostatic pressing
(3)Pultrusion
(1)Prefabrication
(1)Spray forming

Facilities
(1)Military facilities
(2)Air Force facilities
(2)Army facilities
(2)Bare bases
(2)Barracks
(2)Floating bases
(2)Fortifications
(2)Marine Corps facilities
(2)Naval shore facilities
(3)Naval air stations
(3)Naval research laboratories
(2)Submarine bases
(1)Parking facilities
(1)Research facilities
(2)Laboratories
(3)Aeronautical laboratories
(3)Army research laboratories
(3)Biological laboratories
(3)Chemical laboratories
(3)Chemical warfare laboratories
(3)Clean rooms
(3)Electronics laboratories
(3)Flying laboratories
(3)Materials laboratories
(3)Mathematics laboratories
(3)Medical laboratories
(4)Clinical laboratories
(3)Metallurgical laboratories
(3)Naval research laboratories
(3)Ordnance laboratories
(3)Physics laboratories
(4)Nuclear physics laboratories
(3)Psychological laboratories
(3)Radiochemistry laboratories
(3)Radiological laboratories
(3)Rocket laboratories
(2)Observatories
(3)Astronomical observatories
(4)Solar observatories
(1)Shower facilities
(1)Stations
(2)Direction finding stations
(2)Ground stations
(2)Naval air stations
(2)Pumping stations
(2)Radar stations
(2)Radio stations
(3)Radio relay stations
(2)Seismological stations
(2)Space stations
(2)Television stations
(2)Tracking stations
(2)Weather stations
(3)Fleet weather central
(2)Work stations
(1)Terminal flight facilities
(2)Airport control towers
(2)Airports
(3)Heliports
(4)Helipads
(3)International airports
(2)Landing fields
(3)Landing lights
(3)Landing pads
(4)Helipads
(3)Runways
(4)Taxiways
(2)Landing mats
(1)Test facilities
(2)Altitude chambers
(2)Anechoic chambers
(2)Model basins
(2)Ranges(Facilities)
(3)Acoustic ranges
(3)Guided missile ranges
(2)Shock tunnels
(2)Tracks(Aerodynamics)
(2)Vacuum chambers
(2)Water channel test facilities
(3)Water tunnels
(2)Wind tunnels
(3)Hypersonic wind tunnels
(3)Subsonic wind tunnels
(3)Supersonic wind tunnels
(3)Transonic wind tunnels
(1)Underground facilities

Fairings
(1)Cable fairings
(1)Exhaust fairings
(1)Jet engine fairings
(1)Propeller cuffs
(1)Spinners

Fastenings
(1)Bolts
(2)Explosive bolts
(1)Grommets
(1)Hooks
(1)Locking fastener devices
(2)Detents
(2)Latches
(2)Rivets
(1)Lugs
(1)Nails(Fasteners)
(1)Nuts(Fastenings)
(1)Pins
(2)Dowels
(2)Shear pins
(1)Screws
(2)Screw threads
(1)Slings
(1)Splines
(1)Tiedown devices
(1)Zippers

Fatigue
(1)Fatigue(Mechanics)
(2)Fatigue life
(2)Fatigue tests(Mechanics)
(2)Sonic fatigue
(2)Thermal fatigue
(1)Fatigue(Physiology)

Fault tolerance
(1)Fault tolerant computing

Fault trees
(1)Fault tree analysis

Faults
(1)Faults(Geology)

Feasibility studies
(1)Reactor feasibility studies

Feed mechanisms
(1)Ammunition feed mechanisms

Feedback
(1)Biofeedback

Feeding
(1)Ingestion(Physiology)
(1)Parenteral infusions

Ferroelectric materials
(1)Ferroelectric crystals

Fiberboard
(1)Paperboard
(1)Wallboard

Fibers
(1)Asbestos
(1)Carbon fibers
(1)Ceramic fibers
(1)Fiberglass
(1)Glass fibers
(1)Jute
(1)Linters
(1)Metal fibers
(2)Whiskers(Crystals)
(1)Rubber fibers
(1)Silk
(1)Synthetic fibers
(2)Mineral wool
(2)Orlon
(2)Polyester fibers
(3)Dacron
(2)Rayon
(1)Viscose
(1)Yarns
(2)Carbon yarn
(2)Woolen textiles

Filaments
(1)Carbon nanotubes
(1)Monofilaments

Films
(1)Diamond films
(1)Dielectric films
(1)Metal films
(1)Monomolecular films
(2)Langmuir Blodgett films
(1)Polymeric films
(1)Semiconducting films
(2)Silicon on insulator
(3)Silicon on sapphire
(1)Thick films
(1)Thin films

Filters
(1)Acoustic filters
(2)Optoacoustic filters
(1)Adaptive filters
(1)Bandpass filters
(2)Crystal filters
(2)High pass filters
(2)Low pass filters
(1)Bandstop filters
(2)Notch filters
(1)Chirp filters
(1)Electric filters
(2)Coaxial filters
(2)Comb filters
(2)Crystal filters
(2)Digital filters
(2)Matched filters
(2)Tuned filters
(2)Video filters
(1)Electromagnetic wave filters
(2)Optical filters
(3)Infrared filters
(3)Optical limiters
(3)Photographic filters
(3)Ultraviolet filters
(2)Polarizing filters
(2)Waveguide filters
(2)X ray filters
(1)Filter analysis
(1)Fluid filters
(2)Filter paper
(2)Fuel filters
(2)Gas filters
(3)Air filters
(3)Protective mask filters
(2)Liquid filters
(3)Hydraulic fluid filters
(3)Oil filters
(3)Water filters
(2)Millipore filters
(1)Mathematical filters
(2)Linear filtering
(3)Kalman filtering
(2)Recursive filters
(1)Radiofrequency filters
(2)Microwave filters

Finance
(1)Accounting
(2)Auditing
(1)Amortization
(1)Banking
(1)Bankruptcy
(1)Comptrollers
(1)Income
(2)Financial allotment
(2)Profits
(2)Salaries
(1)Insurance
(1)Investments
(2)Capital investments

(1)Payment
(2)Disbursements
(2)Grants
(1)Revenue sharing
(1)Taxes

Finishes
(1)Aircraft finishes
(1)Electrolytic polishing
(1)Glazes
(1)Precision finishing
(1)Protective treatments
(2)Anodic coatings
(2)Chromizing
(2)Moistureproofing
(2)Mothproofing
(2)Phosphate coatings
(2)Protective coatings
(3)Antifouling coatings
(3)Barrier coatings
(3)Fire resistant coatings
(3)Lacquers
(3)Polishes
(3)Refractory coatings
(2)Waterproofing
(2)Weatherproofing
(3)Winterization
(1)Surface finishing
(2)Abrasive blasting
(2)End milling
(2)Flame spraying
(2)Grooving
(2)Polishing
(3)Electrolytic polishing
(2)Precision finishing
(2)Shot peening

Fires
(1)Aircraft fires
(1)Fire storms
(1)Forest fires
(1)Ship fires

Flashes
(1)Impact flash
(1)Nuclear flash
(1)Propellant flash
(2)Muzzle flash
(1)X ray flash

Flight
(1)Approach
(1)Captive flight
(1)Climbing
(2)Boost phase
(1)Flight maneuvers
(2)Hovering
(2)Sideslip
(2)Spin recovery
(2)Turning flight
(1)Flight paths
(2)Pressure pattern flight
(2)Pursuit courses
(1)Formation flight
(1)Free flight
(2)Gliding
(1)Hypersonic flight
(1)Instrument flight
(1)Kiting
(1)Level flight
(1)Night flight
(1)Nonpowered flight
(1)Overflight
(1)Space flight
(2)Extravehicular activity
(1)Subsonic flight
(1)Supersonic flight
(1)Transatlantic flights
(1)Transition flight
(1)Transmeridian flights
(1)Transonic flight

Floats
(1)Pontoons
(1)Seaplane floats

Floors
(1)Ship decks
(2)Flight decks
(2)Hangar decks

Flow
(1)Channel flow
(2)Pipe flow
(3)Poiseuille flow
(1)Cold flow
(1)Cross flow
(1)Flow fields
(1)Flow separation
(1)Flow visualization
(2)Particle image velocimetry
(1)Fluid flow
(2)Axisymmetric flow
(3)Annular flow
(3)Axial flow
(2)Backflow
(2)Base flow
(2)Coanda effect
(2)Compressible flow
(2)Couette flow
(2)Downstream flow
(2)Gas flow
(3)Adiabatic gas flow
(3)Air flow
(4)Downwash
(3)Free stream
(3)Frozen equilibrium flow
(3)Hypersonic flow
(3)Knudsen number
(3)Nonequilibrium flow
(3)Nozzle gas flow
(3)Shifting equilibrium flow
(3)Slip flow
(3)Subsonic flow
(3)Supersonic flow
(3)Transonic flow
(2)Hydraulic ram effect
(2)Incompressible flow
(3)Poiseuille flow
(2)Inviscid flow

(2)Jet flow
(2)Jet mixing flow
(2)Laminar flow
(2)Nonuniform flow
(2)Secondary flow
(2)Steady flow
(3)Couette flow
(3)Poiseuille flow
(2)Supercritical flow
(2)Superfluidity
(2)Turbulent flow
(2)Unsteady flow
(3)Unsteady aerodynamics
(2)Viscous flow
(3)Boundary layer flow
(3)Shear flow
(2)Vortices
(3)Eddies(Fluid mechanics)
(3)Trailing vortices
(2)Water flow
(3)Streamflow analysis
(3)Turbidity currents
(2)Water hammer
(1)Mass flow
(1)Multiphase flow
(2)Three phase flow
(2)Two phase flow
(1)One dimensional flow
(1)Plastic flow
(1)Potential flow
(1)Radial flow
(1)Three dimensional flow
(1)Two dimensional flow
(2)Couette flow

Fluidics
(1)Fluerics
(2)Flueric devices
(3)Fluid amplifiers
(4)Fluidic amplifiers
(1)Fluidic amplifiers
(1)Fluidic control
(1)Hydrofluidics

Fluids
(1)Body fluids
(2)Bile
(2)Blood
(3)Blood gases
(3)Blood plasma
(4)Blood serum
(5)Antilymphocyte serum
(5)Complement(Biology)
(3)Blood proteins
(4)Fibrin
(4)Fibrinogen
(4)Globulins
(5)Immunoglobulins
(5)Muscle proteins
(5)Myoglobulin
(5)Myosin
(5)Ricin
(5)Serum globulin
(6)Alpha globulin
(6)Gamma globulin
(4)Hemoglobin
(5)Methemoglobin
(4)Interferon
(4)Properdin
(4)Serum albumin
(4)Thrombin
(5)Prothrombin
(4)Thromboplastin
(2)Cerebrospinal fluid
(2)Gastric juice
(2)Lymph
(2)Mucus
(3)Mucin
(2)Perspiration
(2)Saliva
(2)Tissue fluids
(2)Urine
(3)Creatinine
(1)Gases
(2)Blood gases
(2)Breathing gases
(2)Coal gas
(2)Cold gases
(2)Combustion chamber gases
(2)Compressed air
(2)Corrosive gases
(2)Dense gases
(2)Exhaust gases
(3)Aircraft exhaust
(3)Automobile exhaust
(3)Fumes
(3)Jet engine exhaust
(3)Plumes
(4)Exhaust plumes
(3)Rocket exhaust
(2)Explosion gases
(2)Explosive gases
(2)Flue gases
(2)Hot gases
(2)Ionized gases
(2)Laser gases
(2)Liquefied gases
(3)Liquefied natural gas
(3)Liquid ammonia
(3)Liquid helium
(3)Liquid hydrogen
(3)Liquid nitrogen
(3)Liquid oxygen
(3)Liquid propane
(2)Poisonous gases
(3)Phosgene
(2)Rare gases
(3)Argon
(3)Helium
(4)Liquid helium
(3)Krypton
(4)Kryptonates
(3)Neon
(3)Radon
(3)Xenon
(2)Rarefied gases
(2)Reactive gases
(2)Solidified gases
(2)Trace gases
(2)Waste gases

(1)Liquids
(2)Conductive liquids
(2)Corrosive liquids
(2)Hydraulic fluids
(3)Brake fluids
(2)Liquefied gases
(3)Liquefied natural gas
(3)Liquid ammonia
(3)Liquid helium
(3)Liquid hydrogen
(3)Liquid nitrogen
(3)Liquid oxygen
(3)Liquid propane
(2)Liquid metals
(3)Liquid metal coolants
(2)Supernatant liquors
(2)Water
(3)Bottom waters
(3)Cold water
(3)Deep water
(4)Deep oceans
(3)Distilled water
(3)Feed water
(3)Fresh water
(4)Drinking water
(3)Ground water
(4)Aquicludes
(4)Aquifers
(5)Water table
(4)Drawdown
(4)Hard water
(3)Heavy water
(4)Heavy water vapor
(3)Hot water
(3)Open water
(3)Salt water
(4)Brackish water
(4)Brines
(4)Sea water
(3)Shallow water
(3)Surface waters
(3)Tidewater
(3)Waste water
(3)Water analysis
(4)Water quality
(3)Water resources
(4)Water supplies
(5)Ground water
(6)Aquicludes
(6)Aquifers
(7)Water table
(6)Drawdown
(6)Hard water
(5)Springs(Water)
(5)Water wells
(1)Nonnewtonian fluids
(1)Sprays
(2)Fuel sprays
(1)Transmission fluids
(1)Vapors
(2)Effluvia
(3)Human effluvia
(2)Metal vapors
(2)Water vapor
(3)Heavy water vapor
(3)Steam

Flux density
(1)Radiance
(1)Radiant flux density
(2)Radiant intensity

Fluxes(Fusion)
(1)Soldering fluxes
(1)Welding fluxes

Focal planes
(1)Focal plane arrays

Foils(Materials)
(1)Aluminum foil

Food
(1)Beverages
(2)Alcoholic beverages
(2)Coffee
(2)Fruit juices
(2)Milk
(3)Milk fat
(2)Tea
(1)Bread
(1)Canned foods
(1)Carbohydrates
(2)Glycosides
(3)Glycoside hydrolases
(4)Cellulase
(4)Glycosidases
(4)Muramidase
(2)Polysaccharides
(3)Alginic acid
(3)Carboxymethylcellulose
(3)Cellulose
(3)Chitin
(3)Dextran
(3)Dextrins
(3)Glycogen
(3)Inulin
(3)Lipopolysaccharides
(3)Mucopolysaccharides
(4)Chondroitin
(4)Sialic acids
(3)Pectins
(3)Starches
(3)Sugar acids
(4)Uronic acids
(5)Alginic acid
(2)Sugars
(3)Disaccharides
(4)Lactose
(4)Sucrose
(4)Trehalose
(3)Monosaccharides
(4)Aldoses
(4)Hexoses
(5)Fructoses
(5)Galactose
(5)Glucose
(6)Acid citrate dextrose
(5)Mannose
(4)Pentoses

(5)Arabinose
(5)Ribose
(5)Xylose
(2)Trisaccharides
(1)Cereals
(2)Barley
(2)Cereal products
(3)Flour
(2)Corn
(2)Wheat
(1)Chocolate
(1)Concentrated foods
(2)Compressed foods
(2)Dehydrated foods
(3)Freeze dried foods
(1)Condiments
(1)Convenience foods
(1)Culture media
(2)Agar
(1)Dairy products
(2)Cheeses
(2)Milk
(3)Milk fat
(1)Desserts
(1)Eggs(Food)
(1)Fats
(2)Milk fat
(1)Food consumption
(1)Fresh foods
(1)Frozen foods
(1)Fruits
(2)Cherries
(2)Citrus fruit
(2)Pineapples
(2)Prunes
(1)Irradiated food
(1)Meat
(2)Bacon
(2)Beef
(2)Ham
(2)Meat loaf
(2)Pork
(2)Sausage
(1)Nutrients
(1)Pickles
(1)Rations
(2)Emergency rations
(2)Military rations
(2)Shelter rations
(2)Space rations
(2)Survival rations
(1)Salads
(1)Seafood
(1)Soup
(1)Vegetables
(2)Beans
(2)Carrots
(2)Celery
(2)Lettuce
(2)Onions
(2)Peas
(2)Potatoes
(2)Sauerkraut

Food dispensing
(1)Food service
(2)Meals
(2)Menu

Food processing
(1)Canning
(1)Food preservation

Forecasting
(1)Delphi techniques
(1)Ice forecasting
(1)Technology forecasting
(1)Weather forecasting

Foreign
(1)Foreign languages
(2)Arabic language
(2)Bulgarian language
(2)Chinese language
(2)Czech language
(2)Dutch language
(2)French language
(2)German language
(2)Hungarian language
(2)Italian language
(2)Japanese language
(2)Norwegian language
(2)Polish language
(2)Russian language
(2)Serbocroatian language
(2)Spanish language
(2)Swedish language
(2)Vietnamese language
(1)Foreign policy
(1)Government(Foreign)
(1)Military Forces(Foreign)
(2)Israeli commandos
(2)NATO Forces
(1)Overseas

Foreign aid
(1)Military assistance

Formulations
(1)Formulations(Chemistry)

Forward looking
(1)Forward looking infrared systems
(1)Forward looking television

Fragmentation
(1)Tank fragmentation

Fragments
(1)Ammunition fragments
(1)Tank fragments

Frames
(1)Chassis
(2)Vehicle chassis components
(3)Axle shafts
(3)Clutches
(3)Differentials(Mechanical)
(3)Roadwheels

(3)Tires
(4)Aircraft tires
(4)Radial tires
(3)Torsion bars
(3)Transmissions(Mechanical)
(4)Automatic transmissions
(3)Universal joints
(3)Vehicle brakes
(4)Wheel brakes
(3)Vehicle tracks
(3)Wheel hubs
(1)Frames(Photographs)

Fratricide
(1)Friendly fire

Frequency
(1)Audio frequency
(1)Broadband
(1)Carrier frequencies
(1)Difference frequency
(1)Frequency bands
(2)Interference guard band
(2)Radiofrequency
(3)Extremely low frequency
(3)High frequency
(3)Low frequency
(3)Medium frequency
(3)Microwave frequency
(4)Extremely high frequency
(5)F band
(5)M band
(5)Q band
(5)V band
(5)W band
(4)Superhigh frequency
(5)C band
(5)G band
(5)H band
(5)I band
(5)J band
(5)K band
(6)Ka band
(6)Ku band
(5)S band
(5)X band
(4)Ultrahigh frequency
(5)B band
(5)D band
(5)E band
(5)L band
(4)Very high frequency
(5)A band
(5)P band
(3)Superlow frequency
(3)Ultralow frequency
(3)Very low frequency
(2)Sidebands
(1)Frequency domain
(1)Frequency shift
(2)Doppler effect
(2)Frequency agility
(2)Frequency diversity
(3)Spread spectrum
(1)Intermediate frequencies
(1)Long wavelengths
(1)Low frequencies
(2)Infrasonic radiation
(3)Infrasound
(1)Narrowband
(1)Resonant frequency
(1)Ultrasonic frequencies

Frequency converters
(1)Frequency dividers
(1)Frequency multipliers
(2)Second harmonic generation
(2)Third harmonic generation
(1)Parametric frequency converters

Friction
(1)Internal friction
(1)Skin friction
(1)Sliding friction
(1)Traction
(2)Hydroplaning

Fuel systems
(1)Engine fuel systems components
(2)Carburetors
(3)Aircraft carburetors
(2)Fuel injectors
(1)Fuel filters
(1)Fuel gages
(1)Fuel hoses
(1)Fuel injection
(1)Fuel lines
(2)Self sealing fuel lines
(1)Fuel meters
(1)Fuel nozzles
(1)Fuel pumps
(2)Refueling pumps
(1)Fuel tanks
(2)Propellant tanks
(2)Self sealing fuel tanks

Fuels
(1)Amine fuels
(1)Automotive fuels
(1)Aviation fuels
(2)Aviation gasoline
(1)Coal gas
(1)Diesel fuels
(1)Engine primers
(1)Flame fuels
(2)Flamethrower fuels
(3)Flamethrowers
(1)Fossil fuels
(2)Coal
(3)Anthracite
(3)Bituminous coal
(3)Char oil
(2)Peat
(2)Petroleum products
(3)Crude oil
(4)Oil shales
(4)Shale oil
(3)Diesel fuels
(3)Fuel oil
(3)Gasoline

(4)Aviation gasoline
(3)Kerosene
(3)Natural gas
(4)Liquefied natural gas
(1)Fuel oil
(1)Fuel shortages
(1)Fuel sprays
(1)Gasoline
(2)Aviation gasoline
(1)Heating oils
(1)Heavy fuels
(1)Hypergolic fuels
(2)Hypergolic rocket propellants
(1)Jet engine fuels
(2)Solid jet engine fuels
(1)Low lead fuels
(1)Natural gas
(2)Liquefied natural gas
(1)Reactor fuels
(1)Rocket fuels
(2)Liquid rocket fuels
(3)Hydrazines
(4)Aerozine
(4)Hydrazine derivatives
(5)Methyl hydrazines
(6)Dimethylhydrazines
(2)Solid rocket fuels
(1)Slurry fuels
(1)Solid fuels
(2)Solid jet engine fuels
(1)Synthetic fuels

Functions
(1)Functions(Mathematics)
(2)Algebraic functions
(2)Analytic functions
(2)Biharmonic functions
(2)Chebyshev functions
(2)Fitting functions(Mathematics)
(2)Kernel functions
(2)Lagrangian functions
(2)Lyapunov functions
(2)Meromorphic functions
(3)Rational functions
(2)Normal density functions
(2)Periodic functions
(2)Power spectra
(2)Probability density functions
(3)Bivariate density functions
(3)Poisson density functions
(3)Weibull density functions
(2)Recursive functions
(2)Scalar functions
(2)Special functions(Mathematics)
(3)Bessel functions
(3)Delta functions
(3)Exponential functions
(3)Greens functions
(3)Hypergeometric functions
(3)Laguerre functions
(3)Legendre functions
(3)Logarithm functions
(3)Monotone functions
(3)Spherical harmonics
(3)Step functions
(2)Statistical functions
(3)Distribution functions
(4)Distribution curves
(4)Normal distribution
(4)Probability distribution functions
(2)Transcendental functions
(2)Transfer functions
(2)Walsh functions
(2)Wave functions
(3)Harmonics
(2)Weighting functions
(2)Work functions

Furniture
(1)Chairs
(1)Pads(Cushions)
(1)Tables(Furniture)

G

Gain
(1)High gain
(1)Power gain

Gas generating systems
(1)Oxygen generators
(1)Steam generators

Gels
(1)Incendiary gels
(1)Silica gels

Generators
(1)Aerosol generators
(2)Smoke generators
(1)Character generators
(1)Electric generators
(2)Alternators
(2)Amplidynes
(2)Electrostatic generators
(3)Van de Graaff generators
(2)Hand generators
(2)Magnetohydrodynamic generators
(2)Magnetos
(2)Motor generators
(3)Dynamotors
(2)Plasma generators
(2)Radioisotope thermoelectric devices
(2)Solar generators
(3)Solar panels
(4)Solar cells
(4)Solar collectors
(2)Thermionic converters
(2)Turbogenerators
(1)Harmonic generators
(1)Radiofrequency generators
(2)Exciters
(1)Sound generators
(2)Acoustic horns
(2)Sound reproduction systems
(2)Tuning forks

(2)Underwater sound generators
(3)Sonar projectors
(4)Pingers
(1)Standby generators
(1)Waveform generators
(2)Signal generators
(3)Frequency synthesizers
(3)Noise generators
(3)Pulse generators
(3)Signal generation
(3)Sweep generators
(4)Rasters

Geographic areas
(1)Africa
(2)North Africa
(3)Algeria
(3)Egypt
(4)Sinai
(3)Libya
(3)Morocco
(3)Tunisia
(2)Saharan Africa
(3)Mauritania
(2)Subsaharan Africa
(3)Angola
(3)Burundi
(3)East Africa
(4)Ethiopia
(4)Kenya
(4)Mozambique
(4)Somalia
(4)Tanzania
(5)Zanzibar
(3)Ghana
(3)Ivory Coast
(3)Malawi
(3)Nigeria
(3)Rhodesia
(4)Zambia
(4)Zimbabwe
(3)Rwanda
(3)South Africa
(3)Sudan
(3)Uganda
(3)Zaire
(2)West Africa
(3)Ghana
(3)Ivory Coast
(3)Liberia
(3)Mauritania
(3)Nigeria
(1)Arid land
(2)Deserts
(2)Dry lakes
(3)Playas
(1)Aseismic areas
(1)Australia
(1)Basins(Geographic)
(2)Ocean basins
(2)Stilling basins
(1)Bays
(2)Bengal Bay
(2)Buzzards Bay
(2)Chesapeake Bay
(2)Delaware Bay
(2)Fundy Bay
(2)Hudson Bay
(2)Massachusetts Bay
(2)Narragansett Bay
(2)Passamaquoddy Bay
(2)Puget Sound
(2)San Diego Bay
(2)San Francisco Bay
(1)Cold regions
(2)Antarctic regions
(3)Ross Sea
(2)Arctic regions
(2)Marginal ice zones
(2)Polar regions
(3)Polar cap
(2)Subarctic regions
(1)Communist countries
(2)China
(3)Manchuria
(2)Cuba
(2)Ethiopia
(2)Franz Josef Land
(2)North Korea
(2)North Vietnam
(2)USSR
(3)Franz Josef Land
(1)Demilitarized zones
(1)Epicenters
(1)Eurasia
(2)Asia
(3)Far East
(4)China
(5)Manchuria
(4)Japan
(5)Ryukyu Islands
(6)Okinawa
(4)Korea
(5)North Korea
(5)South Korea
(4)Mongolia
(4)Nepal
(4)Taiwan
(3)Northeast Asia
(4)Siberia
(5)Kamchatka Peninsula
(3)South Asia
(4)Afghanistan
(4)Bangladesh
(4)India
(4)Pakistan
(4)Southeast Asia
(5)Borneo
(5)Burma
(5)Cambodia
(5)Indonesia
(6)Java
(6)Sumatra
(5)Laos
(5)Malaysia
(6)Malaya
(5)New Guinea
(5)Philippines
(5)Singapore
(5)Thailand

(5)Vietnam
(6)North Vietnam
(6)South Vietnam
(7)Mekong Delta
(4)Southwest Asia
(5)Arabia
(6)Bahrain
(6)Kuwait
(6)Saudi Arabia
(6)United Arab Emirates
(6)Yemen
(5)Armenia
(5)Azerbaijan
(5)Georgia(Republic)
(5)Iran
(5)Iraq
(5)Israel
(5)Jordan
(5)Kazakhstan
(5)Kirgyzia
(5)Lebanon
(5)Sinai
(5)Syria
(5)Tajikistan
(5)Turkmenistan
(5)Uzbekistan
(4)Sri Lanka
(2)CIS
(3)Armenia
(3)Azerbaijan
(3)Belarus
(3)Kazakhstan
(3)Kirgyzia
(3)Moldova
(3)Russia
(4)Franz Josef Land
(4)Kurile Islands
(4)Siberia
(5)Kamchatka Peninsula
(3)Tajikistan
(3)Turkmenistan
(3)Ukraine
(3)Uzbekistan
(2)Europe
(3)Central Europe
(4)Austria
(4)Germany
(5)Berlin
(5)Germany(East and West)
(6)East Germany
(6)West Germany
(3)Eastern Europe
(4)Albania
(4)Baltic countries
(5)Estonia
(5)Latvia
(5)Lithuania
(4)Belarus
(4)Bulgaria
(4)Czechoslovakia
(5)Czech Republic
(5)Slovakia
(4)Finland
(4)Greece
(4)Hungary
(4)Moldova
(4)Poland
(4)Rumania
(4)Ukraine
(4)Yugoslavia
(5)Bosnia Herzegovina
(5)Croatia
(5)Macedonia
(5)Montenegro
(5)Serbia
(5)Slovenia
(3)Northern Europe
(3)Southern Europe
(3)Western Europe
(4)Austria
(4)Belgium
(4)Denmark
(5)Faroe Islands
(4)France
(4)Iberian Peninsula
(5)Portugal
(5)Spain
(6)Gibraltar
(4)Iceland
(4)Ireland
(4)Italy
(5)Sardinia
(5)Sicily
(4)Luxembourg
(4)Monaco
(4)Netherlands
(4)Norway
(4)Sweden
(4)Switzerland
(4)United Kingdom
(4)West Germany
(1)Gulfs
(2)Aden Gulf
(2)Alaska Gulf
(2)California Gulf
(2)Maine Gulf
(2)Mexico Gulf
(2)Oman Gulf
(2)Persian Gulf
(2)Pohai Gulf
(2)Suez Gulf
(2)Tonkin Gulf
(1)High latitudes
(1)Hong Kong
(1)Hot regions
(2)Tropical regions
(3)Equatorial regions
(1)Islands
(2)Archipelagoes
(3)Bahama Islands
(3)Galapagos Islands
(3)Indonesia
(4)Java
(4)Sumatra
(3)Philippines
(2)Arctic Ocean Islands
(3)Baffin Island
(3)Barter Island
(3)Franz Josef Land
(3)Queen Elizabeth Islands

(4)Ellesmere Island
(4)Ward Hunt Island
(2)Atlantic Ocean Islands
(3)Ascension Island
(3)Azores
(3)Bermuda
(3)Block Island
(3)Canary Islands
(3)Falkland Islands
(3)Faroe Islands
(3)Greenland
(3)Iceland
(3)Ireland
(3)United Kingdom
(3)West Indies
(4)Bahama Islands
(4)Cuba
(4)Dominican Republic
(4)Haiti
(4)Jamaica
(4)Lesser Antilles
(5)Barbados
(5)Grenada
(5)Trinidad
(5)Virgin Islands
(4)Puerto Rico
(2)Atolls
(3)Bikini Atoll
(3)Enewetak Atoll
(3)Kwajalein Atoll
(2)Indian Ocean Islands
(3)Diego Garcia
(3)Madagascar
(3)Maldive Islands
(3)Sri Lanka
(3)Zanzibar
(2)Mediterranean Sea Islands
(3)Cyprus
(3)Malta
(3)Sardinia
(3)Sicily
(2)Pacific Ocean Islands
(3)Aleutian Islands
(3)Borneo
(3)Galapagos Islands
(3)Japan
(4)Ryukyu Islands
(5)Okinawa
(3)Johnston Island
(3)Kurile Islands
(3)Melanesia
(4)New Guinea
(3)Micronesia
(4)Guam
(4)Marshall Islands
(5)Bikini Atoll
(5)Enewetak Atoll
(5)Kwajalein Atoll
(3)Philippines
(3)Polynesia
(4)Canton Island
(4)Christmas Island
(4)Hawaii
(5)Midway Island
(5)Pearl Harbor
(4)New Zealand
(4)Wake Island
(3)Santa Barbara Islands
(3)Taiwan
(3)Volcano Islands
(2)Singapore
(1)Lakes
(2)Caspian Sea
(2)Great Lakes
(3)Lake Erie
(3)Lake Huron
(3)Lake Michigan
(3)Lake Ontario
(3)Lake Superior
(1)Latin America
(2)Central America
(3)Belize
(3)Costa Rica
(3)El Salvador
(3)Guatemala
(3)Honduras
(3)Mexico
(4)Baja California
(3)Nicaragua
(3)Panama
(2)South America
(3)Argentina
(3)Bolivia
(3)Brazil
(3)Chile
(3)Colombia
(4)Guajira Peninsula
(3)Ecuador
(3)French Guiana
(3)Guyana
(3)Paraguay
(3)Peru
(3)Surinam
(3)Uruguay
(3)Venezuela
(2)West Indies
(3)Bahama Islands
(3)Cuba
(3)Dominican Republic
(3)Haiti
(3)Jamaica
(3)Lesser Antilles
(4)Barbados
(4)Grenada
(4)Trinidad
(4)Virgin Islands
(3)Puerto Rico
(1)Middle East
(2)Arabia
(3)Bahrain
(3)Kuwait
(3)Saudi Arabia
(3)United Arab Emirates
(3)Yemen
(2)Cyprus
(2)Egypt
(3)Sinai
(2)Iran
(2)Iraq
(2)Israel

(2)Jordan
(2)Lebanon
(2)Libya
(2)Syria
(2)Turkey
(1)North America
(2)Canada
(3)Alberta
(3)British Columbia
(3)Manitoba
(3)New Brunswick
(3)Newfoundland(Province)
(3)Northwest Territories
(4)Queen Elizabeth Islands
(5)Ellesmere Island
(5)Ward Hunt Island
(3)Nova Scotia
(3)Ontario
(3)Quebec
(3)Saskatchewan
(3)Yukon Territory
(2)Central America
(3)Belize
(3)Costa Rica
(3)El Salvador
(3)Guatemala
(3)Honduras
(3)Mexico
(4)Baja California
(3)Nicaragua
(3)Panama
(2)United States
(3)Alabama
(3)Alaska
(4)Aleutian Islands
(4)Barrow(Alaska)
(4)Barter Island
(4)Fairbanks(Alaska)
(3)Arizona
(3)Arkansas
(3)California
(4)Los Angeles(California)
(4)San Diego Bay
(4)San Francisco Bay
(4)Santa Barbara Islands
(3)Colorado
(3)Delaware
(3)District of Columbia
(3)Florida
(4)Everglades
(3)Georgia
(3)Hawaii
(4)Midway Island
(4)Pearl Harbor
(3)Idaho
(3)Illinois
(3)Indiana
(3)Iowa
(3)Kansas
(3)Kentucky
(3)Louisiana
(3)Maryland
(3)Michigan
(3)Minnesota
(3)Mississippi
(3)Missouri
(4)Saint Louis(Missouri)
(3)Montana
(3)Nebraska
(3)Nevada
(3)New England
(4)Connecticut
(4)Maine
(4)Massachusetts
(4)New Hampshire
(4)Rhode Island
(5)Block Island
(5)Narragansett Bay
(4)Vermont
(3)New Jersey
(3)New Mexico
(3)New York
(4)New York(New York)
(3)North Carolina
(4)Cape Hatteras
(3)North Dakota
(4)Grand Forks
(3)Ohio
(3)Oklahoma
(3)Oregon
(3)Pennsylvania
(3)South Carolina
(3)South Dakota
(3)Tennessee
(3)Texas
(3)Utah
(3)Virginia
(3)Washington(State)
(3)West Virginia
(3)Wisconsin
(3)Wyoming
(2)West Indies
(3)Bahama Islands
(3)Cuba
(3)Dominican Republic
(3)Haiti
(3)Jamaica
(3)Lesser Antilles
(4)Barbados
(4)Grenada
(4)Trinidad
(4)Virgin Islands
(3)Puerto Rico
(1)Northern Hemisphere
(1)Oceans
(2)Arctic Ocean
(3)Barents Sea
(3)Beaufort Sea
(3)Chukchi Sea
(3)Kara Sea
(3)White Sea
(2)Atlantic Ocean
(3)North Atlantic Ocean
(4)Baffin Bay
(4)Greenland Sea
(4)Labrador Sea
(4)North Sea
(4)Norwegian Sea
(4)Sargasso Sea
(4)Tongue of the Ocean

(3)South Atlantic Ocean
(2)Baltic Sea
(2)Black Sea
(2)Caribbean Sea
(2)Deep oceans
(2)Indian Ocean
(3)Arabian Sea
(4)Oman Gulf
(4)Persian Gulf
(4)Red Sea
(5)Suez Gulf
(2)Java Sea
(2)Mediterranean Sea
(3)Adriatic Sea
(3)Aegean Sea
(3)Ionian Sea
(3)Ligurian Sea
(3)Tyrrhenian Sea
(2)Ocean environments
(3)Bathyal zones
(3)Benthonic zones
(4)Abyssal zones
(4)Littoral zones
(3)Euphotic zones
(2)Pacific Ocean
(3)North Pacific Ocean
(4)Bering Sea
(4)East China Sea
(5)Yellow Sea
(4)Japan Sea
(4)Okhotsk Sea
(4)Philippine Sea
(4)South China Sea
(5)Tonkin Gulf
(3)South Pacific Ocean
(2)Tasman Sea
(1)Remote areas
(2)Wilderness
(1)Rivers
(2)Alabama River
(2)Amazon River
(2)Arkansas River
(2)Colorado River
(2)Columbia River
(2)Congo River
(2)Connecticut River
(2)Delaware River
(2)Iowa River
(2)Mississippi River
(2)Missouri River
(2)Ohio River
(2)Potomac River
(2)Saint Lawrence Seaway
(2)Tennessee River
(2)Tombigbee River
(2)York River
(1)Rural areas
(2)Villages
(1)Sounds(Waterways)
(2)Block Island Sound
(2)Long Island Sound
(2)Puget Sound
(1)Southern hemisphere
(1)Strategic areas
(1)Subtropical regions
(1)Temperate regions
(1)Underdeveloped areas
(1)Urban areas
(2)Barrow(Alaska)
(2)Berlin
(2)Communities
(3)Inhabitants
(3)Municipalities
(2)Fairbanks(Alaska)
(2)Grand Forks
(2)Los Angeles(California)
(2)New York(New York)
(2)Saint Louis(Missouri)
(1)Wetlands
(2)Muskeg
(2)Swamps

Geometric forms
(1)Blunt bodies
(1)Bodies of revolution
(2)Conical bodies
(3)Frustums
(2)Cylindrical bodies
(3)Stiffened cylinders
(4)Ring stiffened cylinders
(2)Hemispheres
(2)Hemispherical shells
(2)Ogives
(2)Parabolic bodies
(2)Spheres
(3)Microspheres
(1)Curved profiles
(2)Aspherical lenses
(1)Disks
(1)Ellipsoids
(1)Flared afterbodies
(1)Lines(Geometry)
(2)Base lines
(2)Curves(Geometry)
(3)Catenaries
(3)Circles
(3)Curvature
(3)Helixes
(3)Hyperbolas
(3)Parabolas
(1)Prismatic bodies
(1)Pyramids
(1)Rectangular bodies
(1)Rhombus
(1)Rings
(2)Guard rings
(2)O rings
(2)Piston rings
(2)Slip rings
(1)Slender bodies
(2)Fineness ratio
(1)Spikes
(1)Stripes
(1)Toroids
(1)Wedges

Geophysical prospecting
(1)Well logging

Global
(1)International

Gradients
(1)Pressure gradients
(1)Temperature gradients
(2)Isotherms
(2)Thermoclines

Graphics
(1)Computer graphics
(1)Graphic arts
(2)Drafting
(1)Interactive graphics

Graphs
(1)Distribution curves
(1)Histograms
(1)Hodographs

Gravity
(1)Center of gravity
(1)Geopotential
(1)Gravitational fields
(2)Centrifugal fields
(3)Centrifugal force
(1)Gravity(Artificial)
(1)Gravity anomalies
(2)Bouguer gravity anomalies

Grids
(1)Grids(Coordinates)
(2)Latitude
(3)High latitudes
(2)Longitude
(1)Mesh

Grinders
(1)Ball mills
(1)Grinding wheels
(2)Diamond wheels

Ground level
(1)Sea level

Ground support
(1)Close support
(2)Tactical air support

Ground support equipment
(1)Transporter erectors

Growth(General)
(1)Crystal growth
(2)Epitaxial growth
(3)Atomic layer epitaxy
(3)Liquid phase epitaxy
(3)Molecular beam epitaxy
(1)Grain growth
(1)Growth(Physiology)
(2)Dysplasia
(2)Maturation
(2)Morphology(Biology)
(3)Morphogenesis
(2)Osteogenesis
(2)Plant growth
(3)Germination
(3)Plant hormones

Guidance
(1)Celestial guidance
(2)Star trackers
(2)Stellar map matching
(1)Command guidance
(2)Wire guidance
(1)Correlation guidance
(1)Inertial guidance
(2)All inertial guidance
(2)Inertial measurement units
(2)Inertial navigation
(1)Injection guidance
(1)Laser guidance
(1)Magnetic guidance
(1)Midcourse guidance
(1)Preset guidance
(1)Rendezvous guidance
(1)Semiactive guidance
(1)Television guidance
(1)Terminal guidance
(2)Homing
(3)Acoustic homing
(3)Home on jam
(3)Homing devices
(3)Infrared homing
(3)Light homing
(3)Proportional navigation
(3)Radar homing
(3)Radio homing
(3)Terminal homing
(1)Video map matching

Guided missiles
(1)Air to air missiles
(1)Air to space missiles
(1)Air to surface missiles
(2)Standoff missiles
(1)Air to underwater missiles
(1)Antiaircraft missiles
(1)Antiradiation missiles
(1)Antisatellite missiles
(1)Antiship missiles
(1)Antisubmarine missiles
(1)Antitank missiles
(1)Cruise missiles
(1)Fleet ballistic missiles
(1)Guided missile components
(2)Guided missile antennas
(2)Guided missile batteries
(2)Guided missile computers
(2)Guided missile domes
(2)Guided missile fuzes
(2)Guided missile warheads
(3)Kill vehicles
(2)Guided missile windows
(2)Nose cones
(1)Multipurpose missiles
(1)Reconnaissance missiles
(1)Surface to air missiles
(1)Surface to surface missiles
(2)Intercontinental ballistic missiles

(1)Surface to underwater missiles
(1)Underwater to surface missiles
(1)Underwater to underwater missiles

Gun turrets
(1)Tank turrets

Gunnery
(1)Aerial gunnery
(1)Antiaircraft gunnery
(1)Artillery fire
(1)Gunfire
(2)Artillery fire
(1)Line of fire
(1)Marksmanship
(1)Naval gunnery
(1)Salvos

Gyroscopes
(1)Electrically suspended gyros

H

Handling
(1)Cargo handling
(1)Loading(Handling)
(2)Unloading
(1)Materials handling
(2)Propellant transfer
(1)Stacking

Harbors
(1)Docks
(2)Floating docks
(1)Pearl Harbor

Hardening
(1)Age hardening
(1)Case hardening
(1)Damage tolerance
(1)Dispersion hardening
(1)Nitriding
(1)Radiation hardening
(2)Laser hardening
(1)Strain hardening
(1)Sulfidization

Hazards
(1)Fire hazards
(1)Radiation hazards
(2)Laser hazards
(2)Radioactive contamination
(3)Fallout
(2)Radioactive wastes
(2)Reactor hazards
(1)Toxic hazards

Health
(1)Mental health
(1)Oral health
(1)Physical fitness
(1)Public health

Health care facilities
(1)Dispensaries
(1)Hospitals
(2)Casualty centers
(3)Shock trauma centers
(2)Intensive care units
(3)Cardiac care units
(1)Outpatient clinics

Health physics instrumentation
(1)Dosimeters
(2)Luminescent dosimeters
(2)Photographic dosimeters
(1)Radiation alarms
(1)Radiation monitors

Heat
(1)Geothermy
(1)Latent heat
(2)Heat of fusion
(2)Heat of sublimation
(2)Heat of vaporization

Heat transfer
(1)Conduction(Heat transfer)
(1)Convection(Heat transfer)
(1)Heat pipes
(1)Heat pumps
(1)Heat transmission
(1)Thermal conductivity

Heat treatment
(1)Annealing
(1)Carburizing
(1)Case hardening
(1)Firing(Ceramics)
(1)Nitriding
(1)Solution heat treatment
(1)Stress relieving
(1)Tempering

Heaters
(1)Air heaters
(2)Space heaters
(3)Aircraft heaters
(3)Radiant heating panels
(3)Vehicle heaters
(1)Aircraft engine heaters
(1)Arc heaters
(1)Boilers
(1)Electric heaters
(1)Furnaces
(2)Blast furnaces
(2)Crystal ovens
(2)Electric furnaces
(3)Vacuum furnaces
(2)Incinerators
(2)Laboratory furnaces
(2)Sintering furnaces
(2)Solar furnaces
(1)Heating elements
(1)Heating plants
(1)Ovens

(2)Microwave ovens
(1)Radiant heating panels
(1)Space heaters
(2)Aircraft heaters
(2)Radiant heating panels
(2)Vehicle heaters
(1)Superheaters
(1)Vehicle heaters

Heating
(1)Aerodynamic heating
(1)Arc heating
(1)Gas heating
(1)Induction heating
(1)Radiant heating
(1)Solar heating
(1)Superheating

Heaving
(1)Atmospheric heave
(1)Frost heave

Holders
(1)Cable grips
(1)Electrode holders
(1)Harnesses

Holography
(1)Acoustic holography
(1)Holograms

Hoses
(1)Fuel hoses

Hubs
(1)Propeller hubs
(1)Wheel hubs

Hulls(Structures)
(1)Flying boat hulls
(1)Hulls(Marine)
(2)Ship hulls
(3)Bilges
(3)Ship bows
(3)Ship sterns
(2)Submarine hulls
(3)Submarine sails
(1)Pressure hulls

Humanities
(1)Ethics
(1)Linguistics
(2)Computational linguistics
(3)Machine translation
(2)Grammars
(3)Context free grammars
(3)Context sensitive grammars
(3)Parsers
(3)Phrase structure grammars
(3)Semantics
(4)Analogies
(4)Morphemes
(3)Syntax
(3)Transformational grammars
(2)Language
(3)English language
(3)Foreign languages
(4)Arabic language
(4)Bulgarian language
(4)Chinese language
(4)Czech language
(4)Dutch language
(4)French language
(4)German language
(4)Hungarian language
(4)Italian language
(4)Japanese language
(4)Norwegian language
(4)Polish language
(4)Russian language
(4)Serbocroatian language
(4)Spanish language
(4)Swedish language
(4)Vietnamese language
(3)Natural language
(3)Programming languages
(4)Assembly languages
(4)High level languages
(5)ADA programming language
(5)C programming language
(5)Fortran
(5)Java programming language
(5)Pascal programming language
(4)Simulation languages
(3)Vocabulary
(4)Index terms
(3)Words(Language)
(4)Syllables
(2)Psycholinguistics
(2)Speech
(3)Intelligibility
(4)Speech recognition
(3)Speech analysis
(4)Dialects
(4)Voiceprints
(3)Speech articulation
(4)Phonemes
(5)Vowels
(4)Phonetics
(3)Speech compression
(3)Speech representation
(3)Speech scrambling
(3)Speech therapy
(3)Speech transmission
(2)Syntax
(1)Philosophy
(1)Religion
(2)Islam
(2)Zionism

Hybrid systems
(1)Hybrid computers
(1)Hybrid marine vehicles
(1)Hybrid rocket engines

Hydraulic equipment
(1)Bleed systems
(1)Hydraulic accumulators
(1)Hydraulic actuators
(1)Hydraulic brakes

(1)Hydraulic cylinders
(1)Hydraulic gates
(2)Locks(Waterways)
(1)Hydraulic jacks
(1)Hydraulic presses
(1)Hydraulic servomechanisms
(1)Hydraulic valves
(2)Electrohydraulic valves

Hydraulic jets
(1)Liquid jets
(2)Water jets

Hydrazides
(1)Isoniazid

Hydrodynamic configurations
(1)Floating bodies
(2)Floating bases
(2)Floating platforms
(2)Waterborne
(1)Hydraulic models
(1)Marine rudders
(1)Planing surfaces
(2)Hydrofoils
(3)Hydroskis

Hygiene
(1)Baths
(1)Disinfection
(1)Industrial hygiene
(1)Military hygiene
(1)Oral hygiene
(1)Sanitation
(2)Waste management
(3)Compactors
(3)Composts
(3)Waste collection
(3)Waste disposal
(4)Garbage disposal
(4)Landfills
(4)Ocean waste disposal
(4)Sewage disposal
(3)Waste recycling
(3)Waste treatment
(4)Activated sludge process
(4)Sewage treatment
(5)Shipboard sewage treatment systems
(4)Soil remediation
(4)Supercritical water oxidation
(1)Shower facilities

Hygroscopicity
(1)Wetting

Hypersonic vehicles
(1)Hypersonic aircraft
(1)Hypersonic test vehicles

I

Ice
(1)Glaciers
(1)Ice caps
(2)Polar cap
(1)Land ice
(1)Sea ice
(2)Ice islands
(2)Icebergs
(2)Pack ice
(1)Underice

Identification
(1)Fingerprints
(1)Identification systems
(2)IFF systems
(2)Picture badges
(1)Recognition
(2)Fingerprint recognition
(2)Intelligibility
(3)Speech recognition
(2)Pattern recognition
(3)Character recognition
(4)Optical character recognition
(2)Target recognition
(2)Word recognition

Ignition systems
(1)Igniters
(2)Caps(Explosives)
(2)Electric igniters
(3)Exploding wires
(2)Explosives initiators
(3)Detonators
(4)Electric detonators
(3)Primers
(4)Electric primers
(2)Fuse lighters
(2)Pyrogen igniters
(2)Rocket igniters
(1)Ignition circuits
(1)Spark plugs

Image projectors
(1)Photographic projectors
(2)Motion picture projectors
(3)Sound motion picture projectors
(2)Stereoscopic projectors
(2)Still projectors
(1)Tachistoscopes

Images
(1)Acoustic images
(2)Sonar images
(2)Sonograms
(1)Composite images
(1)Field ion images
(1)Optical images
(2)Infrared images
(2)Interferograms
(1)Photographic images
(2)Photographic fog
(2)Photographic negatives
(2)Photographic scale
(2)Photographic texture
(2)Photographic tone

(2)Photographs
(3)Aerial photographs
(3)Ground photographs
(3)Panoramic photographs
(2)Photointerpretability
(1)Pictures
(1)Pixels
(1)Radar images
(1)Thermal images

Imides
(1)Succinimides

Immersion
(1)Liquid immersion tests

Impact
(1)Hypervelocity impact
(1)Impact loads
(2)Impact shock
(3)Landing impact
(4)Cratering

Impedance
(1)Acoustic impedance
(1)Admittance
(2)Electrical conductivity
(3)Photoconductivity
(3)Superconductivity
(1)Electrical impedance
(2)Capacitance
(2)Electrical resistance
(3)Magnetoresistance
(2)Inductance
(2)Reactance
(1)Magnetoimpedance
(1)Mechanical impedance
(2)Dashpots

Impingement
(1)Water impingement

Implantation
(1)Ion implantation
(1)Surgical implantation

Impurities
(1)Isotope impurities

Inactivation
(1)Biological inactivation

Indicators
(1)Angle of attack indicators
(1)Depth indicators
(2)Draft indicators(Nautical)
(1)Firing error indicators
(1)Indicating instruments
(2)Flight speed indicators
(3)Airspeed indicators
(4)Stall warning indicators
(3)Ground speed indicators
(3)Machmeters
(3)Rate of climb indicators
(3)Rate of descent indicators

Industrial plants
(1)Distilling plants
(1)Foundries
(1)Pilot plants
(1)Pulp mills
(1)Refineries
(1)Rolling mills

Industrial relations
(1)Employee relations
(1)Labor unions

Industries
(1)Aerospace industry
(2)Aircraft industry
(1)Automotive industry
(1)Chemical industry
(2)Petroleum industry
(3)Oil wells
(2)Plastics industry
(1)Defense industry
(2)Munitions industry
(1)Electrical industry
(1)Electronics industry
(1)Iron industry
(2)Steel industry
(1)Machine tool industry
(1)Munitions industry
(1)Optics industry
(1)Paper industry
(1)Plastics industry
(1)Textile industry
(2)Weaving

Inertial systems
(1)Inertial guidance
(2)All inertial guidance
(2)Inertial measurement units
(2)Inertial navigation

Information centers
(1)Archives
(1)Combat information centers
(1)Libraries
(1)Technical information centers

Information systems
(1)Biomedical information systems
(1)Chemical information systems
(1)Geographical information systems
(1)Management information systems
(2)Decision support systems
(1)Tactical data systems
(2)Naval tactical data system

Infrastructure
(1)Public utilities

Infusions
(1)Parenteral infusions

Inhibition
(1)Corrosion inhibition
(2)Cathodic protection
(2)Passivation(Metallurgy)

(1)Quenching(Inhibition)

Inhibitors
(1)Antifogging agents
(1)Enzyme inhibitors
(2)Cholinesterase inhibitors
(3)Pyridostigmine bromide
(2)Serine
(1)Flame inhibitors
(1)Foaming inhibitors

Injection
(1)Fuel injection
(1)Injections(Medicine)
(2)Hypodermic injections
(2)Intramuscular injections
(1)Secondary injection
(1)Water injection

Input
(1)Throughput

Inspection
(1)Reactor inspection
(1)Visual inspection

Instability
(1)Parametric instability
(1)Rayleigh Taylor instability
(1)Thermal instability

Instructional materials
(1)Instruction manuals
(2)User manuals

Insulation
(1)Acoustic insulation
(1)Electrical insulation
(1)Thermal insulation

Insurgency
(1)Political revolution

Integrators
(1)Integrators(Computers)
(1)Pulse integrators

Intelligence
(1)Acoustic intelligence
(1)Counterintelligence
(1)Electronic intelligence
(2)Radar intelligence
(1)Intelligence(Humans)
(1)Military intelligence
(2)Air intelligence
(2)Army intelligence
(2)Communications intelligence
(2)Espionage
(2)Naval intelligence
(2)Strategic intelligence
(2)Tactical intelligence
(3)Terrain intelligence
(1)Photographic intelligence

Intensity
(1)Amplitude
(1)Field intensity
(1)High intensity
(1)Loudness
(1)Low intensity
(1)Medium intensity
(1)Rainfall intensity

Interactions
(1)Air water interactions
(1)Collisions
(2)Bird strikes
(2)Particle collisions
(1)Coupling(Interaction)
(2)Synergism
(1)Decoupling(Interaction)
(1)Electron electron interactions
(1)Gas surface interactions
(1)Ion ion interactions
(1)Ion molecule interactions
(1)Laser target interactions
(2)Laser induced fluorescence
(1)Molecule molecule interactions
(2)Van der Waals forces
(1)Soil structure interactions
(2)Soil settlement

Interception
(1)Aircraft interception
(2)Aircraft intercept control systems
(1)Ground controlled interception
(1)Radar interception
(1)Radio interception
(1)Sonar interception

Interceptors
(1)Interceptor spacecraft

Interfaces
(1)Man computer interface
(2)Graphical user interface
(3)Internet browsers

Interference
(1)Crosstalk
(1)Electromagnetic interference
(2)Blackout(Propagation)
(2)Infrared jamming
(2)Radiofrequency interference
(3)Radar interference
(4)Radar clutter
(5)Ground clutter
(3)Radio interference
(2)Shot noise
(1)Intersymbol interference

Interferometry
(1)Moire effects
(1)Radio interferometry
(2)Microwave interferometry
(1)Speckle interferometry
(1)Strehl ratio

Inventory
(1)Inventory analysis
(1)Inventory control
(2)Obsolescence theory
(2)Replacement theory
(3)Just in time inventory
(1)Stockpiles

Inversion
(1)Temperature inversion

Inverters
(1)Rotary inverters

J

Jettisonable equipment
(1)Jettisonable cockpits

Jobs
(1)Watch(Duty)

Joining
(1)Attachment
(2)Mooring
(2)Tethering
(1)Bonding
(2)Adhesive bonding
(2)Case bonding
(2)Diffusion bonding
(2)Roll bonding
(1)Interlacing
(1)Thermal joining
(2)Brazing
(2)Soldering
(2)Welding
(3)Butt welding
(3)Electric welding
(4)Arc welding
(5)Gas metal arc welding
(6)Gas tungsten arc welding
(5)Inert gas welding
(6)Gas tungsten arc welding
(5)Plasma arc welding
(5)Submerged arc welding
(4)Resistance welding
(5)Electroslag welding
(4)Spot welding
(3)Fusion welding
(4)Arc welding
(5)Gas metal arc welding
(6)Gas tungsten arc welding
(5)Inert gas welding
(6)Gas tungsten arc welding
(5)Plasma arc welding
(5)Submerged arc welding
(4)Electron beam welding
(4)Laser welding
(4)Resistance welding
(5)Electroslag welding
(3)Pressure welding
(4)Cold welding
(4)Electroslag welding
(4)Explosive welding
(4)Friction welding
(4)Ultrasonic welding
(3)Seam welding
(3)Stud welding
(3)Weldability

Joints
(1)Ball joints
(1)Bolted joints
(1)Bonded joints
(1)Brazed joints
(1)Expansion joints
(1)Hingeless
(1)Hinges
(1)Metal joints
(1)Pivots
(2)Pintles
(1)Riveted joints
(1)Soldered joints
(1)Splices
(1)Toggle joints
(1)Universal joints
(1)Welded joints

Junctions
(1)Semiconductor junctions
(2)Heterojunctions
(2)Josephson junctions

K

Kitchen equipment and supplies
(1)Cooking devices
(2)Ovens
(3)Microwave ovens
(2)Stoves
(2)Toasters
(1)Dough machines(Food processing)
(1)Knives
(2)Bayonets
(1)Washers(Cleaners)

Kits
(1)Decontamination kits
(1)Modification kits
(1)Survival kits
(1)Tool kits
(1)Winterization kits

L

Labor
(1)Unskilled personnel

Laboratory equipment
(1)Centrifuges
(2)Ultracentrifuges
(1)Chemical reactors
(1)Chromatographs
(1)Instrumentation
(2)Astronomical instruments
(3)Pyranometers
(2)Bioinstrumentation
(2)Heliostats
(2)Instrument dials
(2)Measuring instruments
(3)Accelerometers
(3)Altimeters
(4)Radio altimeters
(3)Ammeters
(3)Anemometers
(4)Hot wire anemometers
(4)Laser anemometers
(3)Balances
(4)Microbalances
(3)Bhangmeters
(3)Bolometers
(3)Calorimeters
(3)Clocks
(4)Atomic clocks
(4)Chronometers
(5)Radio doppler chronographs
(5)Time interval counters
(3)Colorimeters
(3)Comparators
(4)Nephelometers
(3)Coulometers
(3)Densimeters
(3)Densitometers
(3)Depth finders
(3)Diffractometers
(3)Dilatometers
(3)Distance measuring equipment
(4)Odometers
(3)Driftmeters
(3)Dynamometers
(3)Electric bridges
(4)Impedance bridges
(5)Capacitance bridges
(4)Microwave bridges
(3)Electrometers
(3)Electroscopes
(3)Ellipsometers
(3)Emissometers
(3)Ergometers
(3)Extensometers
(3)Flight instruments
(4)Approach indicators
(4)Attitude indicators
(5)Horizon scanners
(5)Horizontal indicators
(5)Yawmeters
(4)Course indicators
(5)Driftmeters
(4)Flight speed indicators
(5)Airspeed indicators
(6)Stall warning indicators
(5)Ground speed indicators
(5)Machmeters
(5)Rate of climb indicators
(5)Rate of descent indicators
(4)Ground position indicators
(4)Radio altimeters
(4)Vertical speed indicators
(3)Flowmeters
(4)Gas meters
(4)Rheometers
(3)Fluxmeters
(4)Magnetometers
(5)Gradiometers
(4)Permeameters
(3)French curve
(3)Frequency meters
(3)Gages
(4)Fuel gages
(4)Liquid level gages
(4)Pressure gages
(5)Barometers
(5)Crusher gages
(5)Ionization gages
(5)Knudsen gages
(5)Manometers
(5)Piezoelectric gages
(5)Piezometers
(5)Pitot tubes
(4)Rain gages
(4)Strain gages
(3)Galvanometers
(3)Goniometers
(3)Gradiometers
(3)Gravimeters
(3)Gyro sextants
(3)Hygrometers
(4)Psychrometers
(3)Inertial measurement units
(3)Interferometers
(4)Optical interferometers
(5)Fabry Perot interferometers
(5)Michelson interferometers
(4)Radio interferometers
(3)Ionosondes
(4)Ionograms
(3)Levels(Instruments)
(3)Load cells
(3)Lysimeters
(3)Meteorological instruments
(4)Barometers
(4)Cloud height indicators
(4)Hygristors
(4)Hygrometers
(5)Psychrometers
(4)Hypsometers
(4)Ice formation indicators
(4)Meteorological radar
(4)Rain gages
(4)Vertical gust recorders
(4)Wind direction indicators
(4)Yawsondes
(3)Micrometers
(3)Monochromators
(3)Multimeters
(3)Oculometers
(3)Ohmmeters
(3)Oscillographs

(3)Oximeters
(3)Penetrometers
(3)Ph meters
(3)Phase meters
(3)Photometers
(4)Exposure meters
(4)Fluorometers
(4)Hydrophotometers
(4)Microphotometers
(3)Polarimeters
(4)Polarimetry
(3)Postage meters
(3)Potentiometers
(3)Power meters
(4)Wattmeters
(3)Probes
(4)Electromagnetic probes
(4)Electron probes
(4)Langmuir probes
(4)Microprobes
(3)Pulse counters
(3)Pyrheliometers
(3)Pyrometers
(4)Optical pyrometers
(4)Photoelectric pyrometers
(4)Radiation pyrometers
(4)Thermocouple pyrometers
(3)Q meters
(3)Radiation measuring instruments
(4)Alpha counters
(4)Alpha particle detectors
(4)Beta counters
(4)Cosmic ray telescopes
(4)Count rate meters
(4)Crystal counters
(4)Dosimeters
(5)Luminescent dosimeters
(5)Photographic dosimeters
(4)Gamma counters
(4)Geiger counters
(4)Ionization chambers
(5)Bubble chambers
(5)Cloud chambers
(5)Spark chambers
(4)Neutron detectors
(5)Neutron counters
(4)Nuclear radiation spectrometers
(5)Gamma spectrometers
(5)Neutron spectrometers
(4)Proportional counters
(4)Proton counters
(4)Radiometers
(5)Spectroradiometers
(4)Scintillation counters
(4)Spectrophotometers
(5)Infrared spectrophotometers
(5)Ultraviolet spectrophotometers
(4)Time to pulse height converters
(3)Radiosondes
(4)Dropsondes
(3)Reflectometers
(3)Refractometers
(3)Riometers
(3)Rodmeters
(3)Salinometers
(3)Scatterometers
(3)Seismometers
(4)Geophones
(4)Seismographs
(3)Sensitometers
(3)Sextants
(4)Periscopic sextants
(3)Spectrographs
(3)Spectrometers
(4)Fourier spectrometers
(4)Infrared spectrometers
(4)Mass spectrometers
(4)Nuclear radiation spectrometers
(5)Gamma spectrometers
(5)Neutron spectrometers
(4)Ultraviolet spectrometers
(3)Tachometers
(3)Temperature measuring instruments
(4)Radiation pyrometers
(4)Thermometers
(5)Resistance thermometers
(5)Vortex thermometers
(3)Tensiometers
(3)Theodolites
(4)Gyrotheodolites
(4)Phototheodolites
(3)Thrust meters
(3)Tiltmeters
(3)Torsion meters
(3)Transmissometers
(3)Turbidimeters
(3)Velocimeters
(4)Laser velocimeters
(4)Logs(Velocity meters)
(3)Vibrometers
(3)Viscometers
(3)Voltmeters
(3)Wavemeters
(3)Yawmeters
(2)Nuclear instrumentation
(1)Olfactometers
(1)Pipettes

Landing
(1)Aircraft landings
(2)Carrier landings
(2)Crash landings
(3)Ditching
(2)Flareout
(2)Instrument landings
(2)Night landings
(1)Lunar landings
(1)Soft landings
(1)Vertical landings

Landing aids
(1)Arresting gear
(1)Microwave landing systems
(1)Radar landing control
(2)Airport radar systems
(2)Carrier controlled approach radar
(2)Ground controlled approach radar

Language translation
(1)Machine translation

Launch vehicles
(1)Winged launch vehicles

Launchers
(1)Catapults
(1)Grenade launchers
(2)Rifle grenade launchers
(1)Guided missile launchers
(2)Guided missile silos
(1)Gun launchers
(1)Launch tubes
(1)Rocket launchers
(2)Bazookas
(1)Torpedo launchers

Launching
(1)Air launched
(1)Gun launched
(1)Multilaunching
(1)Rocket launching
(1)Sea launched
(1)Ship launched
(2)Submarine launched
(1)Space launched
(1)Surface launched
(1)Tube launched

Layers
(1)Boundary layer
(2)Boundary layer transition
(2)Laminar boundary layer
(2)Thermal boundary layer
(2)Turbulent boundary layer
(1)Stratification

Leasing
(1)Rental equipment

Legislation
(1)Administrative law
(1)Commercial law
(1)Environmental law
(1)Federal law
(1)Infringement
(1)Military law
(1)Regulations
(1)State law

Lenses
(1)Acoustic lenses
(1)Aspherical lenses
(1)Electron lenses
(1)Fresnel lenses
(1)Ice lenses
(1)Liquid lenses
(1)Luneberg lenses
(1)Optical lenses
(2)Camera lenses
(3)Afocal optical lenses
(3)Aspherical lenses
(3)Folded optical lenses
(4)Cassegrainian optical systems
(5)Cassegrain telescopes
(3)Telephoto lenses
(4)Zoom lenses
(2)Contact lenses
(2)Eyeglasses
(2)Folded optical lenses
(3)Cassegrainian optical systems
(4)Cassegrain telescopes
(2)Fresnel lenses
(2)Telescope lenses
(1)Plastic lenses
(1)Radiofrequency lenses

Level(Quantity)
(1)Low level
(2)Low light levels
(3)Moonlight
(3)Starlight
(4)Zodiacal light
(5)Gegenschein
(3)Twilight
(1)Power levels

Life sciences
(1)Biology
(2)Aerobiology
(2)Anatomy
(3)Abdomen
(3)Body fluids
(4)Bile
(4)Blood
(5)Blood gases
(5)Blood plasma
(6)Blood serum
(7)Antilymphocyte serum
(7)Complement(Biology)
(5)Blood proteins
(6)Fibrin
(6)Fibrinogen
(6)Globulins
(7)Immunoglobulins
(7)Muscle proteins
(7)Myoglobulin
(7)Myosin
(7)Ricin
(7)Serum globulin
(8)Alpha globulin
(8)Gamma globulin
(6)Hemoglobin
(7)Methemoglobin
(6)Interferon
(6)Properdin
(6)Serum albumin
(6)Thrombin
(7)Prothrombin
(6)Thromboplastin
(4)Cerebrospinal fluid
(4)Gastric juice
(4)Lymph
(4)Mucus
(5)Mucin
(4)Perspiration
(4)Saliva
(4)Tissue fluids
(4)Urine

(5)Creatinine
(3)Cardiovascular system
(4)Anastomosis
(4)Blood
(5)Blood gases
(5)Blood plasma
(6)Blood serum
(7)Antilymphocyte serum
(7)Complement(Biology)
(5)Blood proteins
(6)Fibrin
(6)Fibrinogen
(6)Globulins
(7)Immunoglobulins
(7)Muscle proteins
(7)Myoglobulin
(7)Myosin
(7)Ricin
(7)Serum globulin
(8)Alpha globulin
(8)Gamma globulin
(6)Hemoglobin
(7)Methemoglobin
(6)Interferon
(6)Properdin
(6)Serum albumin
(6)Thrombin
(7)Prothrombin
(6)Thromboplastin
(4)Blood vessels
(5)Arteries
(6)Aorta
(6)Axillary arteries
(6)Carotid arteries
(6)Coronary arteries
(6)Femoral arteries
(6)Pulmonary arteries
(5)Capillaries(Anatomy)
(5)Vasoconstricting
(5)Vasodilation
(5)Veins
(6)Jugular vein
(6)Pulmonary veins
(6)Vena cava
(4)Heart
(5)Endocardium
(5)Heart valves
(5)Myocardium
(5)Pericardium
(5)Ventricles
(4)Hematopoietic system
(5)Bone marrow
(6)Erythropoiesis
(5)Hematopoietic cells
(5)Reticuloendothelial system
(6)Macrophages
(5)Spleen
(4)Lymphatic system
(5)Lymph nodes
(3)Cerebrovascular system
(3)Digestive system
(4)Esophagus
(4)Gastrointestinal system
(5)Biliary system
(6)Bile ducts
(6)Gallbladder
(5)Intestines
(6)Cecum
(6)Colon
(6)Rectum
(6)Small intestine
(7)Duodenum
(7)Ileum
(7)Jejunum
(5)Liver
(5)Pancreas
(5)Stomach
(4)Mouth
(5)Dental ridge
(5)Gingivae
(5)Salivary glands
(6)Parotid glands
(5)Teeth
(6)Dental enamel
(6)Dental plaque
(6)Dental pulp
(6)Dentin
(6)Root canal
(5)Tongue
(5)Tonsils
(4)Throat
(5)Larynx
(3)Extremities
(4)Arms(Anatomy)
(5)Wrist
(4)Feet
(4)Hands
(5)Fingers
(6)Fingernails
(4)Legs
(5)Knee(Anatomy)
(3)Fistulas
(3)Head(Anatomy)
(4)Ear
(5)Cochlea
(5)Middle ear
(5)Organ of corti
(5)Semicircular canals
(5)Stria vascularis
(5)Vestibular apparatus
(4)Face(Anatomy)
(5)Bucca
(5)Mouth
(6)Dental ridge
(6)Gingivae
(6)Salivary glands
(7)Parotid glands
(6)Teeth
(7)Dental enamel
(7)Dental plaque
(7)Dental pulp
(7)Dentin
(7)Root canal
(6)Tongue
(6)Tonsils
(5)Nose(Anatomy)
(4)Mandible
(4)Maxilla
(4)Skull
(3)Hip

(4)Buttocks
(3)Human body
(3)Integumentary system
(4)Hair
(4)Nails(Tissues)
(5)Fingernails
(4)Skin(Anatomy)
(5)Epidermis
(5)Epithelium
(5)Skin grafts
(4)Subcutaneous tissue
(4)Sweat glands
(3)Musculoskeletal system
(4)Cartilage
(4)Joints(Anatomy)
(5)Hip
(6)Buttocks
(5)Knee(Anatomy)
(5)Neck(Anatomy)
(5)Shoulders(Anatomy)
(5)Wrist
(4)Ligaments
(4)Muscles
(5)Ataxia
(5)Biceps
(5)Intercostal muscles
(5)Muscle fibers
(5)Myocardium
(4)Pelvis
(4)Skeleton
(5)Bones
(6)Alveolar bone
(6)Bone marrow
(7)Erythropoiesis
(6)Fibula
(6)Humerus
(6)Mandible
(6)Maxilla
(6)Panosteitis
(6)Phalanges
(6)Ribs
(6)Skull
(6)Tibia
(5)Exoskeleton
(5)Spinal column
(5)Teeth
(6)Dental enamel
(6)Dental plaque
(6)Dental pulp
(6)Dentin
(6)Root canal
(4)Tendons
(3)Neck(Anatomy)
(3)Nervous system
(4)Autonomic nervous system
(5)Cholinergic nerves
(5)Sympathetic nervous system
(4)Central nervous system
(5)Ataxia
(5)Brain
(6)Cerebellum
(6)Cerebrum
(7)Cerebral cortex
(8)Visual cortex
(6)Choroid plexus
(6)Dura mater
(6)Hypothalamus
(6)Thalamus
(5)Hippocampus
(5)Spinal cord
(4)Ganglia
(4)Nerves
(5)Cochlear nerve
(5)Nerve cells
(6)Astrocytes
(6)Axons
(6)Motor neurons
(6)Neuroblasts
(6)Receptor sites(Physiology)
(5)Nerve fibers
(6)Axon plasma
(5)Nerve transmission
(5)Neural nets
(5)Phrenic nerves
(5)Sciatic nerve
(5)Sympathetic nervous system
(4)Peripheral nervous system
(5)Cranial nerves
(6)Auditory nerve
(6)Oculomotor nerve
(6)Olfactory nerve
(6)Optic nerve
(5)Sciatic nerve
(5)Ulnar nerve
(3)Organs(Anatomy)
(4)Bladder(Urinary)
(4)Glands
(5)Endocrine glands
(6)Adrenal glands
(7)Adrenal cortex
(6)Parathyroid glands
(6)Pituitary gland
(6)Thymus
(6)Thyroid gland
(5)Lacrimal glands
(5)Mammary glands
(5)Pancreas
(5)Pineal gland
(5)Salivary glands
(6)Parotid glands
(5)Sex glands
(6)Ovaries
(7)Vitelline glands
(6)Prostate gland
(6)Testes
(5)Sweat glands
(4)Heart
(5)Endocardium
(5)Heart valves
(5)Myocardium
(5)Pericardium
(5)Ventricles
(4)Kidneys
(5)Glomeruli
(4)Liver
(4)Lung
(5)Alveoli
(4)Sense organs
(5)Ear
(6)Cochlea

(6)Middle ear
(6)Organ of corti
(6)Semicircular canals
(6)Stria vascularis
(6)Vestibular apparatus
(5)End organs
(6)Chemoreceptors
(6)Photoreceptors
(7)Retina
(8)Fovea
(5)Eye
(6)Cornea
(6)Eye movements
(7)Rapid eye movement in sleep
(6)Eye pigments
(7)Iris
(6)Fovea
(6)Lens(Eye)
(6)Retina
(7)Fovea
(5)Tongue
(4)Stomach
(4)Swim bladders
(3)Reproductive system
(4)Scrotum
(4)Sex glands
(5)Ovaries
(6)Vitelline glands
(5)Prostate gland
(5)Testes
(4)Uterus
(3)Respiratory system
(4)Bronchi
(4)Diaphragms(Anatomy)
(4)Lung
(5)Alveoli
(4)Nose(Anatomy)
(4)Paranasal sinuses
(4)Throat
(5)Larynx
(4)Trachea
(3)Sheaths(Anatomy)
(3)Shoulders(Anatomy)
(3)Thorax
(3)Urinary system
(4)Bladder(Urinary)
(4)Diuresis
(4)Kidneys
(5)Glomeruli
(4)Urethritis
(2)Aquatic biology
(3)Marine biology
(2)Biophysics
(3)Biodynamics
(3)Biosonar
(3)Health physics
(2)Botany
(3)Palynology
(4)Pollen
(3)Plants(Botany)
(4)Alfalfa
(4)Algae
(5)Chlorella
(5)Diatoms
(5)Dinoflagellata
(6)Pfiesteria
(5)Kelp
(5)Lichens
(5)Microcystis
(4)Aquatic plants
(5)Aquatic weeds
(6)Alligator weed
(6)Water hyacinth
(5)Kelp
(4)Cannabis
(4)Farm crops
(5)Banana plants
(5)Barley
(5)Bean plants
(5)Corn
(5)Cotton
(5)Sorghum
(5)Soybeans
(5)Wheat
(4)Fungi
(5)Ascomycetes
(6)Coccidioides
(7)Coccidioides immitis
(6)Saccharomycetes
(6)Yeasts
(5)Basidiomycetes
(6)Rusts(Fungi)
(7)Puccinia(Rusts)
(6)Smuts(Fungi)
(5)Deuteromycetes(Imperfect fungi)
(6)Blastomyces
(6)Candida
(6)Cryptococcus
(6)Fusarium
(6)Helminthosporium
(6)Histoplasma
(6)Piricularia
(5)Discomycetes
(6)Sclerotinia
(5)Lichens
(5)Oomycetes
(6)Phytophthora
(5)Plectomycetes
(6)Molds(Organisms)
(6)Penicillium(Penicillins)
(5)Pyrenomycetes
(6)Neurospora
(5)Thermophilic fungus
(4)Grasses
(4)Manioc plants
(4)Orchards
(4)Plant growth
(5)Germination
(5)Plant hormones
(4)Plant pathology
(4)Plant tissue
(5)Chloroplasts
(5)Plant roots
(4)Poppy plants
(4)Shrubs
(4)Trees
(5)Cacao
(6)Chocolate
(4)Vegetation
(5)Foliage

(6)Tree canopy
(5)Forests
(5)Jungles
(4)Weeds
(5)Aquatic weeds
(6)Alligator weed
(6)Water hyacinth
(2)Chronobiology
(3)Biological rhythms
(4)Circadian rhythms
(4)Jet lag
(2)Cryobiology
(2)Cultures(Biology)
(3)Tissue culture
(4)Embryonated egg technique
(2)Cytology
(3)Cell division
(4)Meiosis
(4)Mitosis
(4)Schizogony
(5)Merozoites
(4)Synapsis
(3)Cell structure
(4)Cell wall
(4)Cytoplasm
(5)Granules
(5)Kinetoplast
(5)Microsomes
(5)Mitochondria
(5)Protoplasm
(5)Ribosomes
(4)Nuclei(Biology)
(5)Chromatin
(6)Chromosomes
(7)Genes
(3)Cells(Biology)
(4)Diploid cells
(4)Fat cells
(4)Fibroblasts
(4)Germ cells
(4)Hybridomas
(4)Mast cells
(4)Nerve cells
(5)Astrocytes
(5)Axons
(5)Motor neurons
(5)Neuroblasts
(5)Receptor sites(Physiology)
(4)Phagocytes
(5)Macrophages
(4)Pneumocytes
(4)Stem cells
(4)Thymocytes
(4)Tissue culture cells
(2)Embryology
(2)Genetics
(3)Genetic mapping
(3)Genetic tissue identification
(4)Blood banks
(4)Tissue banks
(3)Genome
(3)Mutations
(3)Plasmids
(2)Hematology
(3)Blood
(4)Blood gases
(4)Blood plasma
(5)Blood serum
(6)Antilymphocyte serum
(6)Complement(Biology)
(4)Blood proteins
(5)Fibrin
(5)Fibrinogen
(5)Globulins
(6)Immunoglobulins
(6)Muscle proteins
(6)Myoglobulin
(6)Myosin
(6)Ricin
(6)Serum globulin
(7)Alpha globulin
(7)Gamma globulin
(5)Hemoglobin
(6)Methemoglobin
(5)Interferon
(5)Properdin
(5)Serum albumin
(5)Thrombin
(6)Prothrombin
(5)Thromboplastin
(3)Blood analysis
(4)Blood counts
(4)Blood groups
(4)Blood volume
(4)Hematocrit
(4)Hemograms
(3)Blood banks
(3)Blood cells
(4)Blood platelets
(4)Erythrocytes
(5)Erythropoiesis
(5)Sickle cells
(4)Hematopoietic cells
(4)Leukocytes
(5)Eosinophils
(5)Granulocytes
(6)Polymorphonuclear granulocytes
(6)Polymorphonuclear leukocytes
(7)Basophils
(7)Polymorphonuclear neutrophils
(5)Lymphocytes
(6)B lymphocytes
(6)T lymphocytes
(5)Monocytes
(3)Blood chemistry
(4)Blood coagulation
(4)Fibrinolysis
(4)Hemolysis
(4)Hypercalcemia
(4)Hypocapnia
(3)Hematopoiesis
(2)Histology
(3)Histological techniques
(3)Histopathology
(2)Microbiology
(3)Bacteriology
(3)Virology
(2)Molecular biology
(3)Transcription(Genetics)
(2)Mycology

(2)Neurobiology
(2)Parasitology
(3)Hosts(Biology)
(3)Parasites
(4)Ectoparasites
(4)Intestinal parasites
(4)Nematoda
(5)Ancylostoma
(5)Ascaris
(5)Enterobius
(5)Filariae
(5)Meloidogyne
(5)Syphacia
(5)Trichinella
(5)Trichuris
(5)Wuchereria
(4)Schistosoma
(5)Schistosoma japonicum
(5)Schistosoma mansoni
(2)Radiobiology
(3)Laser radiobiology
(2)Space biology
(2)Taxonomy
(2)Zoology
(3)Entomology
(3)Zoogeography
(1)Life(Biology)
(2)Death
(3)Mortality rate
(1)Medicine
(2)Aerospace medicine
(2)Anesthesia
(3)Electroanesthesia
(2)Aviation medicine
(2)Biomedicine
(2)Clinical medicine
(3)Dermatology
(3)Diagnosis(Medicine)
(4)Acupuncture
(4)Amniocentesis
(4)Biopsy
(4)Immunoassay
(5)Radioimmunoassay
(4)Laser medical diagnosis
(4)Liver function tests
(4)Lung function tests
(5)Spirometry
(4)Magnetic resonance imaging
(4)Positron emission tomography
(4)Serodiagnosis
(4)Signs and symptoms
(5)Bacteremia
(5)Diarrhea
(5)Headaches
(5)Inflammation
(6)Panosteitis
(5)Splenomegaly
(5)Vertigo
(4)X ray diagnostics
(5)Encephalograms
(5)Mammography
(3)Etiology
(4)Disease vectors
(3)Geriatrics
(3)Infectious disease transmission
(3)Internal medicine
(4)Cardiology
(4)Gynecology
(5)Obstetrics
(4)Neurology
(5)Neurophysiology
(6)Nerve blocking
(4)Urology
(5)Urinalysis
(3)Pediatrics
(3)Preventive medicine
(4)Preventive dentistry
(2)Dentistry
(3)Dental surgery
(4)Dental implantology
(3)Orthodontics
(3)Preventive dentistry
(2)Endocrinology
(3)Chalones
(2)Epidemiology
(2)Gerontology
(3)Geriatrics
(2)Healing
(2)Hyperbaric medicine
(2)Immunology
(3)Antigen antibody reactions
(4)Agglutination
(4)Anaphylaxis
(3)Immunity
(4)Active immunity
(4)Autoimmune reactions
(4)Histocompatibility
(4)Humoral immunity
(4)Immunization
(5)Autoimmunization
(4)Radioimmunity
(4)Tissue immunity
(3)Immunochemistry
(4)Interferon
(4)Properdin
(3)Immunosuppression
(2)Industrial medicine
(2)Medical services
(3)First aid
(3)Health care management
(4)CHAMPUS
(4)Health care reform
(4)Health maintenance organizations
(4)Hospital administration
(3)Hospitalizations
(4)Convalescence
(3)Hospitals
(4)Casualty centers
(5)Shock trauma centers
(4)Intensive care units
(5)Cardiac care units
(3)Medical examination
(4)Cardiography
(5)Ballistocardiography
(5)Echocardiography
(5)Electrocardiography
(6)Vectorcardiography
(5)Phonocardiography
(4)Endoscopy
(4)Fluoroscopy

(3)Medical malpractice
(3)Medicare
(3)Nursing
(3)Pharmacies
(3)Therapy
(4)Acupuncture
(4)Analgesia
(4)Artificial respiration
(4)Asepsis
(4)Blood transfusion
(4)Chemotherapy
(5)Antisense therapy
(4)Defibrillation
(4)Detoxification
(4)Diathermy
(4)Disinfection
(4)Diuresis
(4)Drug withdrawal
(4)Electrotherapy
(4)Immunotherapy
(4)Inoculation
(4)Intubation
(4)Irrigation(Medicine)
(4)Physical therapy
(4)Psychotherapy
(5)Group therapy
(5)Hypnosis
(5)Psychiatry
(4)Quarantine
(4)Radiotherapy
(4)Resuscitation
(5)Cardiopulmonary resuscitation
(4)Sedation
(4)Self treatment
(4)Shock therapy
(4)Speech therapy
(4)Surgery
(5)Cryosurgery
(5)Dental surgery
(6)Dental implantology
(5)Excision
(6)Amputation
(6)Biopsy
(6)Iridectomy
(6)Mastectomy
(5)Laminectomy
(5)Microsurgery
(5)Orthopedics
(5)Plastic surgery
(6)Breast reconstruction
(5)Surgical implantation
(5)Surgical transplantation
(6)Skin grafts
(5)Tracheotomy
(2)Military medicine
(3)CHAMPUS
(2)Nuclear medicine
(3)Radiopharmaceuticals
(2)Occupational medicine
(2)Ophthalmology
(2)Paramedical sciences
(3)Optometry
(2)Pathology
(3)Anoxia
(3)Asphyxiation
(3)Atrophy
(4)Lipoatrophy
(3)Autopsy
(3)Blackout(Physiology)
(3)Blindness
(4)Flashblindness
(3)Bradycardia
(3)Carcinogenesis
(3)Cytopathology
(4)Pleocytosis
(3)Deafness
(3)Dyspnea
(3)Edema
(4)Pulmonary edema
(3)Fevers
(4)Hemorrhagic fevers
(5)Bolivian hemorrhagic fever
(4)Lassa fever
(3)Frostbite
(3)Heat stroke
(3)Hemorrhage
(3)Histopathology
(3)Hyperoxia
(3)Hypertension
(4)Pulmonary hypertension
(3)Hyperventilation
(3)Hypotension
(3)Hypothermia
(3)Hypoxia
(3)Malaise
(3)Myocardial infarction
(3)Narcosis
(3)Necrosis
(3)Neurocirculatory asthenia
(3)Obstruction(Physiology)
(4)Embolism
(5)Gas embolism
(4)Thrombosis
(5)Thrombophlebitis
(3)Paralysis
(3)Pathogenesis
(3)Pathophysiology
(3)Plant pathology
(3)Poisoning
(4)Alcoholism
(5)Intoxication
(4)Carbon monoxide poisoning
(4)Food poisoning
(5)Botulism
(4)Metal poisoning
(3)Shock(Pathology)
(4)Endotoxic shock
(4)Hemorrhagic shock
(4)Shock therapy
(4)Traumatic shock
(3)Stenosis
(3)Syncope
(3)Transfection
(3)Urethritis
(3)Vertigo
(2)Radiology
(2)Serology
(3)Serodiagnosis
(2)Telemedicine
(2)Tropical medicine

(2)Veterinary medicine

Life support systems
(1)Breathing apparatus
(2)Aspirators
(2)Breathing masks
(3)Oxygen masks
(3)Protective masks
(4)Gas masks
(4)Protective mask canisters
(4)Protective mask facepieces
(4)Protective mask filters
(2)Respirators
(2)Scuba apparatus
(2)Snorkels
(1)Closed ecological systems
(1)Underwater life support systems

Light sources
(1)Candles
(1)Lasers
(2)Chemical lasers
(2)Continuous wave lasers
(2)Electrical lasers
(2)Excimers
(3)Oxygen iodine lasers
(2)Free electron lasers
(2)Gas lasers
(3)Argon lasers
(3)Carbon dioxide lasers
(3)Carbon monoxide lasers
(3)Gas dynamic lasers
(3)Helium cadmium lasers
(3)Helium neon lasers
(3)Hydrogen chloride lasers
(3)Hydrogen fluoride lasers
(3)Nitrogen lasers
(3)TEA lasers
(3)Xenon lasers
(2)High energy lasers
(2)Infrared lasers
(3)Carbon dioxide lasers
(2)Injection lasers
(2)Laser applications
(3)Laser induced fluorescence
(3)Laser induced fusion
(3)Laser medical diagnosis
(3)Laser spectroscopy
(3)Laser welding
(2)Laser arrays
(2)Laser components
(3)Laser amplifiers
(3)Laser mirrors
(2)Laser weapons
(2)Liquid lasers
(3)Dye lasers
(2)Mode locked lasers
(2)Molecular lasers
(2)Photorecombination lasers
(2)Pulsed lasers
(2)Ring lasers
(2)Solid state lasers
(3)Glass lasers
(4)Neodymium lasers
(3)Ruby lasers
(3)Semiconductor lasers
(4)Diode lasers
(4)Gallium arsenide lasers
(3)Vertical cavity surface emitting lasers
(3)YAG lasers
(2)Spin flip lasers
(2)Tunable lasers
(2)Ultraviolet lasers
(2)X ray lasers
(1)Lighting equipment
(2)Flashlights
(2)Floodlights
(2)Identification lights
(2)Indicator lights
(2)Lamps
(3)Discharge lamps
(4)Arc lamps
(5)Carbon arc lamps
(4)Flash lamps
(5)Electronic photoflash equipment
(6)Photoflash lamps
(4)Krypton lamps
(4)Mercury lamps
(4)Thallium lamps
(4)Xenon lamps
(3)Glow lamps
(3)Headlamps
(3)Incandescent lamps
(3)Infrared lamps
(3)Ultraviolet lamps
(2)Landing lights
(2)Photographic lighting systems
(3)Electronic photoflash equipment
(4)Photoflash lamps
(3)Photoflash ammunition
(4)Photoflash bombs
(4)Photoflash cartridges
(4)Photoflash projectiles
(2)Searchlights
(3)Aircraft searchlights
(2)Underwater lights
(1)Stroboscopes

Limiters
(1)Current limiters

Linings
(1)Cavity liners
(1)Combustion chamber liners
(1)Tank liners

Linkages
(1)Ammunition belt links

Lipids
(1)Cholesterol
(1)Fats
(2)Milk fat
(1)Glycolipids
(1)Phospholipids
(2)Lecithin

Litigation
(1)Legal defense

Loads(Forces)
(1)Axial loads
(1)Dynamic loads
(2)Aerodynamic loading
(3)Buffeting
(3)Gust loads
(2)Blast loads
(2)Cyclic loads
(2)Impulse loading
(1)Flight loads
(1)Impact loads
(2)Impact shock
(3)Landing impact
(4)Cratering
(1)Overload
(1)Static loads

Locators
(1)Ordnance locators
(2)Mine detectors
(2)Mortar locator radar
(1)Underwater object locators

Locomotion
(1)Skiing
(1)Walking

Log periodic structure
(1)Log periodic antennas

Logic
(1)Computer logic
(2)Communications protocols
(2)Fuzzy logic
(1)Mathematical logic
(2)Boolean algebra

Logic devices
(1)Logic circuits
(2)Diode transistor logic
(2)Fan out circuits
(2)Flip flop circuits
(2)Matrices(Circuits)
(2)Nand gates
(2)Nor gates
(2)Order circuits
(2)Switching logic
(2)Transistor transistor logic
(1)Logic elements

Logistics
(1)Air Force equipment
(1)Army equipment
(1)Logistics management
(2)Cannibalization
(2)Logistics planning
(3)Prepositioning(Logistics)
(2)Shortages
(1)Logistics support
(2)Air logistics support
(1)Military procurement
(2)Air Force procurement
(2)Army procurement
(2)Naval procurement
(1)Naval logistics
(2)Naval equipment
(3)Coast Guard equipment
(1)Replacement
(2)Replenishment
(3)Refueling
(4)Closed circuit refueling
(4)Refueling in flight
(3)Replenishment at sea
(1)Spare parts
(1)Storage
(2)Blood storage
(2)Cold storage
(2)Energy storage
(2)Magazines(Ordnance)
(2)Pol storage
(2)Storage racks
(1)Strategic materials
(1)Supplies
(2)Medical supplies
(3)Catheters
(3)Dressings
(3)Surgical supplies
(4)Ligatures
(3)Sutures
(2)Military supplies
(3)Stores
(2)Spare parts
(1)Supply depots

Losses
(1)Attenuation
(2)Acoustic attenuation
(2)Atmospheric attenuation
(2)Radiation attenuation
(2)Transmission loss
(1)Bottom loss
(1)Heat loss
(1)Insertion loss
(1)Low loss

Lubricants
(1)Antiseize compounds
(1)Cutting fluids
(1)Graphited materials
(1)Greases
(2)Instrument greases
(1)Low temperature lubricants
(1)Lubricant additives
(1)Lubricating films
(1)Lubricating oils
(2)Aircraft engine oils
(1)Solid lubricants
(2)Solid film lubricants

Lubrication
(1)Self lubrication

M

Machines
(1)Mixers(Mechanical)
(1)Positioning devices(Machinery)
(2)Booms(Equipment)
(3)Aeronautical booms
(2)Cams
(2)Hoists
(3)Bomb hoists
(3)Cranes
(4)Gantries
(3)Elevators(Lifts)
(3)Helicopter hoists
(3)Winches
(2)Jacks(Lifts)
(3)Hydraulic jacks
(2)Jigs
(1)Punching machines
(1)Sorting machines
(1)Vibrators(Mechanical)
(1)Wind machines
(1)Wire winding machines

Magnetic devices
(1)Magnet coils
(2)Deflection coils
(1)Magnetic amplifiers
(1)Magnetic brakes
(1)Magnetic circuits
(1)Magnetic cores
(1)Magnetic detectors
(1)Magnetic disks
(1)Magnetic drives
(2)Electromagnetic drives
(1)Magnetic drums
(1)Magnetic fuzes
(1)Magnetic heads
(1)Magnetic mines
(1)Magnetic mirrors
(1)Magnetic modulators
(1)Magnetic recording systems
(2)Magnetic disks
(2)Magnetic drums
(2)Magnetic film memories
(2)Magnetic tape
(1)Magnetometers
(2)Gradiometers
(1)Magnets
(2)Cyclotron magnets
(2)Electromagnets
(3)Solenoids
(3)Wiggler magnets
(2)Permanent magnets
(1)Permanent magnet generators

Magnetic disturbances
(1)Magnetic storms

Magnetic materials
(1)Ferrites
(2)Barium ferrites
(1)Ferromagnetic materials
(2)Magnetic alloys
(1)Magnetic domains
(2)Domain walls
(2)Ferromagnetic domains
(1)Paramagnetic materials

Maintenance
(1)Aircraft maintenance
(1)Maintainability
(1)Preventive maintenance
(1)Repair
(1)Space maintenance
(1)Troubleshooting

Maintenance equipment
(1)Drydocks
(2)Drydock equipment

Malfunctions
(1)Failure
(2)Failure(Electronics)
(2)Failure(Mechanics)
(3)Buckling
(3)Collapse
(3)Disintegration
(3)Rupture
(2)Fracture(Mechanics)
(3)J integrals
(1)Premature functioning(Ordnance)

Management
(1)Configuration management
(1)Contract administration
(2)Contract proposals
(2)Contracted services
(2)Contracts
(3)Incentive contracts
(3)Waiver
(1)Crisis management
(1)Data management
(2)Relational data bases
(1)Energy management
(2)Energy conservation
(1)Environmental management
(1)Financial management
(2)Fiscal policies
(1)Logistics management
(2)Cannibalization
(2)Logistics planning
(3)Prepositioning(Logistics)
(2)Shortages
(1)Maintenance management
(1)Management engineering
(2)Business process reengineering
(3)Organizational realignment
(3)Privatization
(4)Outsourcing
(2)Collaborative techniques
(3)Collaborative virtual prototyping
(2)Management benchmarking
(2)Management planning and control
(3)Gantt charts
(3)Network analysis(Management)
(4)Critical path methods
(3)PERT
(3)Planning programming budgeting
(2)Production engineering
(3)Concurrent engineering
(3)Mass production

(4)Assembly lines
(3)Production control
(4)Reproducibility
(3)Productivity
(3)Scheduling
(4)Job shop scheduling
(4)Lead time
(3)Tooling
(1)Participative management
(1)Personnel management
(2)Absenteeism
(2)Equal employment opportunity
(2)Grade structure(Personnel management)
(2)Job analysis
(3)Job satisfaction
(2)Manpower
(3)Manhours
(2)Manpower utilization
(3)Employment
(3)Unemployment
(2)Personnel development
(3)Careers
(4)Journalism
(4)Military occupational specialties
(5)Forward observers
(3)Journeyman level
(3)Performance appraisals
(3)Recruiting
(4)Reenlistment
(3)Vocational guidance
(2)Personnel retention
(2)Promotion(Advancement)
(2)Retirement(Personnel)
(2)Supervision
(1)Public administration
(1)Records management
(1)Research management
(2)Scientific research
(1)Resource management
(2)Life cycle management
(1)Systems management
(2)Corporate information management
(2)Project management
(1)Test management
(1)Total quality management
(1)Training management

Manufacturing
(1)Computer aided manufacturing

Mapping
(1)Conformal mapping
(1)Geobotanical mapping
(1)Map projection
(1)Photogrammetry
(2)Stereophotogrammetry
(1)Radar mapping
(1)Stereomapping
(1)Video mapping
(2)Video map matching

Maps
(1)Digital maps
(1)Meteorological charts
(1)Navigation charts
(1)Solar radio maps
(1)Topographic maps

Markers
(1)Labels

Masking
(1)Photomasking
(1)Terrain masking

Masks
(1)Protective masks
(2)Gas masks
(2)Protective mask canisters
(2)Protective mask facepieces
(2)Protective mask filters

Matching
(1)Impedance matching

Materials
(1)Ablative materials
(1)Absorbers(Materials)
(2)Molecular sieves
(2)Towels
(1)Acoustic materials
(2)Acoustic coatings
(2)Electroacoustic materials
(1)Amorphous materials
(1)Bulk materials
(1)Composite materials
(2)Agglomerates
(2)Carbon carbon composites
(2)Carbon phenolic materials
(2)Carbon reinforced composites
(2)Ceramic matrix composites
(2)Epoxy composites
(3)Graphite epoxy composites
(2)Eutectic composites
(2)Fiber reinforced composites
(2)Graphited materials
(2)Laminates
(3)Epoxy laminates
(3)Laminated glass
(3)Laminated plastics
(3)Plywood
(2)Matrix materials
(3)Metal matrix composites
(4)Eutectic composites
(2)Quartz phenolic materials
(2)Reinforced plastics
(3)Glass reinforced plastics
(3)Prepregs
(2)Syntactic foams
(2)Thermoplastic composites
(2)Whisker composites
(1)Construction materials
(2)Aggregates(Materials)
(2)Backfills
(2)Concrete
(3)High performance concrete
(3)Precast concrete
(3)Reinforced concrete
(4)Ferrocement
(4)Prestressed concrete

(3)Shotcrete
(2)Earth fills
(2)Masonite
(2)Masonry
(3)Brick
(2)Mortars(Material)
(3)Grout
(3)Portland cement
(1)Decontamination materials
(1)Deicing materials
(1)Dry materials
(1)Fine grained materials
(1)Fire resistant materials
(2)Fire protective clothing
(2)Fire resistant coatings
(2)Fire resistant textiles
(1)Fissionable materials
(1)Flexible materials
(2)Cellophane
(1)Granular materials
(1)Hazardous materials
(2)Hazardous wastes
(2)Poisons
(3)Burnable poisons
(3)Mussel poisons
(3)Venoms
(2)Radioactive materials
(3)Fission products
(4)Fission product activity
(3)Radioactive isotopes
(4)Radium
(4)Tritium
(5)Tritiated compounds
(3)Radioactive wastes
(1)Heat resistant materials
(2)Heat resistant alloys
(3)Refractory metal alloys
(4)Iridium alloys
(4)Molybdenum alloys
(4)Niobium alloys
(4)Osmium alloys
(4)Rhenium alloys
(4)Ruthenium alloys
(4)Tantalum alloys
(4)Tungsten alloys
(3)Superalloys
(2)Heat resistant glass
(2)Heat resistant metals
(3)Refractory metals
(4)Iridium
(4)Molybdenum
(4)Niobium
(4)Osmium
(4)Protactinium
(4)Rhenium
(4)Ruthenium
(4)Tantalum
(4)Technetium
(4)Tungsten
(2)Heat resistant plastics
(2)Refractory materials
(3)Cermets
(3)Pyrolytic graphite
(3)Refractory coatings
(3)Refractory metal alloys
(4)Iridium alloys
(4)Molybdenum alloys
(4)Niobium alloys
(4)Osmium alloys
(4)Rhenium alloys
(4)Ruthenium alloys
(4)Tantalum alloys
(4)Tungsten alloys
(3)Refractory metals
(4)Iridium
(4)Molybdenum
(4)Niobium
(4)Osmium
(4)Protactinium
(4)Rhenium
(4)Ruthenium
(4)Tantalum
(4)Technetium
(4)Tungsten
(1)Inert materials
(1)Inorganic materials
(2)Inorganic polymers
(1)Molding materials
(1)Nonskid materials
(1)Optical materials
(2)Infrared optical materials
(2)Laser materials
(2)Optical coatings
(2)Optical glass
(2)Photorefractive materials
(2)Ultraviolet optical materials
(1)Organic materials
(2)Bitumens
(3)Bituminous coatings
(2)Coal
(3)Anthracite
(3)Bituminous coal
(3)Char oil
(2)Cork
(2)Creosote
(2)Feathers
(2)Fur
(2)Leather
(3)Artificial leather
(2)Organic pigments
(3)Anthoxanthin pigments
(3)Bacteriorhodopsin
(3)Bile pigments
(4)Bilirubin
(3)Carotenoids
(3)Chlorophylls
(3)Eye pigments
(4)Iris
(3)Hemoglobin
(4)Methemoglobin
(3)Melanin
(3)Toners
(2)Petroleum products
(3)Crude oil
(4)Oil shales
(4)Shale oil
(3)Diesel fuels
(3)Fuel oil
(3)Gasoline
(4)Aviation gasoline

(3)Kerosene
(3)Natural gas
(4)Liquefied natural gas
(2)Pitch(Material)
(3)Asphalt
(3)Tar
(4)Coal tar
(2)Rosin
(2)Silk
(2)Straw
(2)Vegetable oils
(3)Peanut oil
(2)Waxes
(3)Beeswax
(1)Paper
(2)Filter paper
(2)Paperboard
(2)Recording paper
(3)Photographic paper
(1)Photographic materials
(2)Photochromic materials
(2)Photographic chemicals
(3)Photographic developers
(3)Photographic emulsions
(3)Photographic fixers
(3)Toners
(2)Photographic recording media
(3)Photographic film
(4)Black and white photographic film
(4)Color film
(4)Infrared film
(4)Kalvar film
(4)Microform
(5)Microdots
(5)Microfiche
(5)Microfilm
(4)Motion picture film
(4)Photographic film chips
(4)Photographic grain
(4)Photographic plates
(4)Radiographic film
(4)Reconnaissance film
(4)Transparencies
(4)X ray film
(3)Photographic paper
(3)Photographs
(4)Aerial photographs
(4)Ground photographs
(4)Panoramic photographs
(1)Piezoelectric materials
(2)Piezoelectric crystals
(1)Plastics
(2)Cellophane
(2)Expanded plastics
(2)Heat resistant plastics
(2)Laminated plastics
(2)Photoplastic materials
(2)Polyester plastics
(2)Polyimide plastics
(2)Polyurethane resins
(2)Reinforced plastics
(3)Glass reinforced plastics
(3)Prepregs
(2)Styrene plastics
(3)Polystyrene
(2)Thermoplastic resins
(3)Acetal resins
(4)Delrin
(3)Acrylic resins
(4)Polyacrylamides
(4)Polyacrylates
(5)Polymethyl methacrylate
(6)Plexiglas
(3)Cellulosic resins
(4)Cellulose acetates
(4)Cellulose ethers
(5)Ethyl cellulose
(5)Methyl cellulose
(3)Halocarbon plastics
(3)Polyamide plastics
(4)Nylon
(3)Polyethylene plastics
(3)Polyethylene terephthalate
(3)Polyimide resins
(3)Polymethyl methacrylate
(4)Plexiglas
(3)Polyoxyethylene
(3)Polypropylene
(3)Styrene plastics
(4)Polystyrene
(3)Vinyl plastics
(4)Polyvinyl alcohol
(4)Polyvinyl chloride
(4)Polyvinylidenes
(2)Thermosetting plastics
(3)Amino plastics
(3)Epoxy resins
(3)Furan resins
(3)Phenolic plastics
(4)Carbon phenolic materials
(4)Quartz phenolic materials
(3)Silicone plastics
(4)Silastic compounds
(1)Porous materials
(2)Graphitic foam
(2)Porous metals
(3)Foamed metals
(1)Radar absorbing materials
(1)Reactor materials
(2)Neutron absorbers
(3)Reactor poisons
(4)Fission product poisoning
(2)Reactor coolants
(2)Reactor fuel cladding
(2)Reactor fuels
(2)Reactor moderators
(2)Reactor shielding materials
(1)Recycled materials
(1)Reinforcing materials
(1)Synthetic materials
(2)Artificial leather
(2)Artificial soils
(2)Biomimetics
(2)Synthetic fibers
(3)Mineral wool
(3)Orlon
(3)Polyester fibers
(4)Dacron
(3)Rayon
(2)Synthetic fuels

(2)Synthetic rubber
(3)Neoprene
(3)Nitrile rubber
(3)Vinyl rubber
(2)Synthetic stones
(1)Thermochromic materials
(1)Water soluble materials

Materials handling equipment
(1)Conveyors
(1)Materials handling vehicles
(2)Dollies
(2)Forklift vehicles
(2)Hoists
(3)Bomb hoists
(3)Cranes
(4)Gantries
(3)Elevators(Lifts)
(3)Helicopter hoists
(3)Winches
(2)Loaders
(1)Pallets
(1)Rigging

Materiel
(1)Military equipment
(2)Air Force equipment
(2)Army equipment
(2)Marine Corps equipment
(2)Naval equipment
(3)Coast Guard equipment
(1)Portable equipment
(2)Air transportable equipment
(2)Field equipment
(3)Field wire
(3)Mountain climbing equipment
(3)Tents
(3)Walkie talkies
(2)Manportable equipment
(3)Backpacks
(3)Bundles
(2)Portable shelters
(2)Semiportable equipment

Mathematics
(1)Algebra
(2)Algebraic geometry
(2)Convex sets
(2)Determinants(Mathematics)
(2)Field theory(Algebra)
(2)Linear algebra
(3)Tensors
(3)Vector spaces
(4)Matrices(Mathematics)
(5)Eigenvectors
(5)Sparse matrix
(5)Wishart matrices
(2)Nonlinear algebraic equations
(3)Quadratic equations
(3)Quartic equations
(1)Algorithms
(1)Applied mathematics
(1)Approximation(Mathematics)
(2)Chebyshev approximations
(2)Hartree Fock approximation
(2)Smoothing(Mathematics)
(2)Truncation
(1)Arithmetic
(2)Arithmetic units
(2)Division
(2)Multiplication
(1)Calculus
(2)Calculus of variations
(3)Variational methods
(3)Variational principles
(4)Variational methods
(2)Monotone functions
(1)Derivatives(Mathematics)
(1)Equations
(2)Boltzmann equation
(2)Differential equations
(3)Boundary value problems
(4)Cauchy problem
(3)Eigenvalues
(3)Linear differential equations
(4)Riccati equation
(3)Nonlinear differential equations
(4)Lyapunov functions
(3)Partial differential equations
(4)Helmholtz equations
(4)Hyperbolic differential equations
(4)Maxwells equations
(4)Navier Stokes equations
(4)Poisson equation
(4)Wave equations
(5)Schrodinger equation
(2)Equations of motion
(3)Navier Stokes equations
(2)Equations of state
(2)Hugoniot equations
(2)Integral equations
(3)Volterra equations
(2)Lanchester equations
(2)Liouville equation
(2)Simultaneous equations
(1)Formulas(Mathematics)
(1)Functions(Mathematics)
(2)Algebraic functions
(2)Analytic functions
(2)Biharmonic functions
(2)Chebyshev functions
(2)Fitting functions(Mathematics)
(2)Kernel functions
(2)Lagrangian functions
(2)Lyapunov functions
(2)Meromorphic functions
(3)Rational functions
(2)Normal density functions
(2)Periodic functions
(2)Power spectra
(2)Probability density functions
(3)Bivariate density functions
(3)Poisson density functions
(3)Weibull density functions
(2)Recursive functions
(2)Scalar functions
(2)Special functions(Mathematics)
(3)Bessel functions
(3)Delta functions
(3)Exponential functions

(3)Greens functions
(3)Hypergeometric functions
(3)Laguerre functions
(3)Legendre functions
(3)Logarithm functions
(3)Monotone functions
(3)Spherical harmonics
(3)Step functions
(2)Statistical functions
(3)Distribution functions
(4)Distribution curves
(4)Normal distribution
(4)Probability distribution functions
(2)Transcendental functions
(2)Transfer functions
(2)Walsh functions
(2)Wave functions
(3)Harmonics
(2)Weighting functions
(2)Work functions
(1)Geometry
(2)Algebraic geometry
(2)Analytic geometry
(3)Circles
(3)Ellipses
(3)Hyperbolas
(3)Locus
(3)Parabolas
(2)Differential geometry
(3)Curvature
(3)Geodesics
(3)Lie groups
(3)Spinors
(2)Plane geometry
(2)Points(Mathematics)
(2)Polygons
(3)Triangles
(2)Projective geometry
(2)Pyramids(Geometry)
(2)Quadrants
(2)Splines(Geometry)
(2)Tangents
(2)Topology
(3)Algebraic topology
(3)Differential topology
(3)Point theorem
(1)Groups(Mathematics)
(2)Monoids
(1)Identities
(1)Inequalities
(1)Integrals
(2)Contour integrals
(2)Convolution integrals
(2)Dirichlet integral
(2)Fresnel integrals
(2)Path integrals
(1)Invariance
(1)Mathematical analysis
(2)Combinatorial analysis
(3)Factorial design
(2)Complex variables
(3)Analytic functions
(3)Conformal mapping
(3)Meromorphic functions
(4)Rational functions
(3)Special functions(Mathematics)
(4)Bessel functions
(4)Delta functions
(4)Exponential functions
(4)Greens functions
(4)Hypergeometric functions
(4)Laguerre functions
(4)Legendre functions
(4)Logarithm functions
(4)Monotone functions
(4)Spherical harmonics
(4)Step functions
(2)Computations
(2)Differential equations
(3)Boundary value problems
(4)Cauchy problem
(3)Eigenvalues
(3)Linear differential equations
(4)Riccati equation
(3)Nonlinear differential equations
(4)Lyapunov functions
(3)Partial differential equations
(4)Helmholtz equations
(4)Hyperbolic differential equations
(4)Maxwells equations
(4)Navier Stokes equations
(4)Poisson equation
(4)Wave equations
(5)Schrodinger equation
(2)Fourier analysis
(3)Fourier series
(2)Functional analysis
(3)Banach space
(4)Hilbert space
(3)Harmonic analysis
(3)Manifolds(Mathematics)
(3)Minkowski space
(2)Integral equations
(3)Volterra equations
(2)Measure theory
(2)Nonlinear analysis
(3)Nonlinear propagation analysis
(2)Numerical analysis
(3)Curve fitting
(3)Error analysis
(3)Extrapolation
(3)Finite difference theory
(4)Difference equations
(3)Finite element analysis
(3)Gaussian quadrature
(3)Interpolation
(4)Cubic spline technique
(3)Iterations
(3)Least squares method
(3)Maximum likelihood estimation
(4)Least squares method
(3)Method of characteristics
(3)Monte Carlo method
(3)Nomographs
(3)Numerical methods and procedures
(4)Computational fluid dynamics
(5)Euler equations
(4)Galerkin method
(4)Numerical integration
(5)Runge Kutta method

(4)Perturbations
(4)Steepest descent method
(3)Numerical quadrature
(4)Q factor
(2)Parametric analysis
(3)Bifurcation(Mathematics)
(2)Real variables
(3)Differential equations
(4)Boundary value problems
(5)Cauchy problem
(4)Eigenvalues
(4)Linear differential equations
(5)Riccati equation
(4)Nonlinear differential equations
(5)Lyapunov functions
(4)Partial differential equations
(5)Helmholtz equations
(5)Hyperbolic differential equations
(5)Maxwells equations
(5)Navier Stokes equations
(5)Poisson equation
(5)Wave equations
(6)Schrodinger equation
(3)Monotone functions
(2)Sequences(Mathematics)
(3)Pseudo random sequences
(3)Series(Mathematics)
(4)Asymptotic series
(4)Fourier series
(4)Infinite series
(4)Power series
(5)Taylors series
(2)Statistical analysis
(3)Analysis of variance
(4)Bivariate analysis
(3)Confidence limits
(3)Correlation techniques
(4)Autocorrelation
(4)Cross correlation
(3)Covariance
(3)Discriminate analysis
(3)Distribution theory
(3)Experimental design
(4)Reverse engineering
(3)Factor analysis
(3)Monte Carlo method
(3)Multivariate analysis
(3)Nonparametric statistics
(3)Normality
(4)Asymptotic normality
(3)Population(Mathematics)
(4)Statistical samples
(3)Pseudo random systems
(3)Regression analysis
(4)Least squares method
(4)Linear regression analysis
(3)Sequential analysis
(3)Standard deviation
(3)Statistical data
(3)Statistical decision theory
(3)Statistical distributions
(4)Mean
(4)Probability density functions
(5)Bivariate density functions
(5)Poisson density functions
(5)Weibull density functions
(3)Statistical inference
(3)Statistical processes
(3)Statistical tests
(4)Chi square test
(4)Goodness of fit tests
(2)Tensor analysis
(2)Theorems
(3)Bayes theorem
(2)Vector analysis
(1)Mathematical logic
(2)Boolean algebra
(1)Mathematical prediction
(1)Metamathematics
(1)Number theory
(2)Addition
(2)Analytic number theory
(2)Binary arithmetic
(2)Prime numbers
(2)Square roots
(1)Numbers
(2)Alphanumeric data
(2)Binary notation
(2)Complex numbers
(2)Real numbers
(3)Irrational numbers
(3)Prime numbers
(3)Rational numbers
(1)Operations research
(2)Game theory
(3)Matrix games
(2)Mathematical models
(3)Computerized simulation
(4)Analog simulation
(4)Combat simulation
(4)Digital simulation
(4)Distributed interactive simulation
(5)Collaborative virtual prototyping
(4)Hybrid simulation
(3)Economic models
(4)Cost models
(4)Obsolescence theory
(2)Mathematical programming
(3)Dynamic programming
(3)Goal programming
(4)Game theory
(5)Matrix games
(3)Integer programming
(3)Linear programming
(4)Simplex method
(3)Nonconvex programming
(3)Nonlinear programming
(3)Parametric programming
(3)Quadratic programming
(2)Minimax technique
(2)Network flows
(2)Queueing theory
(2)Systems analysis
(3)Systems approach
(1)Operators(Mathematics)
(2)Hamiltonian functions
(2)S matrix
(1)Permutations
(1)Polynomials
(2)Binomials

(2)Chebyshev polynomials
(1)Potential theory
(1)Power series
(2)Taylors series
(1)Probability
(2)Bayes theorem
(2)Stochastic processes
(3)Fokker Planck equations
(3)Markov processes
(4)Semimarkov processes
(3)Random walk
(3)Stochastic control
(1)Rings(Mathematics)
(1)Sequences
(2)Sequences(Mathematics)
(3)Pseudo random sequences
(3)Series(Mathematics)
(4)Asymptotic series
(4)Fourier series
(4)Infinite series
(4)Power series
(5)Taylors series
(1)Set theory
(2)Convex sets
(2)Fuzzy sets
(3)Fuzzy logic
(1)Statistics
(2)Biostatistics
(2)Normalizing(Statistics)
(2)Order statistics
(3)Rank order statistics
(2)Statistical analysis
(3)Analysis of variance
(4)Bivariate analysis
(3)Confidence limits
(3)Correlation techniques
(4)Autocorrelation
(4)Cross correlation
(3)Covariance
(3)Discriminate analysis
(3)Distribution theory
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(5)Poisson density functions
(5)Weibull density functions
(3)Statistical inference
(3)Statistical processes
(3)Statistical tests
(4)Chi square test
(4)Goodness of fit tests
(2)Statistical data
(1)Stopping rules(Mathematics)
(1)Tables(Data)
(2)Ephemerides
(2)Firing tables
(3)Range tables
(1)Time lag theory
(1)Transformations(Mathematics)
(2)Integral transforms
(3)Fourier transformation
(4)Discrete Fourier transforms
(4)Fast Fourier transforms
(3)Laplace transformation
(3)Walsh transformation
(3)Wavelet transforms
(2)Mapping(Transformations)
(1)Trigonometry

Mats
(1)Landing mats

Measurement
(1)Acoustic measurement
(1)Anthropometry
(2)Cephalometry
(1)Assaying
(2)Bioassay
(1)Calorimetry
(2)Differential scanning calorimetry
(2)Microcalorimetry
(1)Electrical measurement
(2)Polarography
(2)Voltammetry
(1)Extensometry
(1)Magnetometry
(1)Metric system
(1)Metrology
(2)Metric system
(1)Phase measurement
(1)Planimetry
(1)Plethysmography
(1)Polarimetry
(1)Power measurement
(1)Pressure measurement
(1)Quantization
(1)Radiometry
(2)Dosimetry
(3)Radiation dosage
(4)Dose rate
(4)Partial body irradiation
(4)Whole body irradiation
(1)Work measurement

Mechanics
(1)Applied mechanics
(1)Celestial mechanics
(2)Eclipses
(3)Lunar eclipses
(3)Solar eclipses
(3)Stellar eclipses

(2)Occultation
(1)Continuum mechanics
(1)Dynamics
(2)Fluid dynamics
(3)Aerodynamic characteristics
(4)Aerodynamic forces
(5)Aerodynamic drag
(6)Supersonic drag
(5)Aerodynamic loading
(6)Buffeting
(6)Gust loads
(5)Lift
(6)Aerodynamic lift
(7)Stalling
(6)High lift
(6)Lift to drag ratio
(6)Powered lift
(4)Aerodynamic stability
(5)Trim(Aerodynamics)
(4)Aeroelasticity
(5)Aeroservoelasticity
(5)Aerothermoelasticity
(5)Twist(Aerodynamics)
(4)Hypersonic characteristics
(5)Hypersonic diffusers
(5)Hypersonic flow
(5)Hypersonic nozzles
(5)Hypersonic waves
(4)Subsonic characteristics
(4)Supersonic characteristics
(5)Supersonic drag
(4)Transonic characteristics
(3)Aerodynamics
(4)Aerodynamic heating
(4)Aerothermodynamics
(4)Unsteady aerodynamics
(3)Cascades(Fluid dynamics)
(3)Computational fluid dynamics
(4)Euler equations
(3)Gas dynamics
(4)Rarefied gas dynamics
(3)Ground effect
(3)Hydrodynamic characteristics
(4)Trim(Hydrodynamics)
(3)Hydrodynamics
(4)Electrohydrodynamics
(5)Electrokinetics
(3)Magnus effect
(3)Prandtl number
(3)Reynolds number
(3)Richardson number
(3)Slamming
(3)Strouhal number
(3)Turbulence
(4)Clear air turbulence
(3)Vortex shedding
(2)Kinetics
(3)Electrokinetics
(3)Ferrokinetics
(2)Lattice dynamics
(2)Soil dynamics
(1)Failure(Mechanics)
(2)Buckling
(2)Collapse
(2)Disintegration
(2)Rupture
(1)Fluid mechanics
(2)Aerostatics
(2)Buoyancy
(2)Eddies(Fluid mechanics)
(2)Hydromechanics
(3)Hydraulics
(4)Hydraulic tests
(4)Percolation
(2)Hydrostatics
(3)Head(Fluid mechanics)
(3)Hydrostatic pressure
(2)Infiltration(Fluids)
(2)Knudsen number
(2)Leakage(Fluid)
(2)Seepage
(1)Force(Mechanics)
(1)Fracture(Mechanics)
(2)J integrals
(1)Ice mechanics
(1)Kinematics
(1)Micromechanics
(2)Nanotechnology
(1)Rock mechanics
(1)Shock(Mechanics)
(2)Ground shock
(2)Impact shock
(3)Landing impact
(4)Cratering
(1)Soil mechanics
(2)Landslides
(2)Soil compaction
(3)Soil settlement
(2)Soil dynamics
(1)Statics
(2)Aerostatics
(2)Hydrostatics
(3)Head(Fluid mechanics)
(3)Hydrostatic pressure
(2)Magnetostatics
(1)Statistical mechanics
(1)Structural mechanics
(1)Thermomechanics

Media
(1)Mass media

Medical equipment
(1)Cystoscopes
(1)Dental equipment
(1)Fluoroscopes
(1)Gastroscopes
(1)Mechanical organs
(1)Medical cameras
(1)Olfactometers
(1)Pacemakers
(1)Photocoagulators
(1)Pneumogram
(1)Prosthetics
(2)Artificial limbs
(2)Artificial tissue
(2)Dental prostheses
(2)Mechanical organs
(1)Stents
(1)Stethoscopes

(1)Stretchers
(1)Surgical instruments
(2)Microtomes

Membranes
(1)Membranes(Biology)
(2)Dura mater
(2)Endocardium
(2)Meninges
(2)Mucous membranes
(2)Pellicle
(2)Pericardium
(2)Peritoneum

Mental ability
(1)Creativity
(1)Reasoning
(2)Judgement(Psychology)

Metamorphosis
(1)Larvae
(2)Cercariae
(1)Nymph

Meteorological phenomena
(1)Atmospheric condensation
(2)Cloud cover
(3)Ceiling
(2)Clouds
(3)Cirrus clouds
(3)Cloud cover
(4)Ceiling
(3)Cumulonimbus clouds
(3)Cumulus clouds
(3)Fog
(4)Cold fog
(4)Ice fog
(3)Nimbostratus clouds
(3)Noctilucent clouds
(3)Stratus clouds
(2)Condensation trails
(2)Dew
(3)Frost
(1)Atmospheric electricity
(2)Lightning
(1)Atmospheric motion
(2)Anticyclones
(2)Atmospheric heave
(2)Atmospheric tides
(2)Clear air turbulence
(2)Cyclones
(3)Cyclogenesis
(3)Tropical cyclones
(4)Hurricanes
(4)Typhoons
(2)Wind
(3)Crosswinds
(3)Geostrophic wind
(3)Gusts
(3)Jet streams
(3)Monsoons
(3)Sea breeze
(3)Wind direction
(3)Wind velocity
(4)Wind shear
(1)Atmospheric precipitation
(2)Hydrometeors
(3)Fog
(4)Cold fog
(4)Ice fog
(3)Hail
(3)Rain
(4)Acid deposition
(4)Rainfall
(5)Rainfall intensity
(3)Snow
(4)Snow cover
(4)Snowdrifts
(4)Snowfields
(1)Atmospheric refraction
(1)Atmospheric temperature
(2)Lapse rate
(2)Temperature inversion
(1)Barometric pressure
(2)Isobars(Pressure)
(2)Microbarometric waves
(1)Coriolis effect
(1)Fronts(Meteorology)
(2)Cold fronts
(1)Haze
(1)Humidity
(2)Dew point
(2)High humidity
(2)Low humidity
(1)Storms
(2)Dust storms
(2)Hurricanes
(2)Thunderstorms
(2)Tornadoes
(2)Typhoons

Meteors
(1)Meteoroids
(2)Meteorites

Methodology
(1)Collecting methods
(2)Sampling
(3)Core sampling
(3)Ocean bottom sampling
(1)Consistency
(1)Laboratory procedures
(2)Calibration
(2)Colorimetry
(2)Experimental data
(2)In situ analysis
(2)Laboratory tests
(2)Pilot studies
(2)Tracer studies
(3)Labeled substances
(4)Kryptonates
(1)Test methods
(2)Accelerated testing
(2)Acceptance tests
(2)Bench tests
(2)Closed bomb tests
(2)Creep tests
(2)Cyclic tests
(3)Thermal cycling tests
(2)Destructive tests

(2)Drop tests
(2)Dynamic tests
(3)Impact tests
(4)Charpy impact tests
(3)Shock tests
(2)Environmental tests
(3)Cold weather tests
(3)Desert tests
(3)Liquid immersion tests
(3)Salt spray tests
(3)Sea testing
(3)Tropical tests
(2)Fatigue tests(Mechanics)
(2)Field tests
(2)Firing tests(Ordnance)
(2)Flight testing
(2)Heart function tests
(2)Hemagglutination tests
(2)Kidney function tests
(2)Laboratory tests
(2)Life cycle testing
(2)Life tests
(2)Liver function tests
(2)Microbiological tests
(2)Model tests
(2)Nondestructive testing
(2)Nuclear explosion testing
(2)Pull tests
(2)Radiation simulation tests
(2)Road tests
(2)Shear tests
(2)Skin tests
(2)Sled tests
(2)Soil tests
(3)Cone penetration tests
(3)Consolidation tests(Soils)
(2)Spot tests
(2)Static tests
(3)Captive tests
(2)Stress testing
(2)Ultrasonic tests
(2)Water absorption tests
(2)Wind tunnel tests

Microorganisms
(1)Bacteria
(2)Actinomycetales
(3)Actinomycetaceae
(4)Actinomyces
(4)Nocardia
(3)Mycobacteriaceae
(4)Mycobacterium
(5)Mycobacterium leprae
(5)Mycobacterium tuberculosis
(3)Streptomycetaceae
(4)Streptomyces
(2)Aerobic bacteria
(2)Anaerobic bacteria
(2)Asporogenous bacteria
(2)Bacteroides
(2)Enteric bacteria
(2)Eubacteriales
(3)Azotobacteraceae
(4)Azotobacter
(3)Bacillaceae
(4)Bacillus
(5)Bacillus anthracis
(5)Bacillus cereus
(5)Bacillus subtilis
(5)Bacillus thuringiensis
(5)Legionella pneumophila
(4)Clostridium
(5)Clostridium botulinum
(5)Clostridium perfringens
(5)Clostridium sporogenes
(5)Clostridium tetani
(5)Clostridium welchii
(3)Brucellaceae
(4)Actinobacillus
(5)Actinobacillus mallei
(4)Bordetella
(5)Bordetella pertussis
(4)Brucella
(5)Brucella abortus
(5)Brucella bronchiseptica
(5)Brucella melitensis
(5)Brucella suis
(4)Pasteurella
(5)Franciscella tularensis
(3)Corynebacteriaceae
(4)Corynebacterium
(5)Corynebacterium diphtheriae
(4)Listeria
(5)Listeria monocytogenes
(3)Enterobacteriaceae
(4)Aerobacter
(5)Aerobacter aerogenes
(4)Coliform bacteria
(5)Aerobacter aerogenes
(5)Escherichia coli
(4)Escherichia
(5)Escherichia coli
(4)Klebsiella
(5)Klebsiella pneumoniae
(4)Proteus
(5)Proteus vulgaris
(4)Salmonella
(5)Salmonella enteritidis
(5)Salmonella paratyphi
(5)Salmonella typhi
(5)Salmonella typhimurium
(5)Salmonella typhosa
(4)Serratia
(5)Serratia marcescens
(4)Shigella
(5)Shigella boydii
(5)Shigella dysenteriae
(5)Shigella flexneri
(5)Shigella paradysenteriae
(5)Shigella sonnei
(4)Yersinia pestis
(4)Yersinia pseudotuberculosis
(3)Lactobacillaceae
(4)Diplococcus
(5)Diplococcus pneumoniae
(4)Lactobacillus
(5)Lactobacillus acidophilus
(4)Streptococcus
(5)Streptococcus mutans
(5)Streptococcus pyogenes

(3)Micrococcaceae
(4)Micrococcus
(4)Sarcina
(5)Sarcina lutea
(4)Staphylococcus
(5)Staphylococcus aureus
(3)Neisseriaceae
(4)Neisseria
(5)Neisseria gonorrhoeae
(5)Neisseria meningitidis
(4)Veillonella
(5)Veillonella alkalescens
(2)Gram negative bacteria
(2)Gram positive bacteria
(2)Mycoplasmatales
(3)Mycoplasmataceae
(4)Mycoplasma
(5)Pleuropneumonia like organisms
(2)Myxobacteriales
(2)Nitrobacter
(2)Oral bacteria
(2)Pseudomonadales
(3)Nitrobacter
(3)Pseudomonadaceae
(4)Pseudomonas
(5)Pseudomonas aeruginosa
(5)Pseudomonas fluorescens
(3)Spirillaceae
(4)Vibrio
(5)Vibrio cholerae
(5)Vibrio comma
(2)Spirochaetales
(3)Spirochaetaceae
(4)Spirochaeta
(3)Treponemataceae
(4)Borrelia
(5)Borrelia recurrentis
(4)Leptospira
(5)Leptospira icterohaemorrhagiae
(4)Treponema
(5)Treponema pallidum
(1)Pathogenic microorganisms
(2)Prions(Pathogens)
(1)Protozoa
(2)Actinopoda
(3)Radiolaria
(2)Ciliata
(3)Balantidium
(3)Paramecium
(2)Dinoflagellata
(3)Pfiesteria
(2)Mastigophora
(3)Mastigotes
(2)Rhizopoda
(3)Amoebina
(4)Amoeba
(5)Entamoeba histolytica
(5)Iodamoeba
(3)Foraminifera
(2)Sporozoa
(3)Eucoccidia
(4)Coccidium
(3)Hemosporidia
(4)Babesia
(4)Plasmodium
(5)Plasmodium berghei
(5)Plasmodium falciparum
(5)Plasmodium knowlesi
(5)Plasmodium vivax
(3)Toxoplasma
(2)Zoomastigina
(3)Leishmania
(3)Trypanosoma
(4)Trypanosoma cruzi
(1)Rickettsiales
(2)Bartonellaceae
(3)Bartonella
(4)Bartonella bacilliformis
(2)Chlamydiaceae
(3)Chlamydia
(4)Chlamydia trachomatis
(3)Miyagawanella
(4)Miyagawanella louisianae
(4)Miyagawanella lymphogranulomatosis
(4)Miyagawanella ornithosis
(4)Miyagawanella psittaci
(2)Rickettsiaceae
(3)Coxiella
(4)Coxiella burnetii
(3)Rickettsia
(4)Rickettsia akari
(4)Rickettsia rickettsii
(4)Rickettsia tsutsugamushi
(4)Typhus rickettsiae
(5)Rickettsia prowazekii
(5)Rickettsia typhi
(1)Viruses
(2)Adenoviruses
(3)Acute respiratory disease virus
(3)Oncogenic viruses
(2)Arboviruses
(3)Arenaviruses
(4)Hantaan virus
(4)Junin virus
(4)Lassa fever virus
(4)Machupo virus
(3)California encephalitis virus
(3)Colorado tick virus
(3)Group A arboviruses
(4)Chikungunya virus
(4)Equine encephalomyelitis virus
(5)Eastern equine encephalomyelitis virus
(5)Venezuelan equine encephalomyelitis virus
(5)Western equine encephalomyelitis virus
(4)Mayaro virus
(4)Semliki virus
(4)Sindbis virus
(3)Group B arboviruses
(4)Dengue virus
(4)Japanese B encephalitis virus
(4)Kyasanur forest disease virus
(4)Louping ill virus
(4)Murray valley encephalitis virus
(4)Omsk virus
(4)Russian spring summer encephalitis virus
(4)Saint Louis encephalitis virus
(4)West Nile virus
(4)Yellow fever virus
(3)Group C arboviruses
(4)Apeu viruses

(4)Marituba virus
(4)Oriboca virus
(3)Rabies virus
(3)Rift Valley fever virus
(3)Tickborne viruses
(2)Bacteriophages
(3)Coliphage
(2)Ebola virus
(2)Foot and mouth disease virus
(2)Hepatitis viruses
(3)Infectious hepatitis virus
(2)Herpetic viruses
(3)Cytomegalovirus
(3)Epstein Barr Virus
(3)Herpes simplex virus
(3)Monkey b virus
(2)Hog cholera virus
(2)Japanese encephalitis viruses
(3)Japanese B encephalitis virus
(2)Measles viruses
(3)Rubella
(2)Myxoviruses
(3)Influenza virus
(3)Mumps virus
(3)Newcastle disease virus
(3)Parainfluenza virus
(3)Sendai virus
(3)Swine influenza virus
(2)Picornaviruses
(3)Enteroviruses
(4)Coxsackie virus
(4)Echoviruses
(4)Polioviruses
(3)Foot and mouth disease virus
(3)Rhinoviruses
(2)Pox viruses
(3)Vaccinia virus
(3)Variola virus
(2)Reoviruses
(2)Retroviruses
(3)Human immunodeficiency viruses
(2)Rinderpest virus
(2)Sarcoma virus
(2)Thogoto virus
(2)Tobacco mosaic virus
(2)Vesicular viruses
(3)Vesicular exanthema
(3)Vesicular stomatitis

Migration
(1)Animal migration

Military force levels
(1)Air power
(1)Military downsizing
(2)Base closures
(1)Nuclear forces(Military)
(2)Nuclear proliferation

Military operations
(1)Air drop operations
(2)Parachute jumping
(1)Air Force operations
(1)Airmobile operations
(1)Amphibious operations
(2)Beach heads
(1)Army operations
(2)Truck convoys
(1)Coast Guard operations
(1)Combat patrols
(1)Counterforces(Military)
(1)Interdiction
(2)Area denial
(1)Joint military activities
(2)NATO Forces
(1)Loitering
(1)Maneuvers
(2)Patrolling
(2)Turning(Maneuvering)
(1)Marine Corps operations
(1)Military exercises
(1)Military formations
(1)Military history
(1)Naval operations
(2)Fleet exercises
(1)Operations other than war
(2)Demilitarization
(2)Peacekeeping
(1)Reconnaissance
(2)Aerial reconnaissance
(2)Electronic reconnaissance
(3)Radar reconnaissance
(2)Infrared reconnaissance
(2)Night reconnaissance
(2)Overflight
(2)Photographic reconnaissance
(3)Multiband spectral reconnaissance
(2)Tactical reconnaissance
(1)Theater level operations

Military research
(1)Air Force research
(1)Army research
(1)Coast Guard research
(1)Infrared research
(1)Militarily critical technologies
(1)Military critical technology
(1)Naval research

Minerals
(1)Asbestos
(1)Boehmite
(1)Carbonate minerals
(2)Aragonite
(2)Calcite
(2)Dolomite
(1)Cinnabar
(1)Clay minerals
(2)Fullers earth
(2)Kaolinite
(2)Montmorillonite
(2)Talc
(1)Ferromanganese minerals
(1)Gems(Minerals)
(2)Diamonds
(3)Diamond films
(2)Ruby
(2)Sapphire
(2)Spinel
(2)Spodumene

(3)Eucryptite
(2)Tourmaline
(1)Gypsum
(1)Mineral wool
(1)Obsidian
(1)Proustite
(1)Rock forming minerals
(2)Beryl
(2)Calcite
(2)Feldspar
(3)Plagioclase
(2)Garnet
(3)Yttrium aluminum garnet
(3)Yttrium iron garnet
(2)Graphite
(3)Graphitic foam
(3)Pyrolytic graphite
(2)Magnetite
(2)Mica
(2)Olivine
(2)Perovskites
(2)Quartz
(2)Rock salt
(2)Rutile
(2)Talc
(1)Synthetic stones

Miniaturization
(1)Microminiaturization
(2)Microform
(3)Microdots
(3)Microfiche
(3)Microfilm
(2)Microphotography
(1)Microsensors

Minorities
(1)African Americans
(1)American Indians

Missions
(1)Escort missions
(1)Ferrying missions
(1)Multimission
(1)Space missions

Mixing
(1)Blending
(1)Dissolving
(1)Miscibility

Mixtures
(1)Incendiary mixtures
(2)Incendiary gels
(2)Thermite
(1)Solutions(Mixtures)
(2)Aqueous solutions
(3)Saline solution
(2)Azeotropes
(2)Buffers(Chemistry)
(2)Electroplating solutions
(2)Saline solution
(2)Solid solutions
(2)Solutes
(3)Organic solutes
(2)Solvates
(2)Solvents
(3)Carbon removing compounds
(3)Organic solvents
(3)Paint removers
(3)Paint thinners

Mobility
(1)Carrier mobility
(1)Electron mobility
(1)Transportable

Mobilization
(1)Industrial mobilization

Models
(1)Aircraft models
(1)Anatomical models
(1)Atmosphere models
(2)Ionospheric models
(1)Brassboard models
(1)Breadboard models
(1)Dominance models
(1)Earth models
(2)Geoids
(2)Terrain models
(1)Flat plate models
(1)Free fall models
(1)Free flight models
(1)Geologic models
(1)Guided missile models
(1)Harbor models
(1)Hydraulic models
(1)Input output models
(1)Mathematical models
(2)Computerized simulation
(3)Analog simulation
(3)Combat simulation
(3)Digital simulation
(3)Distributed interactive simulation
(4)Collaborative virtual prototyping
(3)Hybrid simulation
(2)Economic models
(3)Cost models
(3)Obsolescence theory
(1)Model theory
(1)Nuclear models
(2)Nuclear shell models
(1)Ocean models
(1)Prototypes
(2)Production models
(1)Replicas
(1)Rocket models
(1)Scale models
(1)Ship models
(2)Submarine models
(1)Soil models
(1)Torpedo models
(1)Wind tunnel models

Modification
(1)Ionospheric modification
(1)Retrofitting
(1)Weather modification
(2)Antirain agents

(2)Artificial precipitation
(2)Cloud seeding
(2)Fog dispersal

Modulation
(1)Amplitude modulation
(1)Cross modulation
(1)Frequency modulation
(2)Sweep frequency techniques
(1)Intermodulation
(1)Noise modulation
(1)Phase modulation
(1)Pulse modulation
(2)Delta modulation
(2)Pulse amplitude modulation
(2)Pulse code modulation
(3)Differential pulse code modulation
(2)Pulse duration modulation
(2)Pulse frequency modulation
(2)Pulse position modulation
(2)Pulse spacing modulation

Modulators
(1)Frequency modulators
(1)Laser modulators
(1)Light modulators
(2)Kerr cells
(2)Pockels cells
(1)Magnetic modulators
(1)Modems

Molecular properties
(1)Ionic strength
(1)Molecular association
(1)Molecular dynamics
(1)Molecular energy levels
(1)Molecular isomerism
(1)Molecular rotation
(1)Molecular structure
(2)Molecular complexes
(2)Molecular orbitals
(3)Mindo molecular orbitals
(2)Molecular states
(3)Bose Einstein condensates
(2)Stereospecific polymers
(1)Molecular vibration
(1)Molecular weight
(1)Molecule molecule interactions
(2)Van der Waals forces

Molecules
(1)Biomolecules
(1)Diatomic molecules
(1)Macromolecules
(1)Polyatomic molecules

Moments
(1)Bending moments
(1)Dipole moments
(1)Electric moments
(2)Nuclear electric moments
(1)Magnetic moments
(2)Nuclear magnetic moments
(1)Method of moments
(1)Moment of inertia
(1)Nuclear moments
(2)Nuclear magnetic moments
(1)Quadrupole moment
(1)Torque

Momentum
(1)Angular momentum
(1)Momentum transfer

Monitoring
(1)Ice reporting
(1)Monitors
(2)Radiation monitors

Morale
(1)Awards

Morphology
(1)Geomorphology
(2)Glacial geology
(2)Orography
(2)Petrography
(2)Sedimentation
(2)Structural geology
(3)Faults(Geology)
(3)Folds(Geology)
(3)Geologic formation
(1)Morphology(Biology)
(2)Morphogenesis
(1)Polymorphism

Motion
(1)Angular motion
(2)Roll
(3)Ground roll(Aeronautics)
(4)Taxiing
(2)Rotation
(3)Autorotation
(3)Counterrotation
(2)Spinning(Motion)
(3)Precession
(2)Tumbling
(2)Twist(Motion)
(1)Atmospheric motion
(2)Anticyclones
(2)Atmospheric heave
(2)Atmospheric tides
(2)Clear air turbulence
(2)Cyclones
(3)Cyclogenesis
(3)Tropical cyclones
(4)Hurricanes
(4)Typhoons
(2)Wind
(3)Crosswinds
(3)Geostrophic wind
(3)Gusts
(3)Jet streams
(3)Monsoons
(3)Sea breeze
(3)Wind direction
(3)Wind velocity
(4)Wind shear
(1)Brownian motion
(1)Degrees of freedom

(1)Drift
(1)Ground motion
(1)Oscillation
(2)Gunn effect
(2)Plasma oscillation
(1)Pitch(Motion)
(1)Resonance
(2)Acoustic resonance
(2)Cyclotron resonance
(2)Electron nuclear double resonance
(2)Magnetic resonance
(3)Ferromagnetic resonance
(3)Nuclear magnetic resonance
(3)Paramagnetic resonance
(4)Electron paramagnetic resonance
(5)Electron spin resonance
(2)Spin resonance
(3)Electron spin resonance
(1)Shaking
(1)Shifting
(1)Ship motion
(1)Slewing
(1)Velocity
(2)Acceleration
(3)Angular acceleration
(3)Deceleration
(3)High acceleration
(3)Impact acceleration
(2)Acoustic velocity
(2)Escape velocity
(2)Flight speeds
(3)Airspeed
(3)Ground speed
(2)High velocity
(3)Hypersonic velocity
(2)Low velocity
(2)Mach number
(2)Muzzle velocity
(2)Radial velocity
(2)Seismic velocity
(2)Wind velocity
(3)Wind shear
(1)Vibration
(2)Flutter
(2)Jitter
(2)Modal analysis
(2)Molecular vibration
(2)Random vibration
(2)Strumming

Motors
(1)Electric motors
(2)Electric motor stators
(2)Induction motors
(1)Stepper motors
(1)Torpedo motors
(2)Torpedo turbines

Multichannel
(1)Dual channel

Multimode
(1)Dual mode

Multiplexing
(1)Frequency division multiplexing
(1)Time division multiplexing
(1)Wavelength division multiplexing

N

Nacelles
(1)Engine nacelles
(2)Jet engine nacelles

Nations
(1)Developing nations
(1)United Nations

Navigation
(1)Acoustic navigation
(1)Air navigation
(2)TACAN
(1)Autonomous navigation
(1)Celestial navigation
(1)Collision avoidance
(1)Dead reckoning
(1)Doppler navigation
(1)Inertial navigation
(1)Magnetic navigation
(1)Navigation reference
(1)Navigational aids
(2)Altimeters
(3)Radio altimeters
(2)Approach indicators
(2)Beacons
(3)Beacon lights
(3)Infrared beacons
(3)Radar beacons
(3)Radio beacons
(3)Rescue beacons
(4)Air sea rescue beacons
(3)Sonar beacons
(2)Compasses
(3)Gyro compasses
(3)Peloruses
(3)Radio compasses
(2)Course indicators
(3)Driftmeters
(2)Driftmeters
(2)Flight speed indicators
(3)Airspeed indicators
(4)Stall warning indicators
(3)Ground speed indicators
(3)Machmeters
(3)Rate of climb indicators
(3)Rate of descent indicators
(2)Fog signals
(2)Ground position indicators
(2)Horizontal indicators
(2)Lightships
(2)Navigation charts
(2)Navigation computers
(2)Navigation satellites
(2)Navigational lights

(3)Approach lights
(3)Beacon lights
(3)Lighthouses
(3)Marker lights
(2)Sextants
(3)Periscopic sextants
(2)Vertical indicators
(3)Vertical gust recorders
(3)Vertical speed indicators
(2)Yawmeters
(1)Position finding
(2)Depth finding
(2)Direction finding
(3)Direction finding stations
(3)Radio direction finders
(2)Global positioning system
(2)Height finding
(3)Barometers
(3)Hypsometers
(3)Metacentric height
(3)Stereoscopic height finding
(2)SHORAN
(1)Proportional navigation
(1)Radar navigation
(1)Radio navigation
(2)Hyperbolic navigation
(3)LORAN
(3)Omega navigation
(3)SHORAN
(2)Radio ranges
(2)TACAN
(1)Seakeeping
(1)Space navigation
(1)Surface navigation
(1)Terrain avoidance
(1)Terrain following
(1)Underwater navigation

Negotiations
(1)Arbitration
(1)Bargaining
(1)Mediation
(1)Political negotiations

Networks
(1)Circuits
(2)Cathode followers
(2)Circuit analysis
(2)Circuit boards
(3)Panel boards(Electricity)
(3)Printed circuit boards
(2)Coupling circuits
(2)Delay circuits
(2)Differentiating circuits
(2)Equivalent circuits
(2)Flat pack circuits
(2)Gates(Circuits)
(3)Logic circuits
(4)Diode transistor logic
(4)Fan out circuits
(4)Flip flop circuits
(4)Matrices(Circuits)
(4)Nand gates
(4)Nor gates
(4)Order circuits
(4)Switching logic
(4)Transistor transistor logic
(2)Hybrid circuits
(2)Ignition circuits
(2)Inverter circuits
(2)Limiter circuits
(3)Clipper circuits
(2)Magnetic circuits
(2)Microcircuits
(3)Microoptical circuits
(2)Micropower circuits
(2)Multivibrators
(2)Negative resistance circuits
(2)Optical circuits
(3)Microoptical circuits
(3)Optical interconnections
(2)Packaged circuits
(2)Phase shift circuits
(3)Gyrators
(2)Printed circuits
(3)Integrated circuits
(4)Large scale integration
(4)Very large scale integration
(3)Printed circuit boards
(2)Registers(Circuits)
(3)Shift registers
(4)Digital combiners
(2)Scalers
(2)Short circuits
(2)Slow wave circuits
(2)Switching circuits
(3)Switchboards
(3)Switching logic
(2)Telecommunication circuits
(2)Timing circuits
(2)Trigger circuits
(2)Tuned circuits
(3)Parametrons
(3)Tuned filters
(1)Communications networks
(2)Automatic voice network
(2)Local area networks
(3)Intranet
(2)Wide area networks
(3)Internet
(4)Internet browsers
(1)Computer networks
(2)Client server systems
(2)Computer gateways
(2)Local area networks
(3)Intranet
(2)Network architecture
(2)Network topology
(2)Wide area networks
(3)Internet
(4)Internet browsers
(1)Electrical networks
(2)Three terminal networks
(1)Microwave networks
(1)Neural nets
(1)Satellite networks
(1)Video networks

Noise
(1)Ambient noise
(2)Background noise
(1)Gaussian noise
(1)Impulse noise
(1)Low noise
(1)Noise(Electrical and electromagnetic)
(2)Noise(Radar)
(2)Noise(Radio)
(1)Noise(Radio)
(1)Noise(Sound)
(2)Aerodynamic noise
(3)Sonic boom
(2)Aircraft noise
(3)Jet aircraft noise
(2)Cavitation noise
(2)Combat noise
(2)Engine noise
(3)Aircraft engine noise
(3)Internal combustion engine noise
(3)Jet engine noise
(3)Rocket engine noise
(2)Flow noise
(2)Industrial noise
(3)Machinery noise
(4)Compressor noise
(4)Electric motor noise
(4)Gear noise
(2)Marine biological noise
(2)Propeller noise
(2)Quiet
(2)Self noise
(2)Ship noise
(2)Submarine noise
(2)Torpedo noise
(1)Radiated noise
(1)White noise

Noses
(1)Aircraft noses
(1)Nose(Anatomy)
(1)Nose caps
(1)Nose cones
(1)Nose tips
(1)Rocket noses

Nozzles
(1)Annular nozzles
(1)Bell nozzles
(1)Canted nozzles
(1)Conical nozzles
(1)Convergent divergent nozzles
(1)Double expansion nozzles
(1)Exhaust nozzles
(2)Rocket nozzles
(2)Thrust augmentor nozzles
(2)Turbojet exhaust nozzles
(2)Turboprop exhaust nozzles
(1)Fuel nozzles
(1)Gas turbine nozzles
(1)Hypersonic nozzles
(1)Laval nozzles
(1)Movable nozzles
(1)Nozzle area ratio
(1)Nozzle clusters
(1)Nozzle inserts
(1)Nozzle throats
(2)Nozzle inserts
(1)Plug nozzles
(1)Ramjet engine nozzles
(1)Spray nozzles
(1)Subsonic nozzles
(1)Supersonic nozzles
(1)Transonic nozzles
(1)Unconventional nozzles
(1)Variable area nozzles
(1)Wind tunnel nozzles

Nuclear particles
(1)Alpha particles
(1)Deuterons
(1)Elementary particles
(2)Antiparticles
(3)Antiprotons
(3)Positrons
(2)Baryons
(3)Hyperons
(4)Sigma hyperons
(4)V particles
(4)Xi hyperons
(3)Nucleons
(4)Antiprotons
(4)Neutrons
(5)Fast neutrons
(5)Fission neutrons
(6)Prompt neutrons
(5)Thermal neutrons
(4)Protons
(2)Bosons
(3)Heavy bosons
(4)K mesons
(4)Pions
(3)Mesons
(4)K mesons
(4)Muons
(4)Pions
(3)Photons
(2)Excitons
(2)Fermions
(3)Electrons
(4)Auger electrons
(4)Beta particles
(4)Electron gas
(4)Free electrons
(4)Photoelectrons
(4)Relativistic electrons
(3)Hyperons
(4)Sigma hyperons
(4)V particles
(4)Xi hyperons
(3)Leptons
(4)Beta particles
(4)Muons
(4)Neutrinos
(4)Positrons
(3)Nucleons
(4)Antiprotons
(4)Neutrons
(5)Fast neutrons
(5)Fission neutrons

(6)Prompt neutrons
(5)Thermal neutrons
(4)Protons
(3)Positrons
(2)Magnons
(2)Quarks
(2)Regge poles
(2)Strange particles
(3)Hyperons
(4)Sigma hyperons
(4)V particles
(4)Xi hyperons
(3)K mesons
(1)Tritons

Nuclear properties
(1)Multipolarity
(1)Nuclear cross sections
(2)Absorption cross sections
(3)Radiative capture cross sections
(2)Alpha cross sections
(2)Deuteron cross sections
(2)Electron nuclear cross sections
(2)Gamma ray cross sections
(2)Meson cross sections
(2)Neutron cross sections
(2)Photon cross sections
(2)Proton cross sections
(2)Scattering cross sections
(3)Born approximations
(3)Differential cross sections
(1)Nuclear moments
(2)Nuclear magnetic moments
(1)Nuclear quadrupole resonance
(1)Nuclear resonance
(2)Nuclear magnetic resonance
(1)Nuclear spins
(1)Nuclear structure
(2)Nuclear binding energy
(3)Nuclear forces(Physics)
(2)Nuclear energy levels
(2)Nuclear models
(3)Nuclear shell models

Nuclear reactions
(1)Alpha particle reactions
(1)Beta particle reactions
(1)Chain reactions
(1)Deuteron reactions
(2)Deuteron capture
(1)Electron scattering
(1)Meson reactions
(2)Meson bombardment
(2)Meson capture
(2)Meson scattering
(1)Neutron reactions
(2)Fission
(2)Neutron absorption
(3)Neutron activation
(2)Neutron capture
(2)Neutron scattering
(1)Nuclear fusion
(2)Controlled nuclear fusion
(3)Laser induced fusion
(3)Tokamaks
(1)Nuclear scattering
(2)Coherent scattering
(2)Gamma ray scattering
(3)Compton scattering
(3)Delbruck scattering
(3)Nuclear fluorescent scattering
(2)Incoherent scattering
(2)Inelastic scattering
(2)Meson scattering
(2)Neutron scattering
(2)Potential scattering
(2)Proton scattering
(2)Resonance scattering
(1)Nuclear transmutation
(1)Pair production
(1)Photonuclear reactions
(2)Annihilation reactions
(3)Annihilation radiation
(2)Gamma neutron reactions
(2)Gamma proton reactions
(1)Proton reactions
(2)Proton capture
(2)Proton scattering
(1)Radioactive decay
(2)Alpha decay
(2)Beta decay
(3)Electron capture
(2)Decay schemes
(2)Internal conversion
(1)Thermonuclear reactions

Nuclear reactors
(1)Boiling water reactors
(1)Circulating fuel reactors
(1)Confinement(Nuclear reactors)
(1)Containment(Nuclear reactors)
(1)Critical assemblies
(1)Enriched fuel reactors
(1)Fast reactors
(1)Gas cooled reactors
(1)Graphite moderated reactors
(2)Sodium graphite reactors
(1)Heavy water reactors
(1)Heterogeneous reactors
(2)Sodium graphite reactors
(1)Homogeneous reactors
(1)Light water reactors
(2)Pressurized water reactors
(1)Liquid metal cooled reactors
(2)Sodium graphite reactors
(1)Molten salt nuclear reactors
(1)Organic cooled reactors
(1)Organic moderated reactors
(1)Production reactors
(2)Breeder reactors
(1)Research reactors
(1)Subcritical assemblies
(1)Test reactors
(1)Thermal reactors
(1)Tokamaks

Nucleation
(1)Cloud seeding

Nuclei
(1)Even even nuclei
(1)Even odd nuclei
(1)Nuclear isobars
(1)Nuclear isomers
(1)Nuclides
(2)Isotopes
(3)Isotope effect
(3)Radioactive isotopes
(4)Radium
(4)Tritium
(5)Tritiated compounds
(3)Stable isotopes
(4)Deuterium
(1)Odd even nuclei
(2)Tritium
(3)Tritiated compounds
(1)Odd odd nuclei
(2)Deuterium

Nucleotidyl transferases
(1)Ribonuclease

Nutrition
(1)Malnutrition

O

Oceanographic equipment
(1)Bathythermographs
(1)Buoys
(2)Communication buoys
(2)Mooring buoys
(2)Sonobuoys
(2)Spar buoys
(1)Electrokinetographs
(1)Salinometers

Office equipment and supplies
(1)Calculators
(1)Typewriters
(2)Teletypewriters

Oils
(1)Crude oil
(2)Oil shales
(2)Shale oil
(1)Fish oils
(1)Fuel oil
(1)Lubricating oils
(2)Aircraft engine oils
(1)Mineral oils
(1)Oil products
(2)Petroleum products
(3)Crude oil
(4)Oil shales
(4)Shale oil
(3)Diesel fuels
(3)Fuel oil
(3)Gasoline
(4)Aviation gasoline
(3)Kerosene
(3)Natural gas
(4)Liquefied natural gas
(1)Vegetable oils
(2)Peanut oil

Onboard
(1)Shipboard

One dimensional
(1)One dimensional flow

Openings
(1)Hatches
(1)Holes(Openings)
(2)Boreholes
(2)Bores
(2)Cavities
(3)Boreholes
(2)Perforation
(2)Slots
(3)Aerodynamic slots
(4)Suction slots
(4)Wing slots
(3)Slot lines
(3)Waveguide slots
(1)Ice openings
(1)Inlets
(2)Air intakes
(3)Carburetor air scoops
(3)Supersonic inlets
(2)Duct inlets
(2)Ingestion(Engines)
(2)Inlet shrouds
(2)Jet engine inlets
(3)Ramjet inlets
(3)Turbojet inlets
(2)Wing inlets
(1)Orifices
(1)Ports(Openings)
(1)Windows
(2)Acoustic windows
(2)Atmospheric windows
(2)Guided missile windows
(2)Infrared windows

Operation
(1)Manual operation
(2)Control sticks
(1)Multiple operation
(2)Multimission

Optical analysis
(1)Diffraction analysis
(1)Microscopy
(2)Electron microscopy
(2)Field ion microscopy

Optical equipment
(1)Binoculars
(2)Infrared binoculars
(1)Collimators
(1)Colorimeters
(1)Cystoscopes
(1)Infrared equipment

(2)Forward looking infrared systems
(2)Infrared beacons
(2)Infrared binoculars
(2)Infrared cameras
(2)Infrared decoys
(2)Infrared detectors
(2)Infrared domes
(2)Infrared film
(2)Infrared filters
(2)Infrared flares
(2)Infrared fuzes
(2)Infrared image tubes
(3)Thermicons
(2)Infrared lamps
(2)Infrared lasers
(3)Carbon dioxide lasers
(2)Infrared optical systems
(3)Infrared binoculars
(3)Infrared telescopes
(3)Sniperscopes
(2)Infrared photoconductors
(2)Infrared photoelectric cells
(2)Infrared receivers
(2)Infrared spectrometers
(2)Infrared spectrophotometers
(2)Infrared telescopes
(2)Infrared transmitters
(2)Infrared windows
(2)Long path infrared equipment
(2)Sniperscopes
(2)Thermovision
(1)Light amplifiers
(2)Lasers
(3)Chemical lasers
(3)Continuous wave lasers
(3)Electrical lasers
(3)Excimers
(4)Oxygen iodine lasers
(3)Free electron lasers
(3)Gas lasers
(4)Argon lasers
(4)Carbon dioxide lasers
(4)Carbon monoxide lasers
(4)Gas dynamic lasers
(4)Helium cadmium lasers
(4)Helium neon lasers
(4)Hydrogen chloride lasers
(4)Hydrogen fluoride lasers
(4)Nitrogen lasers
(4)TEA lasers
(4)Xenon lasers
(3)High energy lasers
(3)Infrared lasers
(4)Carbon dioxide lasers
(3)Injection lasers
(3)Laser applications
(4)Laser induced fluorescence
(4)Laser induced fusion
(4)Laser medical diagnosis
(4)Laser spectroscopy
(4)Laser welding
(3)Laser arrays
(3)Laser components
(4)Laser amplifiers
(4)Laser mirrors
(3)Laser weapons
(3)Liquid lasers
(4)Dye lasers
(3)Mode locked lasers
(3)Molecular lasers
(3)Photorecombination lasers
(3)Pulsed lasers
(3)Ring lasers
(3)Solid state lasers
(4)Glass lasers
(5)Neodymium lasers
(4)Ruby lasers
(4)Semiconductor lasers
(5)Diode lasers
(5)Gallium arsenide lasers
(4)Vertical cavity surface emitting lasers
(4)YAG lasers
(3)Spin flip lasers
(3)Tunable lasers
(3)Ultraviolet lasers
(3)X ray lasers
(1)Microscopes
(2)Acoustic microscopes
(2)Electron microscopes
(3)Scanning electron microscopes
(1)Night vision devices
(2)Night sights
(1)Optical detectors
(2)Infrared detectors
(2)Photodetectors
(2)Ultraviolet detectors
(1)Optical equipment components
(2)Infrared windows
(2)Laser mirrors
(2)Mirrors
(3)Coelostats
(3)Deformable mirrors
(2)Optical filters
(3)Infrared filters
(3)Optical limiters
(3)Photographic filters
(3)Ultraviolet filters
(2)Optical lenses
(3)Camera lenses
(4)Afocal optical lenses
(4)Aspherical lenses
(4)Folded optical lenses
(5)Cassegrainian optical systems
(6)Cassegrain telescopes
(4)Telephoto lenses
(5)Zoom lenses
(3)Contact lenses
(3)Eyeglasses
(3)Folded optical lenses
(4)Cassegrainian optical systems
(5)Cassegrain telescopes
(3)Fresnel lenses
(3)Telescope lenses
(2)Prisms(Optics)
(2)Reticles
(1)Optical instruments
(2)Borescopes
(2)Nephelometers
(2)Optical interferometers
(3)Fabry Perot interferometers

(3)Michelson interferometers
(2)Optometers
(2)Photometers
(3)Exposure meters
(3)Fluorometers
(3)Hydrophotometers
(3)Microphotometers
(2)Polariscopes
(2)Radiometers
(3)Spectroradiometers
(2)Reflectometers
(2)Refractometers
(2)Spectrum analyzers
(3)Spectrophotometers
(4)Infrared spectrophotometers
(4)Ultraviolet spectrophotometers
(2)Spherometers
(1)Periscopes
(2)Periscopic gun sights
(3)Reflex sights
(2)Periscopic sextants
(2)Submarine periscopes
(1)Photographic equipment
(2)Cameras
(3)Aerial cameras
(4)Continuous strip cameras
(4)Topographic cameras
(3)All sky cameras
(3)Astronomical cameras
(4)Spectroheliographs
(3)Ballistic cameras
(3)Camera components
(4)Camera controls
(5)Image motion compensation
(4)Camera lenses
(5)Afocal optical lenses
(5)Aspherical lenses
(5)Folded optical lenses
(6)Cassegrainian optical systems
(7)Cassegrain telescopes
(5)Telephoto lenses
(6)Zoom lenses
(4)Camera magazines
(5)Film transport systems
(4)Camera shutters
(4)Camera viewfinders
(4)Exposure meters
(4)Photographic lighting systems
(5)Electronic photoflash equipment
(6)Photoflash lamps
(5)Photoflash ammunition
(6)Photoflash bombs
(6)Photoflash cartridges
(6)Photoflash projectiles
(4)Photographic windows
(4)Viewfinders
(3)Copying cameras
(3)Digital cameras
(3)Gun sight cameras
(3)High speed cameras
(4)Rotating drum cameras
(4)Rotating mirror cameras
(4)Rotating prism cameras
(4)Streak cameras
(3)Infrared cameras
(3)Medical cameras
(3)Motion picture cameras
(3)Panoramic cameras
(3)Photofluorographic cameras
(3)Radar recording cameras
(3)Reconnaissance cameras
(3)Sonic cameras
(3)Spacecraft cameras
(3)Spectrographic cameras
(3)Stereoscopic cameras
(3)Television cameras
(3)Tracking cameras
(3)Underwater cameras
(3)Wide field cameras
(3)X ray diffraction cameras
(2)Film readers
(2)Photographic filters
(2)Photographic processing equipment
(3)Photographic driers
(3)Photographic printers
(4)Contact printers
(4)Projection printers
(5)Photographic rectifiers
(3)Photographic processors
(4)Projection printers
(5)Photographic rectifiers
(2)Photographic projectors
(3)Motion picture projectors
(4)Sound motion picture projectors
(3)Stereoscopic projectors
(3)Still projectors
(2)Shutters(Optics)
(3)Camera shutters
(3)Kerr cells
(2)Stereoscopic mapping instruments
(3)Stereoscopic map plotters
(1)Polarizers
(1)Reflectoscopes
(1)Stereoscopes
(1)Stroboscopes
(1)Telescopes
(2)Infrared telescopes
(2)Photoheliographs
(2)Radio telescopes
(2)Tracking telescopes
(3)Heliostats
(1)Theodolites
(2)Gyrotheodolites
(2)Phototheodolites
(1)Ultraviolet equipment
(2)Ultraviolet detectors
(2)Ultraviolet filters
(2)Ultraviolet lamps
(2)Ultraviolet lasers
(2)Ultraviolet receivers

Optics
(1)Acoustooptics
(1)Adaptive optics
(2)Phase conjugation
(1)Electron optics
(2)Electron lenses
(1)Electrooptics
(1)Fiber optics
(1)Integrated optics

(1)Magnetooptics
(2)Kerr magnetooptical effect
(1)Microwave optics
(1)Nonlinear optics
(2)Birefringence
(1)Optical data
(1)Optical phenomena
(2)Beam forming
(2)Beam steering
(2)Fresnel zones
(2)Illumination
(2)Infrared phenomena
(3)Infrared images
(3)Infrared radiation
(4)Far infrared radiation
(4)Infrared pulses
(4)Intermediate infrared radiation
(4)Near infrared radiation
(2)Light
(3)Airglow
(3)Cerenkov radiation
(3)Daylight
(4)Day
(4)Sunlight
(4)Twilight
(3)Earthshine
(3)Light pulses
(4)Light transmission
(5)Dichroism
(5)Rayleigh scattering
(4)Photon bombardment
(3)Low light levels
(4)Moonlight
(4)Starlight
(5)Zodiacal light
(6)Gegenschein
(4)Twilight
(3)Monochromatic light
(3)Underwater light
(3)White light
(3)Zodiacal light
(4)Gegenschein
(2)Luminescence
(3)Bioluminescence
(3)Cathodoluminescence
(3)Chemiluminescence
(3)Electroluminescence
(3)Fluorescence
(4)Fluorescent dyes
(4)Laser induced fluorescence
(3)Incandescence
(3)Phosphorescence
(3)Photoluminescence
(3)Radioluminescence
(3)Thermal luminescence
(3)Thermoluminescence
(3)X ray luminescence
(2)Optical images
(3)Infrared images
(3)Interferograms
(2)Optical retroreflection
(2)Ultraviolet radiation
(3)Far ultraviolet radiation
(4)Vacuum ultraviolet radiation
(3)Near ultraviolet radiation
(3)Solar ultraviolet radiation
(1)Optical warfare
(1)Quantum optics

Ordnance
(1)Ammunition
(2)Aircraft ammunition
(2)Ammunition components
(3)Ammunition fragments
(3)Bursting charges
(3)Cartridge cases
(4)Combustible cartridge cases
(3)Depth charge components
(3)Explosive trains
(4)Boosters(Explosives)
(5)Mine boosters
(4)Delay elements(Explosive)
(4)Explosive actuators
(5)Propellant actuated devices
(6)Cartridges(Pad)
(4)Explosives initiators
(5)Detonators
(6)Electric detonators
(5)Primers
(6)Electric primers
(3)Firing mechanisms(Ammunition)
(4)Arming devices
(5)Arming sequence
(4)Fuzes(Ordnance)
(5)Bomb fuzes
(6)Tail fuzes
(5)Electric fuzes(Ordnance)
(5)Electromagnetic fuzes
(6)Infrared fuzes
(6)Optical fuzes
(5)Exploders
(6)Torpedo exploders
(5)Fuze functioning elements
(6)Arming devices
(7)Arming sequence
(6)Clock delay mechanisms
(6)Fuze setters
(6)Primer cups
(6)Setback(Fuzes)
(5)Grenade fuzes
(5)Guided missile fuzes
(5)Impact fuzes
(6)Base detonating fuzes
(6)Point detonating fuzes
(5)Mechanical fuzes
(5)Mine fuzes
(5)Miniature fuzes
(5)Mortar fuzes
(5)Nose fuzes
(5)Point detonating fuzes
(5)Point initiating fuzes
(5)Projectile fuzes
(5)Proximity fuzes
(6)Electrostatic fuzes
(6)Hydrostatic fuzes
(6)Magnetic fuzes
(6)Radio proximity fuzes
(5)Rocket fuzes
(5)Safety fuses
(5)Self destroying fuzes

(5)Superquick fuzes
(5)Time fuzes
(6)Time delay fuzes
(3)Kill mechanisms
(3)Powder bags
(3)Projectile components
(4)Projectile caps
(4)Projectile cases
(4)Projectile fuzes
(4)Projectile noses
(3)Rotating bands
(2)Antiaircraft ammunition
(2)Antiarmor ammunition
(3)Antitank ammunition
(3)Armor piercing ammunition
(2)Antimateriel ammunition
(2)Antipersonnel ammunition
(3)Antipersonnel mines
(3)Canister projectiles
(2)Antiship ammunition
(3)Antiship missiles
(3)Antisubmarine ammunition
(4)Antisubmarine missiles
(4)Depth bombs
(4)Depth charges
(5)Depth charge components
(3)Torpedoes
(4)Acoustic torpedoes
(4)Aircraft torpedoes
(4)Antitorpedo torpedoes
(4)Homing torpedoes
(4)Quiet torpedoes
(4)Torpedo components
(5)Torpedo exploders
(5)Torpedo motors
(6)Torpedo turbines
(5)Torpedo propellants
(5)Torpedo warheads
(2)Artillery ammunition
(2)Cartridges
(3)Cartridges(Pad)
(3)Photoflash cartridges
(2)Caseless ammunition
(2)Fin stabilized ammunition
(2)Fragmentation ammunition
(3)Canister projectiles
(3)Fragmentation warheads
(2)Grenades
(3)Illuminating grenades
(2)High explosive ammunition
(2)Incendiary ammunition
(3)Incendiary bombs
(4)Firebombs
(5)Napalm bombs
(3)Incendiary projectiles
(2)Linkless ammunition
(2)Mortar ammunition
(2)Photoflash ammunition
(3)Photoflash bombs
(3)Photoflash cartridges
(3)Photoflash projectiles
(2)Projectiles
(3)Ball ammunition
(3)Canister projectiles
(3)Chemical projectiles
(3)Deformable projectiles
(3)Extended range projectiles
(3)Guided projectiles
(3)High capacity projectiles
(3)Hypervelocity projectiles
(3)Illuminating projectiles
(3)Incendiary projectiles
(3)Kinetic energy projectiles
(3)Liquid filled projectiles
(3)Photoflash projectiles
(3)Projectile components
(4)Projectile caps
(4)Projectile cases
(4)Projectile fuzes
(4)Projectile noses
(3)Rocket assisted projectiles
(3)Sabot projectiles
(3)Smoke projectiles
(3)Subcaliber projectiles
(3)Underwater projectiles
(3)Window projectiles
(2)Small arms ammunition
(2)Spin stabilized ammunition
(3)Flechettes
(3)Spin stabilized rockets
(2)Spotting rounds
(2)Tracer ammunition
(2)Training ammunition
(3)Practice bombs
(2)Unexploded ammunition
(1)Ammunition belt links
(1)Armor
(2)Armor plate
(2)Body armor
(2)Composite armor
(2)Radiological armor
(2)Reactive armor
(2)Rolled homogeneous armor
(2)Spaced armor
(2)Vehicular armor
(1)Bombs
(2)Biological bombs
(2)Bomb auxiliary equipment
(3)Bomb bays
(3)Bomb carriers
(3)Bomb ejectors
(3)Bomb handling vehicles
(4)Bomb trucks
(3)Bomb hoists
(3)Bomb racks
(4)Triple ejection racks
(3)Bomb skids
(2)Bomb clusters
(2)Bomb components
(3)Bomb cases
(3)Bomb fins
(3)Bomb fuzes
(4)Tail fuzes
(2)Bomblets
(2)Chemical bombs
(2)Depth bombs
(2)General purpose bombs
(2)Glide bombs
(2)Guided bombs
(2)Incendiary bombs

(3)Firebombs
(4)Napalm bombs
(2)Leaflet bombs
(2)Nuclear bombs
(2)Photoflash bombs
(2)Practice bombs
(2)Smoke bombs
(1)Chemical ordnance
(1)Fire control systems
(2)Aircraft fire control systems
(2)Antiaircraft fire control systems
(2)Antisubmarine fire control systems
(2)Cueing
(2)Fire control system components
(3)Bomb directors
(3)Bomb ejectors
(3)Fire control computers
(4)Bombing computers
(4)Impact computers
(4)Parallax computers
(4)Radar range computers
(4)Torpedo data computers
(3)Fire control radar
(3)Firing error indicators
(3)Gun directors
(4)Elevating gear
(4)Training gear
(3)Sights
(4)Bombsights
(4)Boresighting
(4)Gun sights
(5)Gyroscopic sights
(5)Illuminated sights
(5)Optical sights
(6)Periscopic gun sights
(7)Reflex sights
(6)Telescopic gun sights
(5)Radar gun sights
(5)Sniperscopes
(4)Night sights
(4)Rocket sights
(3)Target lead indicators
(3)Target position indicators
(1)Guns
(2)Air guns
(2)Aircraft guns
(2)Antiaircraft guns
(2)Antitank guns
(2)Dual purpose guns
(2)Electric guns
(3)Electromagnetic guns
(3)Electrothermal chemical guns
(2)Gas guns
(3)Light gas guns
(2)Gun components
(3)Ammunition feed mechanisms
(3)Breech mechanisms
(3)Cartridge case extractors
(3)Elevating gear
(3)Firing mechanisms(Weapon)
(4)Electric trigger controls
(4)Firing pins
(3)Gun barrels
(4)Gun barrel attachments
(5)Gun sights
(6)Gyroscopic sights
(6)Illuminated sights
(6)Optical sights
(7)Periscopic gun sights
(8)Reflex sights
(7)Telescopic gun sights
(6)Radar gun sights
(6)Sniperscopes
(5)Muzzle brakes
(4)Rifling
(3)Gun chambers
(3)Gun chargers
(3)Gun mounts
(3)Gun muzzles
(3)Link chutes
(3)Recoil mechanisms
(3)Reflex collimators
(3)Rounds counters
(3)Silencers(Ordnance)
(3)Training gear
(3)Traversing mechanisms
(2)Howitzers
(2)Hypervelocity guns
(3)Ram accelerators
(2)Liquid propellant guns
(2)Mortars
(2)Naval guns
(2)Recoilless guns
(2)Self propelled guns
(2)Small arms
(3)Pistols
(3)Rifles
(4)Rifle grenade launchers
(3)Semiautomatic weapons
(3)Shotguns
(3)Spotting rifles
(3)Submachine guns
(2)Tank guns
(2)Water cannons
(1)Mines(Ordnance)
(2)Aerial mines
(2)Captor mines
(2)Contact mines
(2)Controlled mines
(2)Influence mines
(3)Acoustic mines
(3)Magnetic mines
(3)Pressure mines
(2)Land mines
(3)Antipersonnel mines
(3)Antitank mines
(3)Fougasse
(2)Mine components
(3)Mine batteries
(3)Mine boosters
(3)Mine cases
(3)Mine fuzes
(3)Mine sterilizers
(2)Naval mines
(3)Antisweep mines
(3)Towed mines
(3)Underwater mines
(4)Magnetic mines
(4)Moored mines
(1)Projectors(Ordnance)

(2)Antisubmarine weapon projectors
(2)Pyrotechnic projectors
(2)Rocket launchers
(3)Bazookas
(2)Torpedo launchers
(1)Smoke munitions
(2)Smoke bombs
(2)Smoke projectiles
(1)Submunitions
(1)Target activated munitions
(1)Underwater ordnance
(2)Depth bombs
(2)Depth charges
(3)Depth charge components
(2)Underwater mines
(3)Magnetic mines
(3)Moored mines
(1)Warheads
(2)Cluster warheads
(2)Continuous rod warheads
(2)Exercise heads
(2)Explosive warheads
(2)Fragmentation warheads
(2)Guided missile warheads
(3)Kill vehicles
(2)Nuclear warheads
(2)Rocket warheads
(2)Shaped charge warheads
(2)Torpedo warheads
(1)Weapons
(2)Advanced weapons
(3)Fire and forget weapons
(2)Antiaircraft weapons
(3)Antiaircraft guns
(3)Antiaircraft missiles
(2)Antipersonnel weapons
(3)Antipersonnel ammunition
(4)Antipersonnel mines
(4)Canister projectiles
(3)Booby traps
(2)Antisubmarine weapons
(3)Antisubmarine missiles
(3)Depth bombs
(3)Depth charges
(4)Depth charge components
(2)Antitank weapons
(3)Antitank guns
(3)Antitank missiles
(2)Antivehicle weapons
(2)Artillery
(3)Artillery rockets
(3)Howitzers
(3)Self propelled guns
(3)Spotting rifles
(2)Automatic weapons
(3)Machine guns
(4)Gatling guns
(4)Submachine guns
(2)Cluster weapons
(2)Flame weapons
(3)Flamethrowers
(2)Free fall weapons
(3)Free fall missiles
(2)Guided weapons
(3)Fire and forget weapons
(3)Guided bombs
(3)Guided projectiles
(3)Smart weapons
(2)Hypervelocity weapons
(3)Hypervelocity guns
(4)Ram accelerators
(2)Limpet weapons
(2)Mass destruction weapons
(2)Nonlethal weapons
(2)Nuclear weapons
(3)Atomic demolition munitions
(3)Fission weapons
(3)Fusion weapons
(3)Nuclear bombs
(3)Nuclear warheads
(3)Salvage fuzing
(2)Optical weapons
(2)Quiet weapons
(2)Space weapons
(2)Strategic weapons
(2)Tactical weapons
(3)Shoulder launched weapons
(2)Unconventional weapons
(2)Weapon mixes
(2)Weapon systems
(3)Radiation weapons
(4)Directed energy weapons
(5)Laser weapons
(5)Particle beam weapons
(3)Weapon system effectiveness
(4)Hit probabilities
(4)Interception probabilities
(5)Circular error probable
(5)Hit probabilities
(5)Miss distance
(4)Kill probabilities
(2)Weapons effects
(3)Antipersonnel effects
(3)Collateral damage
(3)Wound ballistics

Ores(Metal sources)
(1)Cinnabar
(1)Hematite
(1)Magnetite
(1)Monazite
(1)Proustite
(1)Pyrargyrite
(1)Pyrite

Ores(Nonmetallic)
(1)Coal
(2)Anthracite
(2)Bituminous coal
(2)Char oil
(1)Corundum
(2)Ruby
(2)Sapphire
(1)Feldspar
(2)Plagioclase
(1)Gypsum
(1)Pyrite
(1)Quartz
(1)Sand
(2)Grit

(1)Talc

Organic compounds
(1)Alcohols
(2)Butanols
(2)Carbinols
(2)Cortisol
(2)Cyclohexanols
(2)Ethanols
(2)Glycerols
(2)Glycols
(3)Ethylene glycol
(3)Propylene glycol
(2)Methanols
(2)Octol
(2)Pentanols
(2)Propanols
(2)Sugar alcohols
(3)Mannitol
(2)Vinyl alcohol
(3)Polyvinyl alcohol
(1)Aldehydes
(2)Acetaldehyde
(2)Acroleins
(2)Benzaldehydes
(2)Formaldehyde
(2)Furaldehydes
(1)Aliphatic compounds
(2)Aliphatic hydrocarbons
(2)Hydrazines
(3)Aerozine
(3)Hydrazine derivatives
(4)Methyl hydrazines
(5)Dimethylhydrazines
(1)Ammonium compounds
(2)Ammino compounds
(2)Ammonium nitrate
(3)Amatol
(2)Ammonium perchlorate
(2)Hexamethonium compounds
(1)Aromatic compounds
(2)Aromatic hydrocarbons
(3)Anthracenes
(3)Benzene
(4)Hexafluorobenzene
(4)Nitrobenzenes
(3)Benzene compounds
(4)Azobenzenes
(4)Chlorobenzene
(3)Biphenyl
(4)Polychlorinated biphenyls
(4)Rubrenes
(3)Cumenes
(3)Fluorenes
(3)Naphthalenes
(3)Phenanthrenes
(3)Styrenes
(3)Toluenes
(4)Nitrotoluenes
(5)Amatol
(5)DNT
(5)TNT
(3)Xylenes
(2)Phenols
(3)Bromphenol blue
(3)Cannabinols
(3)Catecholamines
(4)Dopamine
(4)Epinephrine
(5)Norepinephrine
(3)Nitrophenols
(4)Styphnates
(3)Polyphenylenes
(3)Resorcinol
(1)Benzoin
(1)Carbenes
(1)Carbohydrates
(2)Glycosides
(3)Glycoside hydrolases
(4)Cellulase
(4)Glycosidases
(4)Muramidase
(2)Polysaccharides
(3)Alginic acid
(3)Carboxymethylcellulose
(3)Cellulose
(3)Chitin
(3)Dextran
(3)Dextrins
(3)Glycogen
(3)Inulin
(3)Lipopolysaccharides
(3)Mucopolysaccharides
(4)Chondroitin
(4)Sialic acids
(3)Pectins
(3)Starches
(3)Sugar acids
(4)Uronic acids
(5)Alginic acid
(2)Sugars
(3)Disaccharides
(4)Lactose
(4)Sucrose
(4)Trehalose
(3)Monosaccharides
(4)Aldoses
(4)Hexoses
(5)Fructoses
(5)Galactose
(5)Glucose
(6)Acid citrate dextrose
(5)Mannose
(4)Pentoses
(5)Arabinose
(5)Ribose
(5)Xylose
(2)Trisaccharides
(1)Cyanides
(2)Hydrogen cyanide
(1)Cyclic compounds
(2)Cycloalkanes
(3)Cyclobutanes
(3)Cyclohexanes
(3)Cyclooctanes
(3)Cyclopentanes
(3)Cyclopropanes
(2)Cycloalkenes
(3)Azulenes
(3)Cyclobutenes

(3)Cycloheptatrienes
(3)Cyclohexenes
(4)Dimethylcyclohexene
(3)Cyclooctatetraene
(3)Cyclopentenes
(2)Cyclohexanols
(2)Cyclohexanones
(3)Caprolactones
(2)Heterocyclic compounds
(3)Acridines
(3)Azulenes
(3)Benzimidazoles
(3)Caffeine
(3)Cyanine
(3)Nicotinic acid
(4)Arecoline
(3)Nitrogen heterocyclic compounds
(4)Atropine
(4)Azoles
(5)Benzoxazoles
(5)Imidazoles
(5)Oxadiazoles
(5)Pyrazoles
(5)Pyrroles
(6)Polypyrroles
(5)Tetrazoles
(4)Cyclophosphamide
(4)Diazinon
(4)Indoles
(5)Serotonin
(4)Melamines
(4)Methotrexate
(4)Morpholine
(4)Phosphazene
(4)Primaquine
(4)Purines
(5)Adenine
(6)Adenosine
(5)Guanine
(4)Pyrimidines
(5)Alloxan
(5)Cytosine
(5)Pyrimethamine
(5)Uracils
(4)Quinine
(4)Quinolines
(5)Quinolinols
(4)Thiazoles
(3)Oxazepine
(3)Oxygen heterocyclic compounds
(4)Dioxanes
(4)Dioxins
(4)Epoxy compounds
(5)Epoxy coatings
(6)Epoxy laminates
(5)Epoxy composites
(6)Graphite epoxy composites
(5)Epoxy resins
(5)Oxetanes
(4)Furans
(4)Lactones
(5)Coumarins
(5)Propiolactones
(3)Phosphorus heterocyclic compounds
(4)Phosphazene
(3)Phthalocyanines
(3)Pyridoxines
(3)Sulfur heterocyclic compounds
(4)Acetazolamide
(4)Lipoic acid
(4)Phenothiazines
(5)Chlorpromazine
(4)Thiazoles
(4)Thiophenes
(3)Tetrazenes
(3)Triazines
(3)Uracils
(3)Uric acid
(3)Uridine
(2)Monocyclic compounds
(2)Norcarane
(2)Polycyclic compounds
(3)Adamantanes
(3)Spiro compounds
(1)Esters
(2)Acrylates
(3)Methacrylates
(4)Polymethyl methacrylate
(5)Plexiglas
(2)Ascorbates
(2)Benzoates
(3)Salicylates
(2)Butyrates
(2)Carbamates
(3)Urethanes
(2)Cellulose esters
(3)Cellulose acetates
(3)Nitrocellulose
(2)Cholesteryl esters
(2)Citrates
(3)Acid citrate dextrose
(2)Cyanates
(3)Isocyanates
(3)Thiocyanates
(2)Diazinon
(2)Fatty acid esters
(2)Formates
(2)Glycerides
(3)Serum triglycerides
(2)Lactates
(2)Laurates
(3)Aluminum laurate
(2)Malathion
(2)Malonates
(2)Nitroglycerin
(2)Oleates
(2)Oxalates
(2)Oxylates
(2)PETN
(2)Phosphinates
(2)Phosphonates
(2)Phthalates
(2)Propionates
(2)Stearates
(2)Succinates
(2)Sulfamates
(2)Sulfinates
(2)Sulfonates
(2)Tartrates
(2)Urethanes

(1)Ethers
(2)Aryl ethers
(3)Anisole
(3)Phenyl ether
(2)Cellulose ethers
(3)Ethyl cellulose
(3)Methyl cellulose
(2)Crown ethers
(2)Ethyl ethers
(2)Glycidyl ether
(2)Methylal
(2)Polyethers
(1)Halogenated hydrocarbons
(2)Aldrin
(2)Carbon tetrabromide
(2)Carbon tetrachloride
(2)Carbon tetrafluoride
(2)Chlordane
(2)Chlorinated hydrocarbons
(3)Chloroethanes
(4)Trichloroethanes
(3)Polychlorinated biphenyls
(2)Chlorobenzene
(2)Chloroform
(2)Chloromethanes
(2)Chloroprenes
(3)Neoprene
(2)DDT
(2)Dieldrin
(2)Fluorinated hydrocarbons
(3)Dichlorodifluoromethane
(1)Halohydrins
(1)Hydrocarbons
(2)Aliphatic hydrocarbons
(2)Alkanes
(3)Butanes
(3)Cycloalkanes
(4)Cyclobutanes
(4)Cyclohexanes
(4)Cyclooctanes
(4)Cyclopentanes
(4)Cyclopropanes
(3)Decanes
(3)Dodecane
(3)Eicosane
(3)Ethanes
(4)Chloroethanes
(5)Trichloroethanes
(3)Heptanes
(3)Hexadecane
(3)Hexanes
(3)Methane
(4)Rubrenes
(3)Methanes
(4)Methane
(5)Rubrenes
(4)Nitromethane
(3)Nonane
(3)Octadecanes
(3)Pentanes
(3)Propane
(4)Liquid propane
(2)Alkenes
(3)Butenes
(3)Cycloalkenes
(4)Azulenes
(4)Cyclobutenes
(4)Cycloheptatrienes
(4)Cyclohexenes
(5)Dimethylcyclohexene
(4)Cyclooctatetraene
(4)Cyclopentenes
(3)Dienes
(4)Butadienes
(5)Isoprene
(5)Polybutadiene
(6)Hydroxy terminated polybutadiene
(4)Pentadienes
(5)Biscyclopentadienones
(3)Ethylene
(4)Polyethylene
(5)Polyethylene plastics
(5)Polyethylene terephthalate
(4)Trichloroethylene
(3)Ethylenes
(4)Ethylene
(5)Polyethylene
(6)Polyethylene plastics
(6)Polyethylene terephthalate
(5)Trichloroethylene
(4)Tetracyanoethylene
(3)Hexenes
(3)Ketones
(4)Acetones
(4)Acetophenones
(4)Anthrones
(4)Benzophenones
(4)Biscyclopentadienones
(4)Butanones
(4)Cyclohexanones
(5)Caprolactones
(4)Fluorenones
(4)Ketenes
(4)Lactones
(5)Coumarins
(5)Propiolactones
(4)Pentanones
(4)Quinones
(5)Anthraquinones
(3)Methylenes
(3)Propenes
(4)Oxetanes
(2)Cubanes
(2)Halogenated hydrocarbons
(3)Aldrin
(3)Carbon tetrabromide
(3)Carbon tetrachloride
(3)Carbon tetrafluoride
(3)Chlordane
(3)Chlorinated hydrocarbons
(4)Chloroethanes
(5)Trichloroethanes
(4)Polychlorinated biphenyls
(3)Chlorobenzene
(3)Chloroform
(3)Chloromethanes
(3)Chloroprenes
(4)Neoprene
(3)DDT
(3)Dieldrin

(3)Fluorinated hydrocarbons
(4)Dichlorodifluoromethane
(2)Norcarane
(2)Unsaturated hydrocarbons
(3)Alkenes
(4)Butenes
(4)Cycloalkenes
(5)Azulenes
(5)Cyclobutenes
(5)Cycloheptatrienes
(5)Cyclohexenes
(6)Dimethylcyclohexene
(5)Cyclooctatetraene
(5)Cyclopentenes
(4)Dienes
(5)Butadienes
(6)Isoprene
(6)Polybutadiene
(7)Hydroxy terminated polybutadiene
(5)Pentadienes
(6)Biscyclopentadienones
(4)Ethylene
(5)Polyethylene
(6)Polyethylene plastics
(6)Polyethylene terephthalate
(5)Trichloroethylene
(4)Ethylenes
(5)Ethylene
(6)Polyethylene
(7)Polyethylene plastics
(7)Polyethylene terephthalate
(6)Trichloroethylene
(5)Tetracyanoethylene
(4)Hexenes
(4)Ketones
(5)Acetones
(5)Acetophenones
(5)Anthrones
(5)Benzophenones
(5)Biscyclopentadienones
(5)Butanones
(5)Cyclohexanones
(6)Caprolactones
(5)Fluorenones
(5)Ketenes
(5)Lactones
(6)Coumarins
(6)Propiolactones
(5)Pentanones
(5)Quinones
(6)Anthraquinones
(4)Methylenes
(4)Propenes
(5)Oxetanes
(3)Alkynes
(4)Acetylenes
(5)Acetylene
(3)Aromatic hydrocarbons
(4)Anthracenes
(4)Benzene
(5)Hexafluorobenzene
(5)Nitrobenzenes
(4)Benzene compounds
(5)Azobenzenes
(5)Chlorobenzene
(4)Biphenyl
(5)Polychlorinated biphenyls
(5)Rubrenes
(4)Cumenes
(4)Fluorenes
(4)Naphthalenes
(4)Phenanthrenes
(4)Styrenes
(4)Toluenes
(5)Nitrotoluenes
(6)Amatol
(6)DNT
(6)TNT
(4)Xylenes
(1)Inosine
(1)Iron organic compounds
(2)Ferredoxin
(2)Ferrocenes
(1)Organic acids
(2)Aliphatic acids
(3)Acrylic acid
(4)Cinnamic acid
(3)Fatty acids
(4)Acetic acid
(5)Imino diacetic acid
(5)Oxalacetic acid
(5)Peracetic acid
(5)Phenoxyacetic acids
(4)Linoleic acid
(4)Linolenic acid
(4)Lipoic acid
(4)Octanoic acid
(4)Oleic acid
(4)Propionic acid
(5)Propionates
(4)Stearic acid
(3)Sebacic acid
(3)Succinic acid
(2)Amino acids
(3)Alanines
(4)Levodopa
(4)Phenylalanine
(3)Aspartic acid
(3)Creatine
(3)Cysteine
(3)Cystine
(3)Folic acid
(3)Glutamic acid
(3)Glutamine
(3)Glutaric acid
(3)Glycine
(3)Histidine
(3)Leucine
(3)Methionine
(3)Pyruvates
(3)Serine
(3)Tryptophan
(3)Tyrosine
(2)Barbituric acids
(3)Thiobarbituric acid
(2)Butyric acids
(2)Carboxylic acids
(3)Benzoic acids
(4)Anthranilic acid
(4)Salicylic acids

(4)Tannic acid
(3)Citric acid
(3)Fatty acids
(4)Acetic acid
(5)Imino diacetic acid
(5)Oxalacetic acid
(5)Peracetic acid
(5)Phenoxyacetic acids
(4)Linoleic acid
(4)Linolenic acid
(4)Lipoic acid
(4)Octanoic acid
(4)Oleic acid
(4)Propionic acid
(5)Propionates
(4)Stearic acid
(3)Folic acid
(3)Formic acid
(3)Glyoxylic acid
(3)Hygric acid
(3)Lactic acid
(3)Levulinic acids
(3)Malic acid
(3)Malonic acid
(3)Neuraminic acid
(3)Oxalic acid
(3)Phthalic acids
(3)Sebacic acid
(2)Dibasic organic acids
(3)Sebacic acid
(2)Glycolic acid
(2)Gymnemic acid
(2)Hippuric acid
(2)Hydroxamic acids
(2)Kojic acid
(2)Maleic acid
(2)Phosphinic acids
(2)Phosphonic acids
(2)Picramic acid
(2)Picric acid
(2)Pyruvic acid
(2)Retinoic acids
(2)Styphnic acids
(2)Sugar acids
(3)Uronic acids
(4)Alginic acid
(2)Sulfamic acids
(2)Sulfinic acids
(2)Sulfonic acids
(2)Terephthalic acid
(1)Organic nitrogen compounds
(2)Amides
(3)Acetamides
(4)Acetazolamide
(3)Cyanamides
(3)Formamides
(3)Formamidines
(3)Hydantoins
(3)Oxamides
(3)Sulfonamides
(2)Amines
(3)Amidines
(3)Anilines
(4)Toluidines
(3)Catecholamines
(4)Dopamine
(4)Epinephrine
(5)Norepinephrine
(3)Ethanolamine
(3)Ethylenediamine
(3)Fluoroamines
(3)Guanidines
(4)Guanidine nitrates
(4)Nitroguanidine
(3)Hexamines
(3)Histamine
(3)Melamines
(3)Methylamine
(3)Methylene blue
(3)Nitramines
(3)Nitrosamines
(3)Phenylamines
(3)Phenylenediamines
(3)Piperazines
(3)Piperidines
(4)Meperidine
(3)Pyrrolidines
(2)Diazo compounds
(3)Hydrazoic acid
(2)Imines
(3)Amidines
(3)Ethyleneimines
(2)Nitriles
(3)Acetonitrile
(3)Benzonitriles
(3)Cyanogen
(3)Propionitrile
(2)Nitrogen heterocyclic compounds
(3)Atropine
(3)Azoles
(4)Benzoxazoles
(4)Imidazoles
(4)Oxadiazoles
(4)Pyrazoles
(4)Pyrroles
(5)Polypyrroles
(4)Tetrazoles
(3)Cyclophosphamide
(3)Diazinon
(3)Indoles
(4)Serotonin
(3)Melamines
(3)Methotrexate
(3)Morpholine
(3)Phosphazene
(3)Primaquine
(3)Purines
(4)Adenine
(5)Adenosine
(4)Guanine
(3)Pyrimidines
(4)Alloxan
(4)Cytosine
(4)Pyrimethamine
(4)Uracils
(3)Quinine
(3)Quinolines
(4)Quinolinols
(3)Thiazoles
(2)Nitroso compounds

(1)Organic oxygen compounds
(1)Organic phosphorus compounds
(2)Organophosphates
(2)Phosphorothioates
(2)Phosphorus heterocyclic compounds
(3)Phosphazene
(1)Organic solutes
(1)Organic solvents
(1)Organic sulfur compounds
(2)Sulfur heterocyclic compounds
(3)Acetazolamide
(3)Lipoic acid
(3)Phenothiazines
(4)Chlorpromazine
(3)Thiazoles
(3)Thiophenes
(1)Organometallic compounds
(2)Iron organic compounds
(3)Ferredoxin
(3)Ferrocenes
(2)Metallocenes
(3)Ferrocenes
(2)Tributyl tin
(2)Triethylaluminum
(2)Trimethylaluminum
(1)Phenols
(2)Bromphenol blue
(2)Cannabinols
(2)Catecholamines
(3)Dopamine
(3)Epinephrine
(4)Norepinephrine
(2)Nitrophenols
(3)Styphnates
(2)Polyphenylenes
(2)Resorcinol
(1)Porphyrins
(2)Chlorophylls
(2)Hemoglobin
(3)Methemoglobin
(1)Pyridines
(2)Azines
(3)Oxazines
(3)Quinoxalines
(3)Triazines
(2)Isoniazid
(2)Pyridostigmine bromide

Organizations
(1)Corporations
(2)Corporate downsizing
(1)Labor unions
(1)Military organizations
(2)Artillery units
(2)Battle group level organizations
(2)Corps level organizations
(3)Division level organizations
(4)Brigade level organizations
(5)Regiment level organizations
(6)Battalion level organizations
(7)Company level organizations
(8)Platoon level organizations
(7)Seabees
(2)Military Forces(Foreign)
(3)Israeli commandos
(3)NATO Forces
(2)Military Forces(United States)
(3)Air Force
(4)Air Defense Command
(4)Air Force Logistics Command
(4)Air Force Systems Command
(4)Strategic Air Command
(4)Tactical Air Command
(3)Army
(4)Army Corps of Engineers
(4)Field army
(5)Cavalry
(5)Infantry
(3)Coast Guard
(3)Marine Corps
(3)Navy
(3)Special operations forces
(4)Seal teams
(4)Special forces
(2)Military reserves
(3)National Guard
(3)Reserve Officer Training Corps
(2)Nato
(2)Squadrons
(2)Wing level organizations
(1)Scientific organizations
(1)Societies
(1)Task forces

Orientation(Direction)
(1)Attitude(Inclination)
(2)Leveling
(2)Pitch(Inclination)
(2)Roll
(3)Ground roll(Aeronautics)
(4)Taxiing
(2)Satellite attitude
(2)Skewness
(2)Tilt
(2)Yaw
(1)Azimuth
(1)Bearing(Direction)
(1)Directional
(2)Omnidirectional
(1)East(Direction)
(1)End on orientation
(1)Head on orientation
(1)Horizon
(1)Horizontal orientation
(1)North(Direction)
(1)Parallel orientation
(1)Slope
(2)Slope stability
(1)South(Direction)
(1)Transverse
(1)Unidirectional
(1)Vertical orientation
(1)West(Direction)

Otorhinolaryngology
(1)Otology
(1)Rhinology

Oxidizers
(1)Liquid rocket oxidizers
(1)Solid rocket oxidizers

Oximes
(1)Aldoximes

Oxygen equipment
(1)Oxygen masks

P

Packaging
(1)Bundles
(1)Containerizing
(1)Packets
(1)Packing materials

Panels
(1)Aircraft panels
(1)Sandwich panels
(1)Solar panels
(2)Solar cells
(2)Solar collectors
(1)Transparent panels

Panoramic equipment
(1)Panoramic cameras
(1)Panoramic scanners

Parachutes
(1)Ballutes
(1)Cargo parachutes
(1)Drogue parachutes
(1)Parachute canopies
(1)Parachute fabrics
(1)Parachute packs
(1)Parafoils
(1)Ribbon parachutes
(1)Ripcords
(1)Rotorchutes
(1)Spin recovery parachutes

Parameters
(1)Reactor lattice parameters
(2)Buckling(Neutron density)
(2)Conversion ratio
(2)Fast fission factor
(2)Multiplication factor
(2)Neutron age
(2)Neutron flux
(2)Neutron lifetime
(2)Nonleakage probability
(2)Power coefficient of reactivity
(2)Reactor power density
(2)Reactor reactivity
(2)Resonance escape probability
(2)Temperature coefficient of reactivity
(2)Thermal utilization

Parametric devices
(1)Parametric amplifiers
(1)Parametric converters
(2)Parametric frequency converters

Particle accelerators
(1)Collider accelerators
(1)Cyclotrons
(1)Electron accelerators
(2)Betatrons
(2)Traveling wave electron accelerators
(1)Electrostatic accelerators
(2)Cockroft Walton accelerators
(1)Ion accelerators
(1)Linear accelerators
(1)Particle accelerator components
(2)Cyclotron magnets
(2)Ion sources
(2)Particle accelerator targets
(2)Storage rings
(1)Proton accelerators
(1)Synchrotrons
(2)Synchrocyclotrons

Particles
(1)Drops
(2)Raindrops
(1)Dust
(2)Cosmic dust
(2)Dust clouds
(1)Particulates
(1)Powders
(2)Fines
(3)Superfines
(4)Ultrafines
(2)Powder metals
(3)Powder alloys

Parts
(1)Fittings
(2)Adapters
(2)Collars
(2)Couplings
(3)Flexible couplings
(3)Hose couplings
(3)Hydraulic couplings
(3)Self sealing couplings
(3)Shaft couplings
(3)Torque couplings
(2)Disconnect fittings
(2)Elbows(Fittings)
(2)Hose fittings
(2)Pipe fittings
(2)Watertight fittings
(1)Mechanical components
(2)Dashpots
(2)Diaphragms(Mechanics)
(2)Gears
(3)Gear teeth
(3)Planetary gears
(3)Propulsion gears
(3)Reduction gears
(3)Transmission gears
(3)Worm gears
(2)Gimbals

(2)Mechanical cables
(3)Aircraft control cables
(3)Towing cables
(2)Mechanical guides
(2)Springs
(3)Air springs
(3)Helical springs
(3)Leaf springs
(2)Sprockets
(3)Drive sprockets
(2)Stators
(3)Compressor stators
(3)Electric motor stators
(3)Turbine stators
(2)Suspension devices
(3)Hangers
(3)Leaf springs
(3)Torsion bars
(1)Nonstandard parts
(1)Redundant components
(1)Spare parts

Passive systems
(1)Passive sonar

Pathogenic materials
(1)Enteropathogens
(1)Pathogenic microorganisms
(2)Prions(Pathogens)

Paths
(1)Flight paths
(2)Pressure pattern flight
(2)Pursuit courses
(1)Trajectories
(2)Air to air
(2)Ascent trajectories
(3)Air to space
(3)Takeoff
(2)Ballistic trajectories
(3)Depressed trajectories
(2)Bomb trajectories
(2)Circumlunar trajectories
(2)Descent trajectories
(3)Air to surface
(3)Air to underwater
(2)Flat trajectories
(3)Beam rider trajectories
(2)Free flight trajectories
(2)Guided missile trajectories
(2)Intercept trajectories
(2)Midcourse trajectories
(2)Orbits
(3)Circular orbits
(3)Earth orbits
(3)Elliptical orbit trajectories
(4)Apogee
(4)Perigee
(3)Equatorial orbits
(3)High orbit trajectories
(3)Inclined orbit trajectories
(3)Low orbit trajectories
(3)Parking orbit trajectories
(3)Polar orbit trajectories
(3)Solar orbits
(4)Perihelion
(2)Projectile trajectories
(2)Rendezvous trajectories
(2)Rocket trajectories
(2)Spacecraft trajectories
(3)Interplanetary trajectories
(3)Lunar trajectories
(2)Suborbital trajectories
(2)Transfer trajectories
(2)Underwater trajectories
(3)Torpedo trajectories

Patterns
(1)Radiation patterns
(2)Antenna radiation patterns
(3)Antenna lobes
(4)Backlobes
(4)Sidelobes
(3)Nulls(Amplitude)
(1)Templates

Pavements
(1)Pavement bases
(1)Shoulders(Pavements)

Penetration
(1)Ice penetration

Performance tests
(1)Achievement tests
(1)Aptitude tests
(1)Intelligence tests
(1)Psychological tests
(2)Aptitude tests
(2)Personality tests
(2)Projective techniques
(2)Psychomotor tests
(2)Test construction(Psychology)
(2)Word association

Personnel
(1)Administrative personnel
(1)Analysts
(1)Aquanauts
(1)Architects
(2)Marine architects
(1)Attorneys
(1)Aviation personnel
(2)Aerial gunners
(2)Air traffic controllers
(2)Aviation technicians
(2)Flight surgeons
(2)Navigator bombardiers
(2)Pilots
(1)Civilian personnel
(2)Government employees
(3)Foreign service officers
(4)Diplomats
(3)President(United States)
(1)Communists
(1)Computer personnel
(2)Computer operators
(2)Programmers
(1)Consumers
(2)Consumer problems

(1)Contractors
(2)Vendors
(1)Crews
(2)Flight crews
(2)Ground crews
(2)Gun crews
(2)Space crews
(3)Astronauts
(2)Tank crews
(1)Divers
(2)Scuba divers
(1)Donors(Medicine)
(2)Blood donors
(1)Drug users
(1)Enemy personnel
(2)Terrorists
(1)Engineers
(2)Automotive engineers
(2)Human factors engineers
(2)Marine engineers
(3)Marine architects
(2)Military engineers
(3)Seabees
(1)Family members
(1)Food service personnel
(2)Dieticians
(2)Food handlers
(1)Graduates
(1)Handicapped persons
(1)Historians
(1)Industrial personnel
(2)Assemblers
(1)Instructors
(1)Law enforcement officers
(2)Police
(3)Military police
(1)Librarians
(1)Maintenance personnel
(1)Management personnel
(2)Executives
(2)Supervisors
(1)Medical personnel
(2)Anesthesiologists
(2)Audiologists
(2)Cardiologists
(2)Dental personnel
(3)Dentists
(2)Immunologists
(2)Interns
(2)Medical technicians
(2)Nurses
(2)Ophthalmologists
(2)Paramedics
(2)Pathologists
(2)Pharmacists
(2)Physicians
(3)Oncologists
(3)Surgeons
(4)Military surgeons
(5)Flight surgeons
(2)Physiologists
(2)Psychologists
(3)Environmental psychologists
(2)Radiologists
(2)Toxicologists
(1)Meteorologists
(1)Military personnel
(2)Air Force personnel
(2)All volunteer
(2)Army personnel
(3)Infantry personnel
(2)Cadets
(2)Coast Guard personnel
(2)Combat forces
(2)Enlisted personnel
(3)Noncommissioned officers
(3)Specialists
(2)Guided missile personnel
(2)Gunners
(3)Aerial gunners
(2)Marine Corps personnel
(2)Military advisors
(2)Military police
(2)Military surgeons
(3)Flight surgeons
(2)Naval personnel
(3)Seabees
(3)Sonar personnel
(3)Submarine personnel
(2)Officer personnel
(3)Chaplains
(3)Field grade officers
(3)General officers
(3)Military commanders
(2)Paramilitary forces
(2)Paratroopers
(2)Recruiters
(2)Recruits
(2)Snipers
(2)Underwater demolition teams
(2)Veterans(Military personnel)
(1)Navigators
(1)Noncombatant
(1)Observers
(2)Forward observers
(1)Oceanographers
(1)Office personnel
(1)Operators(Personnel)
(2)Air traffic controllers
(2)Computer operators
(2)Drivers(Personnel)
(2)Gunners
(3)Aerial gunners
(2)Pilots
(2)Radar operators
(2)Radio operators
(2)Teleoperators
(1)Parachutists
(2)Paratroopers
(1)Passengers
(1)Patients
(2)Cardiac patients
(1)Photointerpreters
(1)Prisoners
(2)Prisoners of war
(1)Refugees
(1)Scientists
(2)Archeologists
(2)Astronomers
(2)Biologists

(2)Chemists
(2)Physicists
(1)Security personnel
(1)Semiskilled personnel
(1)Ship personnel
(2)Submarine personnel
(1)Students
(2)Cadets
(1)Swimmers
(2)Scuba divers
(1)Teams(Personnel)
(2)Panel(Committee)
(1)Technicians
(2)Aviation technicians
(2)Electronic technicians
(2)Medical technicians
(1)Trainees
(1)Translators
(2)Interpreters
(1)Unskilled personnel

Pests
(1)Pest control
(2)Biological pest control
(2)Insect control
(3)Biological insect control
(2)Rodent control
(2)Weed control
(3)Biological weed control

Pharmacology
(1)Pharmacokinetics
(1)Toxicology

Phase
(1)Liquid phases
(2)Liquid phase epitaxy
(1)Metastable state
(2)Metastable alloys
(3)Martensite
(1)Phase(Electronics)
(1)Phase distortion
(1)Phase studies
(2)Phase diagrams
(2)Phase measurement
(2)Phase transformations
(3)Boiling
(4)Film boiling
(4)Nucleate boiling
(3)Condensation
(4)Atmospheric condensation
(5)Cloud cover
(6)Ceiling
(5)Clouds
(6)Cirrus clouds
(6)Cloud cover
(7)Ceiling
(6)Cumulonimbus clouds
(6)Cumulus clouds
(6)Fog
(7)Cold fog
(7)Ice fog
(6)Nimbostratus clouds
(6)Noctilucent clouds
(6)Stratus clouds
(5)Condensation trails
(5)Dew
(6)Frost
(4)Condensation nuclei
(3)Crystallization
(4)Recrystallization
(3)Evaporation
(4)Boiloff
(3)Freezing
(4)Frostbite
(3)Gelation
(3)Joule Thomson effect
(3)Liquefaction
(3)Melting
(4)Arc melting
(5)Consumable electrode process
(4)Electron beam melting
(4)Fusion(Melting)
(4)Thawing
(5)Ice breakup
(4)Zone melting
(3)Order disorder transformations
(3)Solidification
(3)Thawing
(4)Ice breakup
(3)Vaporization
(4)Evaporation
(5)Boiloff
(4)Sublimation
(3)Vitrification
(1)Solid phases
(2)Solidified gases
(2)Vitreous state
(1)Vapor phases

Phosphorescent materials
(1)Phosphors

Photoelectric materials
(1)Infrared photoconductors
(1)Photocathodes

Photography
(1)Aerial photography
(2)Orthophotography
(2)Photogeology
(1)Black and white photography
(1)Color photography
(1)Digital photography
(1)Electrooptical photography
(1)Electrophotography
(2)Electrocorticography
(2)Electrogastrograms
(2)Electrooculography
(3)Electrooculograms
(1)High speed photography
(2)Flash radiography
(2)Schlieren photography
(2)Spark shadowgraph photography
(1)Infrared photography
(1)Microphotography
(1)Motion picture photography
(2)Cinematography
(3)Motion pictures
(4)Combat films

(4)Training films
(2)Cinephotomacrography
(2)Cinephotomicrography
(1)Night photography
(1)Photogrammetry
(2)Stereophotogrammetry
(1)Photographic analysis
(2)Photointerpretation
(3)Photointerpretation keys
(1)Photographic equipment
(2)Cameras
(3)Aerial cameras
(4)Continuous strip cameras
(4)Topographic cameras
(3)All sky cameras
(3)Astronomical cameras
(4)Spectroheliographs
(3)Ballistic cameras
(3)Camera components
(4)Camera controls
(5)Image motion compensation
(4)Camera lenses
(5)Afocal optical lenses
(5)Aspherical lenses
(5)Folded optical lenses
(6)Cassegrainian optical systems
(7)Cassegrain telescopes
(5)Telephoto lenses
(6)Zoom lenses
(4)Camera magazines
(5)Film transport systems
(4)Camera shutters
(4)Camera viewfinders
(4)Exposure meters
(4)Photographic lighting systems
(5)Electronic photoflash equipment
(6)Photoflash lamps
(5)Photoflash ammunition
(6)Photoflash bombs
(6)Photoflash cartridges
(6)Photoflash projectiles
(4)Photographic windows
(4)Viewfinders
(3)Copying cameras
(3)Digital cameras
(3)Gun sight cameras
(3)High speed cameras
(4)Rotating drum cameras
(4)Rotating mirror cameras
(4)Rotating prism cameras
(4)Streak cameras
(3)Infrared cameras
(3)Medical cameras
(3)Motion picture cameras
(3)Panoramic cameras
(3)Photofluorographic cameras
(3)Radar recording cameras
(3)Reconnaissance cameras
(3)Sonic cameras
(3)Spacecraft cameras
(3)Spectrographic cameras
(3)Stereoscopic cameras
(3)Television cameras
(3)Tracking cameras
(3)Underwater cameras
(3)Wide field cameras
(3)X ray diffraction cameras
(2)Film readers
(2)Photographic filters
(2)Photographic processing equipment
(3)Photographic driers
(3)Photographic printers
(4)Contact printers
(4)Projection printers
(5)Photographic rectifiers
(3)Photographic processors
(4)Projection printers
(5)Photographic rectifiers
(2)Photographic projectors
(3)Motion picture projectors
(4)Sound motion picture projectors
(3)Stereoscopic projectors
(3)Still projectors
(2)Shutters(Optics)
(3)Camera shutters
(3)Kerr cells
(2)Stereoscopic mapping instruments
(3)Stereoscopic map plotters
(1)Photographic recording media
(2)Photographic film
(3)Black and white photographic film
(3)Color film
(3)Infrared film
(3)Kalvar film
(3)Microform
(4)Microdots
(4)Microfiche
(4)Microfilm
(3)Motion picture film
(3)Photographic film chips
(3)Photographic grain
(3)Photographic plates
(3)Radiographic film
(3)Reconnaissance film
(3)Transparencies
(3)X ray film
(2)Photographic paper
(2)Photographs
(3)Aerial photographs
(3)Ground photographs
(3)Panoramic photographs
(1)Photomacrographs
(1)Photomicrography
(1)Radar photography
(1)Radiography
(2)Angiography
(2)Autoradiography
(2)Bronchography
(2)Flash radiography
(2)Mammography
(2)Microradiography
(2)Neutron radiography
(1)Satellite photography
(1)Sequential photography
(1)Stereophotography
(1)Ultraviolet photography
(1)Underwater photography
(2)Underwater cameras
(1)X ray photography

Photometry
(1)Spectrophotometry

Physical properties
(1)Acoustic properties
(2)Acoustic impedance
(2)Acoustic reflection
(3)Bottom bounce
(2)Acoustic refraction
(2)Acoustic resonance
(2)Acoustic scattering
(3)Reverberation
(2)Acoustic signatures
(2)Acoustic velocity
(2)Sound pitch
(2)Sound transmission
(2)Ultrasonic properties
(1)Anisotropy
(1)Boiling point
(1)Buoyancy
(1)Conductivity
(2)Electrical conductivity
(3)Photoconductivity
(3)Superconductivity
(2)Thermal conductivity
(1)Constitutive properties
(1)Cracks
(2)Crack propagation
(2)Crack tips
(2)Cracking(Fracturing)
(3)Microcracking
(1)Density
(2)Apparent density
(2)Atmospheric density
(2)Electron density
(2)High density
(2)Ion density
(2)Low density
(2)Packing density
(2)Specific gravity
(1)Diffusivity
(1)Electromagnetic properties
(2)Birefringence
(2)Chromaticity
(2)Electromagnetic compatibility
(2)Electromagnetic environments
(2)Electromagnetic susceptibility
(2)Electromagnetism
(3)Electric fields
(4)Electrostatic fields
(3)Magnetic fields
(4)Magnetic forces
(2)Lorentz force
(2)Magnetic properties
(3)Antiferromagnetism
(3)Biomagnetism
(3)Coercive force
(3)Curie temperature
(3)Diamagnetism
(3)Ferrimagnetism
(3)Ferromagnetism
(3)Geomagnetism
(4)Paleomagnetism
(3)Hall effect
(3)Magnetic induction
(4)Electromagnetic induction
(3)Magnetic moments
(4)Nuclear magnetic moments
(3)Magnetostriction
(3)Neel temperature
(3)Paramagnetism
(4)Paramagnetic resonance
(5)Electron paramagnetic resonance
(6)Electron spin resonance
(3)Permeability(Magnetic)
(3)Photomagnetic effect
(2)Opacity
(1)Hydrophobic properties
(1)Inertia
(2)Moment of inertia
(1)Isotropism
(1)Magnetic properties
(2)Antiferromagnetism
(2)Biomagnetism
(2)Coercive force
(2)Curie temperature
(2)Diamagnetism
(2)Ferrimagnetism
(2)Ferromagnetism
(2)Geomagnetism
(3)Paleomagnetism
(2)Hall effect
(2)Magnetic induction
(3)Electromagnetic induction
(2)Magnetic moments
(3)Nuclear magnetic moments
(2)Magnetostriction
(2)Neel temperature
(2)Paramagnetism
(3)Paramagnetic resonance
(4)Electron paramagnetic resonance
(5)Electron spin resonance
(2)Permeability(Magnetic)
(2)Photomagnetic effect
(1)Mass
(1)Mechanical properties
(2)Bending
(2)Brittleness
(3)Frangible
(3)Hydrogen embrittlement
(2)Bulk modulus
(2)Bursting strength
(2)Cohesion
(2)Compressive properties
(3)Bearing strength
(2)Creep
(2)Creep strength
(2)Ductility
(2)Elastic properties
(3)Aeroelasticity
(4)Aeroservoelasticity
(4)Aerothermoelasticity
(4)Twist(Aerodynamics)
(3)Elastoplasticity
(3)Hydroelasticity
(3)Modulus of elasticity
(4)Shear modulus
(3)Photoelasticity
(3)Thermoelasticity
(3)Viscoelasticity

(2)Fatigue(Mechanics)
(3)Fatigue life
(3)Fatigue tests(Mechanics)
(3)Sonic fatigue
(3)Thermal fatigue
(2)Flexural properties
(3)Flexural strength
(3)Stiffness
(2)Fracture(Mechanics)
(3)J integrals
(2)Fragility
(2)Hardness
(3)Dual hardness
(3)Microhardness
(3)Ultrahardness
(2)Notch sensitivity
(2)Notch toughness
(2)Plastic properties
(3)Elastoplasticity
(3)Plastic flow
(3)Superplasticity
(3)Viscoplasticity
(2)Poisson ratio
(2)Reduction of area
(2)Resilience
(2)Rheology
(3)Electrorheology
(3)Magnetorheology
(3)Viscosity index
(2)Rigidity
(3)Semirigid
(2)Shear properties
(3)Bearing strength
(3)Modulus of elasticity
(4)Shear modulus
(3)Shear modulus
(3)Shear strength
(3)Wind shear
(2)Stiffness
(2)Strain(Mechanics)
(3)Stress strain relations
(2)Strength(Mechanics)
(3)Compressive strength
(3)Impact strength
(3)Peel strength
(3)Shear strength
(3)Tensile strength
(3)Wet strength
(3)Yield strength
(2)Stresses
(3)Bending stress
(3)Biaxial stresses
(3)Prestressing
(3)Radial stress
(3)Residual stress
(3)Shear stresses
(3)Stress analysis
(3)Stress concentration
(3)Stress intensity factors
(3)Stress relaxation
(3)Stress strain relations
(3)Tensile stress
(3)Thermal stresses
(3)Torsion
(3)Triaxial stresses
(3)Wind stress
(2)Tensile properties
(3)Tensile strength
(3)Tensile stress
(2)Thermal resistance
(2)Toughness
(2)Trafficability
(2)Wear resistance
(2)Yield point
(1)Optical properties
(2)Achromatic
(2)Brightness
(3)Sky brightness
(2)Chromaticity
(2)Colors
(3)Black(Color)
(3)Blue(Color)
(3)Gray(Color)
(3)Green(Color)
(3)Orange(Color)
(3)Red(Color)
(3)White(Color)
(3)Yellow(Color)
(2)Faraday effect
(2)Gray scale
(2)Light transmission
(3)Dichroism
(3)Rayleigh scattering
(2)Luminance
(2)Luminosity
(2)Opacity
(2)Photomagnetic effect
(2)Photovoltaic effect
(2)Reflectance
(3)Albedo
(2)Reflectivity
(2)Refractive index
(3)Snells law
(2)Strehl ratio
(2)Transmissivity
(2)Transmittance
(2)Transparence
(3)Semitransparence
(2)Turbidity
(1)Permeability
(2)Semipermeability
(1)Physicochemical properties
(2)Energetic properties
(3)Energy density
(1)Porosity
(1)Sizes(Dimensions)
(2)Diameters
(2)Grain size
(2)Height
(2)Length
(2)Particle size
(3)Fines
(4)Superfines
(5)Ultrafines
(2)Radius(Measure)
(2)Thickness
(2)Width
(1)Soil resistant properties
(1)Solubility
(2)Ionic strength

(2)Miscibility
(1)Specific volume
(1)Structural properties
(2)Bearing capacity
(2)Structural integrity
(2)Structural response
(1)Surface properties
(2)Adhesion
(2)Emissivity
(2)Reflectance
(3)Albedo
(2)Reflectivity
(2)Roughness
(3)Surface roughness
(4)Pitting
(2)Surface chemistry
(2)Surface energy
(2)Surface temperature
(2)Surface tension
(3)Capillarity
(4)Capillary waves
(2)Texture
(1)Transport properties
(2)Carrier mobility
(2)Diffusion coefficient
(2)Electron mobility
(2)Photoconductivity
(2)Seebeck effect
(2)Thermal conductivity
(2)Viscosity
(3)High viscosity
(1)Weightlessness

Physical sciences
(1)Aeronomy
(2)Ionospheric chemistry
(2)Ionospheric disturbances
(3)Aurorae
(3)Ionospheric scintillation
(3)Polar cap absorption
(2)Ionospheric models
(1)Astronomy
(2)Albedo(Astronomy)
(2)Astronomical bodies
(3)Nebulae
(3)Radio sources(Astronomy)
(4)Pulsars
(4)Quasars
(3)Solar system
(4)Asteroids
(4)Comets
(4)Meteoroids
(5)Meteorites
(4)Planetary satellites
(5)Moon
(4)Planets
(5)Earth(Planet)
(6)Earth crust
(7)Earth surface
(8)Ocean surface
(7)Lithosphere
(8)Regolith
(7)Oceanic crust
(8)Seafloor spreading
(6)Earth interior
(7)Earth core
(7)Earth mantle
(8)Mohorovicic discontinuity
(6)Moon
(5)Mars(Planet)
(5)Mercury(Planet)
(5)Outer planets
(6)Jupiter(Planet)
(6)Neptune(Planet)
(6)Pluto(Planet)
(6)Saturn(Planet)
(6)Uranus(Planet)
(5)Venus(Planet)
(4)Sun
(5)Sunrise
(5)Sunset
(3)Space objects
(3)Stars
(4)B type stars
(4)Binary stars
(4)Constellations
(5)Galaxies
(4)Dwarf stars
(4)Infrared stars
(4)Neutron stars
(5)Black holes
(4)Stellar atmospheres
(5)Solar atmosphere
(6)Chromosphere
(6)Photosphere
(6)Solar corona
(4)Sun
(5)Sunrise
(5)Sunset
(4)Variable stars
(5)Novae
(6)Supernovae
(4)Wolf Rayet stars
(2)Astrophysics
(2)Radar astronomy
(2)Radio astronomy
(3)Radio sources(Astronomy)
(4)Pulsars
(4)Quasars
(3)Solar radio maps
(2)Spherical astronomy
(2)Stellar evolution
(2)X ray astronomy
(1)Chemistry
(2)Analytical chemistry
(3)Computational chemistry
(2)Atmospheric chemistry
(3)Ionospheric chemistry
(2)Biochemistry
(3)Biochemical reactivation
(3)Blood chemistry
(4)Blood coagulation
(4)Fibrinolysis
(4)Hemolysis
(4)Hypercalcemia
(4)Hypocapnia
(3)Calcification
(3)Cytochemistry
(3)Enzyme chemistry
(3)Histochemistry

(4)Histocompatibility
(3)Hormones
(4)Adrenal cortex hormones
(5)Aldosterone
(5)Corticosteroid agents
(4)Adrenal medulla hormones
(4)Calcitonin
(4)Gastrin
(4)Gonadotropins
(5)Prolactin
(4)Growth substances
(5)Plant hormones
(4)Melatonin
(4)Pancreatic hormones
(5)Glucagon
(5)Insulin
(4)Parathyroid hormones
(4)Pituitary hormones
(5)Adrenocorticotropic hormone
(5)Thyrotropin
(4)Plant hormones
(4)Prostaglandin
(4)Sex hormones
(5)Androgens
(5)Estrogens
(6)Stilbestrol
(5)Progesterone
(5)Testosterone
(4)Thyroid hormones
(5)Thyroglobulin
(5)Thyroxine
(3)Immunochemistry
(4)Interferon
(4)Properdin
(3)In vitro analysis
(3)In vivo analysis
(3)Neurochemistry
(4)Neurochemical coding
(4)Neurotransmitters
(5)Endorphins
(3)Pheromones
(3)Urea
(4)Ethyl centralite
(4)Thiourea
(4)Ureides
(2)Chemical indicators
(3)Bromphenol blue
(2)Chemical properties
(3)Alkalinity
(3)Calorific value
(3)Chemical bonds
(4)Covalent bonds
(5)Valence
(6)Valence bands
(5)Van der Waals forces
(4)Crosslinking(Chemistry)
(5)Vulcanization
(6)Vulcanizates
(4)Hydrogen bonds
(4)Ligands
(4)Metal metal bonds
(4)Rotation(Chemical bonds)
(3)Heat of activation
(3)Heat of combustion
(3)Heat of formation
(3)Heat of reaction
(4)Calorific value
(3)Heat of solution
(3)Latent heat
(4)Heat of fusion
(4)Heat of sublimation
(4)Heat of vaporization
(3)Ph factor
(3)Photochromism
(3)Physicochemical properties
(4)Energetic properties
(5)Energy density
(3)Salinity
(2)Chemical radicals
(3)Butyl radicals
(3)Carboxyl radicals
(3)Chromyl radicals
(3)Free radicals
(3)Hexyl radicals
(3)Hydroxyl radicals
(3)Nitro radicals
(3)Octyl radicals
(3)Organic radicals
(4)Alkoxy radicals
(4)Alkyl radicals
(5)Alkoxy radicals
(5)Butyl radicals
(5)Ethyl radicals
(5)Hexyl radicals
(5)Methyl radicals
(6)Methyl cellulose
(6)Methyl hydrazines
(7)Dimethylhydrazines
(6)Methyl sulfoxide
(5)Nonyl radicals
(5)Octyl radicals
(5)Propyl radicals
(5)Vinyl radicals
(4)Aryl radicals
(5)Benzyl radicals
(5)Carboranyl radicals
(5)Phenyl radicals
(3)Perchloryl radicals
(3)Sulfonyl radicals
(3)Uranyl radicals
(3)Zirconyl radicals
(2)Chemical reactions
(3)Acylation
(4)Acetylation
(3)Addition reactions
(3)Alkylation
(4)Methylation
(3)Catalysis
(4)Catalytic cracking
(4)Catalytic oxidation
(3)Chelation
(3)Chemical dissociation
(3)Chemical equilibrium
(4)Acid base equilibrium
(3)Chemical precipitation
(4)Precipitates
(3)Combustion
(4)Afterburning
(4)Antiknock
(5)Cetane number

(4)Burning rate
(4)Burnthrough
(4)Charring
(4)Cook off
(4)Deflagration
(4)Erosive burning
(4)External burning
(4)Flames
(5)Cool flames
(5)Exhaust flames
(5)Flame propagation
(5)Jet flames
(4)Heat of combustion
(4)Ignition
(5)Autoignition
(5)Compression ignition
(5)Electric ignition
(5)Flash point
(5)Hypergolic ignition
(5)Ignition lag
(5)Spark ignition
(4)Incendiary effects
(4)Knocking
(4)Propellant burn out
(4)Screaming combustion
(4)Spontaneous combustion
(4)Subsonic combustion
(4)Supersonic combustion
(3)Condensation reactions
(4)Friedel Crafts reactions
(4)Grignard reactions
(3)Curing
(4)Crosslinking(Chemistry)
(5)Vulcanization
(6)Vulcanizates
(4)Curing agents
(4)Tanning
(3)Dehydrogenation
(4)Hydroforming(Chemical)
(3)Desulfurization
(3)Dissociation
(4)Decomposition
(5)Explosive decomposition
(5)Gas breakdown
(5)Lysis
(6)Electrolysis
(6)Hemolysis
(6)Hydrolysis
(6)Photolysis
(6)Pyrolysis
(7)Calcination
(7)Supercritical water oxidation
(6)Radiolysis
(5)Photodecomposition
(5)Spinodal decomposition
(4)Depolymerization
(4)Photodissociation
(3)Elimination reactions
(3)Endothermic reactions
(3)Exchange reactions
(3)Exothermic reactions
(4)Fermentation
(3)Friedel Crafts reactions
(3)Glycerolization
(3)Halogenation
(4)Bromination
(4)Chlorination
(4)Fluorination
(4)Iodination
(3)Hydrogenation
(3)Iodination
(3)Ionization
(4)Gas ionization
(4)Ionization trails
(4)Photoionization
(3)Isomerization
(3)Metalation
(3)Neutralization
(3)Nitration
(3)Nitrification
(3)Nitrofluorination
(3)Oxidation
(4)Catalytic oxidation
(4)Epoxidation
(4)Ozonation
(4)Rust(Oxidation)
(3)Oxidation reduction reactions
(4)Disproportionation
(3)Photochemical reactions
(3)Polymerization
(4)Copolymerization
(4)Graft polymerization
(3)Reaction kinetics
(4)Arrhenius equation
(4)Breakpoint temperature
(3)Recombination reactions
(3)Reduction(Chemistry)
(4)Smelting
(3)Schoenemann reactions
(3)Side reactions
(3)Solvation
(4)Hydration
(3)Solvolysis
(4)Hydrolysis
(3)Substitution reactions
(4)Displacement reactions
(4)Nucleophilic reactions
(3)Sulfation
(3)Sulfuration
(3)Surface reactions
(3)Synthesis(Chemistry)
(4)Biomimetics
(4)Diene synthesis
(4)Photosynthesis
(2)Chemurgy
(2)Crystal chemistry
(3)Hydrates
(2)Electrochemistry
(3)Electrolysis
(2)Geochemistry
(3)Soil chemistry
(2)Inorganic chemistry
(2)Organic chemistry
(2)Petrochemistry
(2)Physical chemistry
(3)Molecular dynamics
(3)Quantum chemistry
(4)Density functional theory
(2)Radiation chemistry
(2)Radiochemistry

(2)Solid state chemistry
(2)Stereochemistry
(3)Stereospecific polymers
(2)Surface chemistry
(2)Thermochemistry
(2)Water chemistry
(3)Water soluble materials
(1)Earth sciences
(2)Geochemistry
(3)Soil chemistry
(2)Geodesy
(3)Geodetic astronomy
(2)Geography
(3)Biogeography
(4)Zoogeography
(3)Hydrography
(3)Hypsography
(3)Military geography
(3)Orography
(2)Geology
(3)Astrogeology
(4)Lunar geology
(3)Economic geology
(4)Petroleum geology
(5)Oil fields
(3)Engineering geology
(3)Geomorphology
(4)Glacial geology
(4)Orography
(4)Petrography
(4)Sedimentation
(4)Structural geology
(5)Faults(Geology)
(5)Folds(Geology)
(5)Geologic formation
(3)Glaciology
(3)Hydrogeology
(4)Hydraulic conductivity
(3)Lithology
(3)Marine geology
(3)Metamorphic geology
(4)Soil consolidation
(3)Paleontology
(4)Mesozoic era
(4)Micropaleontology
(3)Petrology
(4)Mineralization
(3)Photogeology
(3)Rock
(4)Boulders
(4)Igneous rock
(5)Basalt
(5)Feldspar
(6)Plagioclase
(5)Granite
(5)Lava
(5)Magma
(5)Margarite
(5)Pegmatite
(5)Peridotite
(5)Tourmaline
(4)Metamorphic rock
(5)Quartzite
(5)Schist
(4)Sedimentary rock
(5)Anthracite
(5)Clay
(6)Clay minerals
(7)Fullers earth
(7)Kaolinite
(7)Montmorillonite
(7)Talc
(5)Coal
(6)Anthracite
(6)Bituminous coal
(6)Char oil
(5)Gypsum
(5)Limestone
(5)Rock salt
(5)Sandstone
(5)Shale
(6)Oil shales
(4)Tuff
(3)Sedimentology
(4)Petrography
(4)Sedimentary rock
(5)Anthracite
(5)Clay
(6)Clay minerals
(7)Fullers earth
(7)Kaolinite
(7)Montmorillonite
(7)Talc
(5)Coal
(6)Anthracite
(6)Bituminous coal
(6)Char oil
(5)Gypsum
(5)Limestone
(5)Rock salt
(5)Sandstone
(5)Shale
(6)Oil shales
(4)Sedimentation
(3)Stratigraphy
(3)Tectonics
(4)Earth movements
(5)Earth tides
(5)Earthquakes
(6)Epicenters
(6)Tsunamis
(5)Ground motion
(5)Landslides
(5)Orogeny
(4)Plate tectonics
(5)Continental drift
(5)Seafloor spreading
(3)Volcanism
(2)Geophysics
(3)Geodynamics
(4)Geomorphology
(5)Glacial geology
(5)Orography
(5)Petrography
(5)Sedimentation
(5)Structural geology
(6)Faults(Geology)
(6)Folds(Geology)
(6)Geologic formation
(4)Marine geophysics

(5)Seafloor spreading
(4)Tectonics
(5)Earth movements
(6)Earth tides
(6)Earthquakes
(7)Epicenters
(7)Tsunamis
(6)Ground motion
(6)Landslides
(6)Orogeny
(5)Plate tectonics
(6)Continental drift
(6)Seafloor spreading
(3)Geomagnetism
(4)Paleomagnetism
(2)Hydrology
(3)Drainage
(4)Flooding
(5)Floods
(4)Watersheds
(3)Drawdown
(3)Hydrogeology
(4)Hydraulic conductivity
(3)Streamflow analysis
(3)Water distribution
(2)Isostatic change
(2)Limnology
(3)Water distribution
(2)Meteorology
(3)Climatology
(4)Climate
(5)Marine climatology
(5)Microclimatology
(4)Paleoclimatology
(3)Marine meteorology
(3)Micrometeorology
(3)Radar meteorology
(3)Satellite meteorology
(3)Synoptic meteorology
(3)Weather
(4)Air mass analysis
(4)All weather
(4)Clear weather
(4)Cold weather
(4)Drought
(4)Hot weather
(4)Meteorological data
(2)Mineralogy
(2)Mining engineering
(3)Mines(Excavations)
(4)Coal mines
(4)Mine shafts
(4)Surface mines
(2)Oceanography
(3)Chemical oceanography
(3)Fronts(Oceanography)
(3)Marine biology
(3)Marine geology
(3)Marine geophysics
(4)Seafloor spreading
(3)Marine meteorology
(3)Military oceanography
(3)Oceanographic data
(4)Bathymetry
(4)Bathythermograph data
(4)Gek data
(2)Seismology
(3)Earth movements
(4)Earth tides
(4)Earthquakes
(5)Epicenters
(5)Tsunamis
(4)Ground motion
(4)Landslides
(4)Orogeny
(3)Earthquakes
(4)Epicenters
(4)Tsunamis
(3)Seismic data
(1)Metallurgy
(2)Castings
(2)Deoxidation(Metallurgy)
(2)Eutectics
(2)Fiber metallurgy
(2)Grain structures(Metallurgy)
(3)Grain boundaries
(2)Hydrometallurgy
(2)Physical metallurgy
(3)Metallography
(4)Fractography
(3)Tractable
(2)Porous metals
(3)Foamed metals
(2)Powder metallurgy
(2)Pyrometallurgy
(2)Segregation(Metallurgy)
(1)Physics
(2)Astrophysics
(2)Atmospheric physics
(3)Atmospheric scattering
(4)Afterglows
(3)Cloud physics
(2)Biophysics
(3)Biodynamics
(3)Biosonar
(3)Health physics
(2)Geophysics
(3)Geodynamics
(4)Geomorphology
(5)Glacial geology
(5)Orography
(5)Petrography
(5)Sedimentation
(5)Structural geology
(6)Faults(Geology)
(6)Folds(Geology)
(6)Geologic formation
(4)Marine geophysics
(5)Seafloor spreading
(4)Tectonics
(5)Earth movements
(6)Earth tides
(6)Earthquakes
(7)Epicenters
(7)Tsunamis
(6)Ground motion
(6)Landslides
(6)Orogeny
(5)Plate tectonics
(6)Continental drift

(6)Seafloor spreading
(3)Geomagnetism
(4)Paleomagnetism
(2)Nuclear physics
(3)Nuclear forces(Physics)
(3)Particle accelerator techniques
(4)Alpha bombardment
(4)Deuteron bombardment
(4)Helium bombardment
(4)Ion bombardment
(4)Proton bombardment
(4)Triton bombardment
(2)Plasmas(Physics)
(3)Laser produced plasmas
(3)Plasma devices
(4)Plasma accelerators
(4)Plasma engines
(4)Plasma generators
(4)Plasma opening switches
(4)Stellarators
(4)Tokamaks
(3)Plasma instabilities
(3)Plasma jets
(3)Plasma oscillation
(3)Plasma sheaths
(3)Plasma waves
(3)Plasmons
(3)Solar wind
(3)Z pinch plasmas
(2)Psychophysics
(2)Solar physics
(3)Solar structure
(4)Solar atmosphere
(5)Chromosphere
(5)Photosphere
(5)Solar corona
(2)Solid state physics
(3)Spin waves

Physiology
(1)Adaptation(Physiology)
(2)Acclimatization
(3)Altitude acclimatization
(3)Heat acclimatization
(2)Dark adaptation
(2)Homeostasis
(1)Aging(Physiology)
(1)Albinism
(1)Blood circulation
(2)Blood brain barrier
(2)Ischemia
(2)Pulmonary blood circulation
(1)Blood pressure
(1)Body temperature
(2)Heat production(Biology)
(2)Hyperthermia
(2)Hypothermia
(1)Digestion(Biology)
(2)Metabolites
(1)Electrolytes(Physiology)
(1)Electrophysiology
(1)Emesis
(1)Equilibrium(Physiology)
(1)Excretion
(1)Exercise(Physiology)
(1)Fatigue(Physiology)
(1)Growth(Physiology)
(2)Dysplasia
(2)Maturation
(2)Morphology(Biology)
(3)Morphogenesis
(2)Osteogenesis
(2)Plant growth
(3)Germination
(3)Plant hormones
(1)Mastication
(1)Melanism
(1)Metabolism
(2)Carbohydrate metabolism
(2)Catabolism
(2)Glycolysis
(2)Hypermetabolism
(2)Lipid metabolism
(2)Phosphorylation
(2)Protein metabolism
(1)Neurochemical transmission
(1)Neuromuscular transmission
(2)Synapse
(1)Neurophysiology
(2)Nerve blocking
(1)Osteolysis
(1)Pathophysiology
(1)Perception
(2)Appetite
(2)Auditory perception
(3)Psychoacoustics
(2)Contrast
(3)Legibility
(3)Photographic contrast
(4)Photographic texture
(2)Pain
(2)Space perception
(2)Thirst
(2)Thresholds(Physiology)
(2)Visual perception
(3)Flicker
(3)Illusions
(3)Video integration
(1)Perspiration
(1)Physiological effects
(2)Irritation
(2)Physiological disorientation
(1)Posture(Physiology)
(1)Psychophysiology
(2)Motor reactions
(3)Peristalsis
(3)Psychomotor function
(2)Positioning reactions
(2)Space perception
(1)Reflexes
(2)Vasomotor reflexes
(1)Regeneration(Physiology)
(1)Relaxation(Physiology)
(1)Reproduction(Physiology)
(2)Breeding
(2)Contraception
(2)Embryos
(3)Fetus
(2)Fertility
(3)Birth

(4)Stillbirths
(3)Estrous cycle
(4)Menstruation
(4)Ovulation
(3)Pregnancy
(3)Spermatogenesis
(2)Incubation
(2)Ontogeny
(2)Placenta
(2)Reproductive system
(3)Scrotum
(3)Sex glands
(4)Ovaries
(5)Vitelline glands
(4)Prostate gland
(4)Testes
(3)Uterus
(1)Respiration
(2)Artificial respiration
(2)Dyspnea
(2)Exhalation
(2)Inhalation
(2)Pleural pressure
(2)Pressure breathing
(1)Secretion
(1)Senses(Physiology)
(2)Hearing
(3)Auditory acuity
(3)Pitch discrimination
(3)Psychoacoustics
(2)Pain
(2)Proprioception
(2)Smell
(2)Taste
(3)Flavor
(2)Touch
(2)Vision
(3)Afterimages
(3)Color vision
(3)Night vision
(3)Peripheral vision
(3)Visual acuity
(3)Visual perception
(4)Flicker
(4)Illusions
(4)Video integration
(1)Sex
(2)Females
(2)Males
(1)Shivering
(1)Sleep
(2)Dreams
(2)Rapid eye movement in sleep
(1)Stimulation(Physiology)
(1)Strength(Physiology)
(1)Stress(Physiology)
(2)Altitude sickness
(2)Decompression sickness
(2)Deprivation
(3)Food deprivation
(3)Sensory deprivation
(3)Sleep deprivation
(4)Insomnia
(3)Social deprivation
(3)Water privation
(2)Effusion
(2)Endurance(Physiology)
(2)Heat stress(Physiology)
(2)Hypertonic
(2)Incapacitation
(2)Motion sickness
(2)Repetitive stress injuries
(2)Starvation
(1)Tolerances(Physiology)
(2)Acceleration tolerance
(2)Cold tolerance
(2)Drug tolerance
(2)Heat tolerance
(2)Radiation tolerance
(2)Toxic tolerances
(1)Vasomotor reactions

Pipes
(1)Exhaust pipes
(1)Heat pipes
(1)Pipe bends
(1)Pipelines
(1)Piping systems
(1)Steam pipes
(1)Water pipes

Planning
(1)Defense planning
(2)Defense in depth
(2)Military planning
(3)Air Force planning
(3)Army planning
(3)Marine Corps planning
(3)Naval planning
(1)Logistics planning
(2)Prepositioning(Logistics)
(1)Management planning and control
(2)Gantt charts
(2)Network analysis(Management)
(3)Critical path methods
(2)PERT
(2)Planning programming budgeting
(1)Regional planning
(2)Urban planning
(1)Urban planning

Plates
(1)Armor plate
(1)Faceplates
(1)Flyer plates
(1)Metal plates
(2)Ship plates
(1)Photographic plates

Platforms
(1)Floating platforms
(1)Stabilized platforms

Pneumatic equipment
(1)Air springs
(1)Air supplies
(2)Bellows
(1)Bleed systems
(1)Compressors
(2)Air compressors

(2)Compressor components
(2)Gas compressors
(2)High pressure compressors
(2)Mixed flow compressors
(2)Oil free compressors
(2)Refrigerant compressors
(2)Rotary compressors
(3)Axial flow compressors
(3)Centrifugal compressors
(4)Aerothermopressors
(2)Superchargers
(3)Turbochargers
(4)Turbosuperchargers
(1)Pneumatic actuators
(1)Pneumatic brakes
(1)Pneumatic servomechanisms
(1)Pneumatic valves
(2)Electropneumatic valves

Polarity
(1)Depolarization
(1)Multipolarity
(1)Polarization
(2)Anodic polarization
(2)Cross polarization
(2)Linear polarization
(2)Lorentz force
(2)Polarizers

Policies
(1)Foreign policy

Pollution abatement
(1)Air pollution control equipment
(2)Scrubbers
(1)Decontamination
(1)Water pollution abatement
(2)Water pollution control equipment

Position(Location)
(1)Bottom
(2)Ocean bottom
(3)Ocean bottom sampling
(3)Ocean bottom soils
(3)Ocean bottom topography
(4)Ocean ridges
(5)East Pacific Rise
(5)Midatlantic Ridge
(4)Seamounts
(4)Submarine canyons
(4)Submarine troughs
(5)Submarine trenches
(2)Underbottom
(1)Centralized
(1)Outdoor
(1)Translocation

Posture(General)
(1)Posture(Physiology)

Potting compounds
(1)Embedding substances

Power
(1)Electric power
(2)Brownouts(Electric power)
(2)Electric power production
(3)Power supplies
(4)Fuel cells
(5)Hydrogen oxygen fuel cells
(3)Thermionic power generation
(3)Thermoelectric power generation
(4)Radioisotope thermoelectric devices
(2)Uninterruptable power generation
(1)High power
(1)Horsepower
(1)Hydraulic power
(1)Low power
(1)Medium power
(1)Peak power
(1)Radiofrequency power

Power distribution
(1)Electric power distribution
(2)Electric power transmission

Power equipment
(1)Power dividers
(1)Power supplies
(2)Fuel cells
(3)Hydrogen oxygen fuel cells
(1)Power transformers
(1)Rotary inverters
(1)Solar panels
(2)Solar cells
(2)Solar collectors
(1)Thermionic converters

Precipitation
(1)Artificial precipitation
(1)Atmospheric precipitation
(2)Hydrometeors
(3)Fog
(4)Cold fog
(4)Ice fog
(3)Hail
(3)Rain
(4)Acid deposition
(4)Rainfall
(5)Rainfall intensity
(3)Snow
(4)Snow cover
(4)Snowdrifts
(4)Snowfields
(1)Chemical precipitation
(2)Precipitates
(1)Electrostatic precipitation

Predictions
(1)Impact prediction
(1)Mathematical prediction

Preparation
(1)Combat readiness
(1)Operational readiness

Preservation
(1)Biological tissue preservation
(2)Blood preservation
(1)Food preservation
(1)Vitrification(Biology)

Preservatives
(1)Blood preservatives

Pressure
(1)Air pressure
(1)Back pressure
(1)Barometric pressure
(2)Isobars(Pressure)
(2)Microbarometric waves
(1)Base pressure
(1)Blood pressure
(1)Dynamic pressure
(1)High pressure
(2)Hyperbaric conditions
(3)Hyperbaric chambers
(4)Decompression chambers
(1)Internal pressure
(1)Low pressure
(2)Hypobaric conditions
(3)Hypobaric chambers
(1)Osmotic pressure
(1)Overpressure
(1)Partial pressure
(1)Pore pressure
(1)Pressure regulators
(1)Pressure signatures
(1)Radiation pressure
(1)Sound pressure
(1)Stagnation pressure
(1)Static pressure
(2)Hydrostatic pressure
(1)Vapor pressure
(1)Variable pressure

Pressure vessels
(1)Gas cylinders

Prevention
(1)Ice prevention

Printing
(1)Electronic publishing
(1)Photocomposition
(1)Typography

Printing equipment
(1)Photographic printers
(2)Contact printers
(2)Projection printers
(3)Photographic rectifiers
(1)Printers(Data processing)
(1)Teleprinters

Processing
(1)Batch processing
(1)Continuous processing
(1)Image processing
(2)Feature extraction
(2)Image compression
(2)Image dissection
(2)Image registration
(2)Image restoration
(2)Scene generation
(2)Sensor fusion
(1)Information processing
(2)Corporate information management
(2)Data processing
(3)Associative processing
(3)Data management
(4)Relational data bases
(3)Data reduction
(4)Tabulation processes
(3)Data storage systems
(4)Buffer storage
(4)Core storage
(4)Magnetic drums
(4)Magnetic tape
(4)Mass storage
(4)Optical storage
(5)Compact disks
(4)Word organized storage
(3)Distributed data processing
(3)Input output processing
(4)Graphical user interface
(5)Internet browsers
(4)Read out techniques
(2)Hypertext
(2)Information retrieval
(3)Subject indexing
(4)Machine aided indexing
(2)Information transfer
(3)Information exchange
(1)Message processing
(1)Optical processing
(2)Optical storage
(3)Compact disks
(1)Parallel processing
(1)Photographic processing
(2)Dry photographic processing
(1)Preprocessing
(1)Signal processing
(1)Text processing

Processing equipment
(1)Data processing equipment
(2)Coders
(2)Computers
(3)Analog computers
(4)Analog computer analysis
(3)Asynchronous computers
(3)Central processing units
(4)Binary processors
(4)Parallel processors
(4)Serial processors
(3)Computer architecture
(4)High level architecture
(4)Open system architecture
(3)Computer networks
(4)Client server systems
(4)Computer gateways
(4)Local area networks
(5)Intranet
(4)Network architecture
(4)Network topology

(4)Wide area networks
(5)Internet
(6)Internet browsers
(3)Data storage systems
(4)Buffer storage
(4)Core storage
(4)Magnetic drums
(4)Magnetic tape
(4)Mass storage
(4)Optical storage
(5)Compact disks
(4)Word organized storage
(3)Digital computers
(4)Digital differential analyzers
(3)Fire control computers
(4)Bombing computers
(4)Impact computers
(4)Parallax computers
(4)Radar range computers
(4)Torpedo data computers
(3)Guidance computers
(3)Guided missile computers
(3)Host computers
(3)Hybrid computers
(3)Microcomputers
(4)Pocket computers
(3)Minicomputers
(3)Navigation computers
(3)Supercomputers
(2)Data processing terminals
(2)Decoders
(2)Delineators
(2)Input output devices
(3)Analog to digital converters
(3)Data processing terminals
(3)Digital to analog converters
(3)Light pens
(3)Plotters
(4)Plotting boards
(4)Stereoscopic map plotters
(3)Punched cards
(3)Punched tape
(3)Punching machines
(3)Reading machines
(4)Punched card readers
(5)Electronic accounting machines
(2)Memory devices
(3)Bubble memories
(3)Buffer storage
(3)Core storage
(3)Cryogenic storage devices
(3)Magnetic disks
(3)Magnetic drums
(3)Magnetic film memories
(3)Nonvolatile memories
(3)Optical storage
(4)Compact disks
(3)Random access computer storage
(4)Block oriented random access memories
(3)Read only memories
(3)Read write memories
(3)Scratchpad memories
(3)Shift registers
(4)Digital combiners
(3)Thin film storage devices
(2)Offline systems
(2)Online systems
(2)Printers(Data processing)
(1)Front end processors
(1)Macroprocessors
(1)Microprocessors
(2)Microcomputers
(3)Pocket computers
(1)Multiprocessors
(1)Photographic processing equipment
(2)Photographic driers
(2)Photographic printers
(3)Contact printers
(3)Projection printers
(4)Photographic rectifiers
(2)Photographic processors
(3)Projection printers
(4)Photographic rectifiers
(1)Stirrers

Production
(1)Industrial production

Profiles
(1)Curved profiles
(2)Aspherical lenses
(1)Mission profiles
(1)Profilometers

Propagation
(1)Crack propagation
(1)Nonlinear propagation analysis
(1)Plant propagation
(1)Wave propagation
(2)Electromagnetic wave propagation
(3)Light transmission
(4)Dichroism
(4)Rayleigh scattering
(3)Radio transmission
(4)Ionospheric propagation
(5)Luxemburg effect
(4)Microwave transmission
(4)Space diversity communications
(2)Focusing
(2)Multipath transmission
(3)Space diversity communications
(2)Retransmission
(2)Sound transmission

Propellants
(1)Ball powder propellants
(1)Flashless propellants
(1)Gun propellants
(2)Double base gun propellants
(2)Liquid gun propellants
(1)High energy propellants
(1)Hybrid propellants
(2)Hybrid rocket propellants
(1)Liquid propellants
(2)Bipropellants
(2)Liquid rocket propellants
(3)Cryogenic propellants
(3)Liquid rocket fuels
(4)Hydrazines
(5)Aerozine

(5)Hydrazine derivatives
(6)Methyl hydrazines
(7)Dimethylhydrazines
(3)Liquid rocket oxidizers
(3)Storable rocket propellants
(3)Thixotropic rocket propellants
(2)Monopropellants
(3)Aluminized propellants
(1)Multibase propellants
(2)Double base propellants
(3)Double base rocket propellants
(1)Propellant grains
(2)Rocket propellant grains
(1)Propelling charges
(2)Projector charges
(1)Rocket propellants
(2)Gaseous rocket propellants
(2)Hybrid rocket propellants
(2)Hypergolic rocket propellants
(2)Liquid rocket propellants
(3)Cryogenic propellants
(3)Liquid rocket fuels
(4)Hydrazines
(5)Aerozine
(5)Hydrazine derivatives
(6)Methyl hydrazines
(7)Dimethylhydrazines
(3)Liquid rocket oxidizers
(3)Storable rocket propellants
(3)Thixotropic rocket propellants
(2)Solid rocket propellants
(3)Double base rocket propellants
(3)Rocket propellant grains
(1)Smokeless propellants
(2)Ballistite
(1)Solid propellants
(2)Composite propellants
(2)Solid rocket propellants
(3)Double base rocket propellants
(3)Rocket propellant grains
(1)Torpedo propellants

Propellers
(1)Aerial propellers
(1)Controllable pitch propellers
(1)Counterrotating propellers
(1)Dual rotation propellers
(1)Marine propellers
(2)Cycloidal propellers
(2)Supercavitating propellers
(1)Shrouded propellers
(1)Variable pitch propellers

Propulsion systems
(1)Electric propulsion
(1)Hybrid propulsion
(1)Jet propulsion
(1)Marine propulsion
(2)Marine nuclear propulsion
(2)Marine surface propulsion
(2)Underwater propulsion
(1)Nuclear propulsion
(2)Aircraft nuclear propulsion
(2)Marine nuclear propulsion
(2)Spacecraft nuclear propulsion
(1)Postboost propulsion systems
(1)Propulsion system components
(2)Oars
(2)Propulsion gears
(1)Rocket propulsion
(1)Self propelled
(2)Self propelled guns
(1)Space propulsion
(2)Spacecraft nuclear propulsion
(1)Surface propulsion
(2)Marine surface propulsion
(1)Thermal propulsion systems
(1)Thermochemical propulsion
(1)Waterjet propulsion

Protection
(1)Collective protection
(1)Environmental protection
(1)Fire protection
(2)Fire extinguishing agents
(2)Fire fighting
(1)Lightning protection
(2)Lightning arresters
(1)Protective equipment
(2)Ear protectors
(2)Protective clothing
(3)Aprons
(3)Body armor
(3)Coveralls
(3)Exposure suits
(3)Flak suits
(3)Gasproof clothing
(3)Gloves
(4)Rubber gloves
(3)Headgear
(4)Hard hats
(4)Helmets
(5)Flight helmets
(4)Visors
(3)Parkas
(3)Pressure suits
(4)G suits
(3)Protective masks
(4)Gas masks
(4)Protective mask canisters
(4)Protective mask facepieces
(4)Protective mask filters
(3)Underwater clothing
(4)Diving suits
(4)Wet suits
(3)Vests
(2)Protective coverings
(3)Paulins
(2)Shelters
(3)Blast resistant shelters
(3)Fallout shelters
(3)Greenhouses
(3)Hangars
(3)Housing(Dwellings)
(4)Barracks
(4)Housing projects
(3)Portable shelters
(3)Tents
(2)Windshields
(1)Protective treatments

(2)Anodic coatings
(2)Chromizing
(2)Moistureproofing
(2)Mothproofing
(2)Phosphate coatings
(2)Protective coatings
(3)Antifouling coatings
(3)Barrier coatings
(3)Fire resistant coatings
(3)Lacquers
(3)Polishes
(3)Refractory coatings
(2)Waterproofing
(2)Weatherproofing
(3)Winterization
(1)Radiation protection
(2)Nuclear radiation protection
(2)Radioprotective agents

Proteins
(1)Blood proteins
(2)Fibrin
(2)Fibrinogen
(2)Globulins
(3)Immunoglobulins
(3)Muscle proteins
(3)Myoglobulin
(3)Myosin
(3)Ricin
(3)Serum globulin
(4)Alpha globulin
(4)Gamma globulin
(2)Hemoglobin
(3)Methemoglobin
(2)Interferon
(2)Properdin
(2)Serum albumin
(2)Thrombin
(3)Prothrombin
(2)Thromboplastin
(1)Ferredoxin
(1)Ferritin
(1)Gluten
(1)Glycinin
(1)Interferon
(1)Muscle proteins
(1)Proteins(Conjugated)
(2)Chromoproteins
(3)Hemoglobin
(4)Methemoglobin
(2)Glycoproteins
(3)Mucin
(2)Haptoglobins
(2)Lipoproteins
(2)Muscle proteins
(2)Nucleoproteins
(2)Phosphoproteins
(3)Casein
(1)Proteins(Derived)
(2)Gelatins
(2)Peptides
(3)Endorphins
(3)Glutathione
(2)Peptones
(1)Proteins(Simple)
(2)Albuminoids
(3)Collagen
(4)Tropocollagen
(2)Albumins
(3)Egg albumin
(3)Serum albumin
(2)Fibroin
(2)Globulins
(3)Immunoglobulins
(3)Muscle proteins
(3)Myoglobulin
(3)Myosin
(3)Ricin
(3)Serum globulin
(4)Alpha globulin
(4)Gamma globulin
(2)Histones
(2)Prolamines
(2)Protamines
(1)Serum proteins
(1)Soy protein

Protuberances
(1)Aircraft protuberances
(2)Aircraft turrets

Proximity devices
(1)Proximity fuzes
(2)Electrostatic fuzes
(2)Hydrostatic fuzes
(2)Magnetic fuzes
(2)Radio proximity fuzes

Pulmonary function
(1)Pulmonary insufficiency

Pulses
(1)Electromagnetic pulses
(2)Infrared pulses
(2)Internal electromagnetic pulses
(2)Light pulses
(3)Light transmission
(4)Dichroism
(4)Rayleigh scattering
(3)Photon bombardment
(2)Radiofrequency pulses
(3)Radar pulses
(2)Wave packets
(1)Micropulsations
(1)Pulse trains
(1)Short pulses
(1)Sonar pulses

Pumping
(1)Cryopumping
(2)Cryocoolers
(1)Pumping(Electronics)
(2)Nuclear pumping
(2)Optical pumping
(3)Laser pumping

Pumps
(1)Coolant pumps
(1)Electromagnetic pumps
(1)Feed pumps

(1)Fire pumps
(1)Fuel pumps
(2)Refueling pumps
(1)Gas pumps
(1)Heat pumps
(1)Hydraulic pressure pumps
(1)Hydrogen peroxide pumps
(1)Injectors
(2)Fuel injectors
(1)Jet pumps
(1)Liquid metal pumps
(1)Lubricant pumps
(1)Plunger pumps
(1)Pump components
(1)Reciprocating pumps
(1)Rotary pumps
(2)Centrifugal pumps
(2)Propeller pumps
(1)Suction pumps
(1)Turbopumps
(1)Vacuum pumps
(2)Diffusion pumps
(2)Ion pumps
(1)Water pumps

Purification
(1)Desalination
(1)Water treatment
(2)Boiler compounds
(2)Water softeners
(1)Zone melting

Pyrophoric materials
(1)Misch metal

Pyrotechnics
(1)Flares
(2)Aircraft flares
(2)Colored flares
(2)Float flares
(2)Infrared flares
(2)Parachute flares
(2)Rocket flares
(1)Illuminating grenades
(1)Illuminating projectiles
(1)Photoflash ammunition
(2)Photoflash bombs
(2)Photoflash cartridges
(2)Photoflash projectiles
(1)Smoke munitions
(2)Smoke bombs
(2)Smoke projectiles
(1)Spotting charges
(1)White phosphorus

Q

Quality
(1)Air quality
(1)Purity
(1)Quality control
(2)Quality assurance
(3)Optimization
(2)Total quality management
(1)Water quality

Quenching
(1)Quenching(Inhibition)

R

Radar
(1)Airport radar systems
(1)Bistatic radar
(1)Coherent radar
(1)Continuous wave radar
(1)Diversity radar
(1)Doppler radar
(1)Fire control radar
(1)Harbor radar
(1)Meteorological radar
(1)Missile site radar
(1)Monopulse radar
(1)Monostatic radar
(1)Mortar locator radar
(1)Multipath radar
(1)Noise(Radar)
(1)Optical radar
(1)Polyfrequency radar
(1)Radar bombing
(1)Radar equipment
(2)Moving target indicators
(2)Radar antennas
(2)Radar beacons
(2)Radar duplexers
(2)Radar gun sights
(2)Radar range calibrators
(2)Radar receivers
(2)Radar reflectors
(3)Radar confusion reflectors
(4)Chaff
(3)Radar corner reflectors
(2)Radar repeaters
(2)Radar target designators
(2)Radar transmitters
(2)Radomes
(3)Rotodomes
(1)Radar scanning
(1)Radar tracking
(1)Search radar
(2)Acquisition radar
(3)Perimeter acquisition radar
(2)Ground penetrating radar
(2)Side looking radar
(3)Synthetic aperture radar
(1)Skip spin radar
(1)Spin scan radar
(1)Sweep frequency radar
(2)Chirp radar
(1)Terrain analysis radar

Radiation
(1)Background radiation
(1)Coherent radiation
(2)Coherent electromagnetic radiation
(3)Coherent optical radiation
(3)Optical pumping
(4)Laser pumping
(1)Corpuscular radiation
(2)Alpha particles
(2)Beta particles
(2)Electron beams
(2)Neutrinos
(2)Neutron beams
(2)Proton beams
(2)Solar cosmic rays
(1)Electromagnetic radiation
(2)Beams(Electromagnetic)
(3)Laser beams
(3)Radio beams
(4)Microwave beams
(4)Radar beams
(2)Blackbody radiation
(2)Bremsstrahlung
(2)Carrier waves
(2)Cerenkov radiation
(2)Clutter
(3)Radar clutter
(4)Ground clutter
(3)Sea clutter
(2)Coherent electromagnetic radiation
(3)Coherent optical radiation
(3)Optical pumping
(4)Laser pumping
(2)Electromagnetic fields
(3)Electric fields
(4)Electrostatic fields
(3)Far field
(3)Magnetic fields
(4)Magnetic forces
(3)Radio fields
(2)Electromagnetic interference
(3)Blackout(Propagation)
(3)Infrared jamming
(3)Radiofrequency interference
(4)Radar interference
(5)Radar clutter
(6)Ground clutter
(4)Radio interference
(3)Shot noise
(2)Electromagnetic pulses
(3)Infrared pulses
(3)Internal electromagnetic pulses
(3)Light pulses
(4)Light transmission
(5)Dichroism
(5)Rayleigh scattering
(4)Photon bombardment
(3)Radiofrequency pulses
(4)Radar pulses
(3)Wave packets
(2)Electromagnetic wave reflections
(3)Radar reflections
(4)Radar clutter
(5)Ground clutter
(4)Radar cross sections
(4)Radar reflectors
(5)Radar confusion reflectors
(6)Chaff
(5)Radar corner reflectors
(2)Gamma rays
(3)Neutron capture gamma rays
(2)Infrared radiation
(3)Far infrared radiation
(3)Infrared pulses
(3)Intermediate infrared radiation
(3)Near infrared radiation
(2)Light
(3)Airglow
(3)Cerenkov radiation
(3)Daylight
(4)Day
(4)Sunlight
(4)Twilight
(3)Earthshine
(3)Light pulses
(4)Light transmission
(5)Dichroism
(5)Rayleigh scattering
(4)Photon bombardment
(3)Low light levels
(4)Moonlight
(4)Starlight
(5)Zodiacal light
(6)Gegenschein
(4)Twilight
(3)Monochromatic light
(3)Underwater light
(3)White light
(3)Zodiacal light
(4)Gegenschein
(2)Radar signals
(3)Radar pulses
(3)Radar reflections
(4)Radar clutter
(5)Ground clutter
(4)Radar cross sections
(4)Radar reflectors
(5)Radar confusion reflectors
(6)Chaff
(5)Radar corner reflectors
(2)Radio waves
(3)Atmospherics
(4)Dawn chorus
(4)Precipitation static
(4)Whistlers
(3)Direct waves(Radio waves)
(3)Extraterrestrial radio waves
(4)Decametric radiation
(3)Ground waves(Electromagnetic)
(3)Microwaves
(4)Millimeter waves
(3)Radio beams
(4)Microwave beams
(4)Radar beams
(3)Radio signals
(3)Sky waves
(3)Submillimeter waves
(3)Whistlers
(2)Synchrotron radiation
(2)Thermal radiation

(2)Ultraviolet radiation
(3)Far ultraviolet radiation
(4)Vacuum ultraviolet radiation
(3)Near ultraviolet radiation
(3)Solar ultraviolet radiation
(2)X rays
(3)Hard x rays
(3)Soft x rays
(3)Solar x rays
(3)Tomography
(4)Acoustic tomography
(4)Computerized tomography
(4)Positron emission tomography
(3)X ray flash
(3)X ray optics
(1)Extraterrestrial radiation
(1)Heavy particle radiation
(1)Ionizing radiation
(2)Alpha particles
(2)Beta particles
(2)Cosmic rays
(3)Galactic cosmic rays
(3)Solar cosmic rays
(2)Gamma rays
(3)Neutron capture gamma rays
(2)Ultraviolet radiation
(3)Far ultraviolet radiation
(4)Vacuum ultraviolet radiation
(3)Near ultraviolet radiation
(3)Solar ultraviolet radiation
(2)X rays
(3)Hard x rays
(3)Soft x rays
(3)Solar x rays
(3)Tomography
(4)Acoustic tomography
(4)Computerized tomography
(4)Positron emission tomography
(3)X ray flash
(3)X ray optics
(1)Irradiation
(2)Deuteron bombardment
(2)Electron irradiation
(2)Neutron irradiation
(2)Partial body irradiation
(2)Whole body irradiation
(1)Nuclear radiation
(2)Alpha particles
(2)Beta particles
(2)Fast neutrons
(2)Fission neutrons
(3)Prompt neutrons
(2)Gamma emission
(2)Gamma rays
(3)Neutron capture gamma rays
(2)Thermal neutrons
(1)Radiation absorption
(1)Radiation attenuation
(1)Resonance radiation
(2)Mossbauer effect
(1)Solar radiation
(2)Solar cosmic rays
(2)Solar energy
(2)Solar ultraviolet radiation
(2)Solar wind
(2)Solar x rays
(2)Sunlight
(1)Terrestrial radiation
(1)Ultrasonic radiation

Radiation effects
(1)Radiation damage
(2)Transient radiation effects
(1)Radiation injuries
(2)Chorioretinal burns
(1)Radiation sickness
(1)Radiosterilization

Radiators(General)
(1)Radiators(Heating and cooling)
(2)Heat exchangers
(2)Heat sinks

Radioactivity
(1)Artificial radioactivity
(1)Fission product activity
(1)Natural radioactivity

Rails
(1)Railroad tracks

Range(Distance)
(1)Intermediate range(Distance)
(1)Long range(Distance)
(1)Short range(Distance)
(1)Slant range

Range(Extremes)
(1)Dynamic range
(2)High dynamic range
(1)Long range(Distance)
(1)Long range(Time)
(1)Peak values
(2)Peak power

Range finding
(1)Coincidence range finding
(1)Sound ranging
(2)Echo ranging
(1)Stereoscopic range finding

Rates
(1)Burning rate
(1)Cyclic rate
(1)Data rate
(1)Dose rate
(1)Firing rate
(1)Flow rate
(1)Flux(Rate)
(2)Heat flux
(2)Particle flux
(3)Electron flux
(3)Neutron flux
(1)Heart rate
(1)High rate
(1)Lapse rate
(1)Low rate
(1)Morbidity
(1)Mortality rate
(1)Production rate

(1)Pulse rate
(1)Reaction kinetics
(2)Arrhenius equation
(2)Breakpoint temperature
(1)Repetition rate
(1)Strain rate

Ratings
(1)Figure of merit
(1)Qualifications
(1)Ranking

Ratios
(1)Aspect ratio
(1)Compression ratio
(1)Conversion ratio
(1)Fineness ratio
(1)Froude number
(1)Fuel air ratio
(1)Indexes(Ratios)
(2)Price index
(1)Lift to drag ratio
(1)Nozzle area ratio
(1)Poisson ratio
(1)Signal to noise ratio
(1)Standing wave ratios
(1)Strength weight ratio

Reactor fuel processing
(1)Reactor fuel enrichment

Reactor operation
(1)Reactor accidents
(1)Reactor control
(2)Reactor shutdown
(1)Reactor feasibility studies
(1)Reactor hazards
(1)Reactor inspection
(1)Reactor kinetics
(2)Reactor criticality

Reactor system components
(1)Beam holes
(1)Control rods
(1)Reactor cores
(1)Reactor fuel elements
(2)Reactor fuel plates
(2)Reactor fuel rods
(1)Reactor reflectors
(1)Reactor safety systems
(2)Reactor safety fuzes
(1)Reactor start up sources
(1)Thermal column

Reactor theory
(1)Neutron multiplication factor
(1)Neutron transport theory
(1)Reactor shielding calculations

Reading
(1)Map reading

Receivers
(1)Infrared receivers
(1)Radar receivers
(1)Radio receivers
(2)Homodyne radio receivers
(2)Microwave receivers
(3)Crystal video receivers
(2)Superheterodyne receivers
(2)Transmitter receivers
(3)Transponders
(3)Walkie talkies
(1)Repeaters
(2)Radar repeaters
(2)Radio relay systems
(3)Microwave relay systems
(3)Radio relay stations
(2)Radio repeaters
(1)Sonar receivers
(1)Telemetering receivers
(1)Telephone receivers
(1)Teleprinters
(1)Teletypewriters
(1)Ultraviolet receivers

Reception
(1)Radio reception
(2)Diversity reception
(1)Sonar reception

Reclamation
(1)Salvage
(2)Marine salvage
(1)Water reclamation

Recording systems
(1)Cassettes
(1)Depth and roll recorders
(1)Digital recording systems
(1)Electronic recording systems
(2)Acoustic recording systems
(3)Phonographs
(4)Tone arms
(4)Turntables
(2)Dielectric recording systems
(2)Disk recording systems
(2)Magnetic recording systems
(3)Magnetic disks
(3)Magnetic drums
(3)Magnetic film memories
(3)Magnetic tape
(2)Tape recorders
(1)Flight recorders
(1)Photographic recording systems
(1)Seismographs
(1)Tape recording
(2)Video tape recording
(3)Video frames
(1)Vertical gust recorders
(1)Video recording

Recovery
(1)Heat recovery
(1)Materials recovery

Reduction
(1)Depletion
(1)Drag reduction
(1)Noise reduction

(2)Squelch
(1)Shrinkage
(1)Weight reduction

Reels
(1)Cable reels

Reentry vehicles
(1)Maneuverable reentry vehicles
(2)Lifting reentry vehicles

Refining
(1)Electrorefining

Reflection
(1)Acoustic reflection
(2)Bottom bounce
(1)Diffuse reflection
(1)Electromagnetic wave reflections
(2)Radar reflections
(3)Radar clutter
(4)Ground clutter
(3)Radar cross sections
(3)Radar reflectors
(4)Radar confusion reflectors
(5)Chaff
(4)Radar corner reflectors
(1)Glint
(1)Internal reflection
(1)Optical retroreflection
(1)Seismic reflection
(1)Specular reflection
(2)Glare

Reflectors
(1)Corner reflectors
(2)Radar corner reflectors
(1)Mirrors
(2)Coelostats
(2)Deformable mirrors
(1)Radar reflectors
(2)Radar confusion reflectors
(3)Chaff
(2)Radar corner reflectors
(1)Reactor reflectors
(1)Retroreflectors

Refraction
(1)Acoustic refraction
(1)Atmospheric refraction

Regeneration(Engineering)
(1)Superregeneration

Regions
(1)Coastal regions
(2)Estuaries
(3)Chesapeake Bay
(3)Puget Sound
(3)San Francisco Bay
(2)Peninsulas
(3)Baja California
(3)Guajira Peninsula
(3)Iberian Peninsula
(4)Portugal
(4)Spain
(5)Gibraltar
(3)Kamchatka Peninsula
(2)Shores
(3)Beaches
(3)Inshore areas
(3)Offshore
(1)Cold regions
(2)Antarctic regions
(3)Ross Sea
(2)Arctic regions
(2)Marginal ice zones
(2)Polar regions
(3)Polar cap
(2)Subarctic regions
(1)Hot regions
(2)Tropical regions
(3)Equatorial regions
(1)Temperate regions

Reinforcement(Structures)
(1)Fiber reinforcement

Relaxation
(1)Relaxation(Physiology)
(1)Rest
(2)Bed rest
(2)Sleep
(3)Dreams
(3)Rapid eye movement in sleep
(1)Stress relaxation

Relays
(1)Electric relays
(1)Electronic relays
(1)Polarized relays
(1)Time delay relays

Reliability
(1)High reliability
(1)Life expectancy(Service life)
(2)Aging(Materials)
(2)Life tests
(2)Long life
(2)Obsolescence
(2)Shelf life
(1)Reliability(Electronics)

Remote systems
(1)Remote control
(1)Remote detectors
(1)Remote terminals
(1)Remotely piloted vehicles

Removal
(1)Erasure
(1)Extraction
(2)Leaching
(1)Snow removal

Repellents
(1)Fish repellents
(1)Insect repellents
(1)Water repellents

Reproduction
(1)Reproduction(Copying)
(2)Lithography
(3)Electron beam lithography
(3)Microcontact printing
(3)Offset printing
(3)Photolithography
(3)Stereolithography
(3)X ray lithography
(2)Xerography
(1)Reproduction(Physiology)
(2)Breeding
(2)Contraception
(2)Embryos
(3)Fetus
(2)Fertility
(3)Birth
(4)Stillbirths
(3)Estrous cycle
(4)Menstruation
(4)Ovulation
(3)Pregnancy
(3)Spermatogenesis
(2)Incubation
(2)Ontogeny
(2)Placenta
(2)Reproductive system
(3)Scrotum
(3)Sex glands
(4)Ovaries
(5)Vitelline glands
(4)Prostate gland
(4)Testes
(3)Uterus
(1)Sound reproduction systems

Requirements
(1)Military requirements

Rescue equipment
(1)Line throwing equipment
(1)Rescue beacons
(2)Air sea rescue beacons
(1)Rescue vehicles
(2)Ambulances
(1)Sea rescue equipment
(2)Crash rescue boats
(2)Life preservers
(3)Life jackets
(2)Lifeboats

Rescues
(1)Life saving
(1)Sea rescues
(2)Air sea rescues
(1)Search and rescue

Reserve equipment
(1)Reserve batteries
(2)Thermal batteries
(2)Water activated batteries
(3)Sea water batteries

Reservoirs
(1)Oil reservoirs

Resistance
(1)Air resistance
(1)Corrosion resistance
(2)Oxidation resistance
(1)Crash resistance
(1)Electrical resistance
(2)Magnetoresistance
(1)Erosion resistance
(1)Fire resistance
(2)Fire resistant materials
(3)Fire protective clothing
(3)Fire resistant coatings
(3)Fire resistant textiles
(1)Radiation resistance
(1)Resistance(Biology)
(1)Shock resistance
(1)Thermal resistance
(1)Wear resistance

Resolution
(1)High resolution
(1)Low resolution
(1)Numerical aperture

Resonators
(1)Acoustic resonators
(1)Cavity resonators
(2)Laser cavities
(1)Quartz resonators
(1)Tuning forks

Resources
(1)Cultural resources
(1)Human resources
(1)Natural resources
(1)Water resources
(2)Water supplies
(3)Ground water
(4)Aquicludes
(4)Aquifers
(5)Water table
(4)Drawdown
(4)Hard water
(3)Springs(Water)
(3)Water wells

Response
(1)Dynamic response
(2)Modal analysis
(1)Frequency response
(2)Tuning
(1)Reaction time
(2)Quick reaction
(2)Timeliness
(1)Recoil
(1)Response(Biology)
(2)Conditioned response
(2)Galvanic skin response
(2)Motor reactions
(3)Peristalsis
(3)Psychomotor function
(2)Reflexes

(3)Vasomotor reflexes
(1)Structural response

Restraint
(1)Harnesses

Retention(General)
(1)Retention(Psychology)

Retirement
(1)Retirement(Personnel)

Ridges
(1)Ocean ridges
(2)East Pacific Rise
(2)Midatlantic Ridge

Roads
(1)Causeways
(1)Highways

Robotics
(1)Sensor fusion

Rockets
(1)Aircraft rockets
(1)Artillery rockets
(1)Rocket components
(2)Folding fins(Rockets)
(2)Rocket antennas
(2)Rocket closure cups
(2)Rocket engine cases
(2)Rocket fuzes
(2)Rocket igniters
(2)Rocket noses
(2)Rocket nozzles
(2)Rocket warheads
(2)Thrust chambers
(1)Rocket research
(1)Sounding rockets
(1)Spin stabilized rockets
(1)Underwater rockets
(1)Window rockets

Rollers
(1)Bearing rollers

Rotors
(1)Axial flow turbine rotors
(1)Compressor rotors
(1)Impellers
(1)Reverse velocity rotors
(1)Turbine wheels
(2)Gas turbine rotors

S

Safety
(1)Aviation safety
(2)Airworthiness
(1)Boat and ship safety
(1)Crashworthiness
(1)Eye safety
(1)Fail safe
(1)Fire safety
(2)Fire prevention
(2)Fire protection
(3)Fire extinguishing agents
(3)Fire fighting
(1)Guided missile safety
(1)Laser safety
(1)Public safety
(1)Radiation protection
(2)Nuclear radiation protection
(2)Radioprotective agents
(1)Range safety
(1)Risk management
(1)Safety equipment
(2)Air bag restraint systems
(2)Antifogging devices
(2)Fire alarm systems
(2)Marine safety equipment
(3)Deck safety equipment
(4)Deck markers
(3)Life preservers
(4)Life jackets
(3)Life rafts
(3)Lifeboats
(3)Line throwing equipment
(2)Reactor safety systems
(3)Reactor safety fuzes
(2)Safety belts
(1)Safety factor
(2)Margin of safety
(1)Safing and arming(Ordnance)
(1)System safety

Sandwich construction
(1)Sandwich panels

Saturation
(1)Supersaturation

Savings
(1)Cost reduction

Scale
(1)Photographic scale

Scanners
(1)Electronic scanners
(1)Flying spot scanners
(1)Horizon scanners
(1)Panoramic scanners

Scanning
(1)Area scanning
(1)Conical scanning
(1)Line scanning
(1)Mechanical scanning
(1)Optical scanning
(2)Infrared scanning
(1)Radar scanning
(1)Radio scanning
(1)Rosette scan
(1)Scanning sonar

(1)Track while scan

Scattering
(1)Acoustic scattering
(2)Reverberation
(1)Atmospheric scattering
(2)Afterglows
(1)Backscattering
(1)Elastic scattering
(2)Delbruck scattering
(1)Electromagnetic scattering
(2)Light scattering
(2)Mie scattering
(3)Rayleigh scattering
(2)Raman scattering
(1)Electron scattering
(1)Forward scattering
(1)Inverse scattering
(1)Nuclear scattering
(2)Coherent scattering
(2)Gamma ray scattering
(3)Compton scattering
(3)Delbruck scattering
(3)Nuclear fluorescent scattering
(2)Incoherent scattering
(2)Inelastic scattering
(2)Meson scattering
(2)Neutron scattering
(2)Potential scattering
(2)Proton scattering
(2)Resonance scattering
(1)X ray scattering

Scintillation
(1)Ionospheric scintillation

Scoops
(1)Duct inlets

Sealed systems
(1)Watertightness

Seals(Stoppers)
(1)End seals
(1)Fuel seals
(1)Gas seals
(1)Gaskets
(2)Rubber gaskets
(1)Glass seals
(1)Heat sealing
(1)Hermetic seals
(1)Hydraulic seals
(1)Labyrinth seals
(1)Metal seals
(1)O rings
(1)Oil seals
(1)Plastic seals
(1)Pressure seals
(1)Rotary seals
(1)Rubber seals
(1)Stuffing tubes
(1)Vacuum seals

Searching
(1)Search and rescue

Seasons
(1)Autumn
(1)Seasonal variations
(1)Spring season
(1)Summer
(1)Winter

Seats
(1)Aircraft seats
(2)Pilot seats
(1)Ejection seats
(1)Spacecraft seats

Security
(1)Area security
(2)Antiintrusion devices
(1)Classified materials
(1)Electronic security
(2)Data processing security
(3)Antivirus software
(3)Computer access control
(3)Computer viruses
(1)National security
(1)Security personnel

Sediments
(1)Suspended sediments

Seeding
(1)Cloud seeding

Seeds
(1)Spores
(2)Pollen
(2)Sporulation

Selection
(1)Personnel selection
(1)Site selection

Self operation
(1)Self destruct devices
(2)Self destroying fuzes
(1)Self organizing systems
(1)Self propelled
(2)Self propelled guns

Semiactive systems
(1)Semiactive guidance

Sensitivity
(1)High sensitivity
(1)Hypersensitivity
(1)Notch sensitivity
(1)Photosensitivity
(2)Photosensitivity(Biological)

Sensitizing
(1)Desensitizing

Separation
(1)Chemical precipitation
(2)Precipitates
(1)Clarification
(1)Color separation
(1)Degasification
(2)Deaeration
(2)Deoxygenation
(2)Outgassing
(2)Vacuum degassing
(1)Deionization
(1)Delamination
(1)Demineralization
(2)Water softeners
(1)Desalination
(1)Desorption
(1)Dewatering
(2)Dehydration
(1)Dialysis
(2)Electrodialysis
(1)Discontinuities
(1)Dispersing
(1)Distillation
(2)Fractionation
(2)Vacuum distillation
(1)Electrostatic precipitation
(1)Elution
(1)Exfoliation
(1)External store separation
(1)Extraction
(2)Leaching
(1)Filtration
(2)Ultrafiltration
(1)Flotation
(1)Ion exchange
(1)Isotope separation
(2)Centrifuge separation
(2)Gaseous diffusion separation
(2)Isotope exchange
(2)Magnetic separation
(2)Thermal diffusion separation
(1)Material separation
(1)Military separation
(1)Solvent extraction
(1)Sorting
(1)Thermal diffusion
(2)Thermal diffusion separation
(1)Zone melting

Separators
(1)Clarifiers
(1)Cyclone separators
(1)Dehumidifiers
(1)Demineralizers
(2)Water softeners
(1)Drying apparatus
(2)Evaporators
(2)Photographic driers
(1)Hydrocyclones

Servomechanisms
(1)Hydraulic servomechanisms
(1)Pneumatic servomechanisms
(1)Servoamplifiers
(1)Servomotors
(2)Synchros
(1)Servovalves

Shadows
(1)Silhouettes

Shafts(Machine elements)
(1)Axle shafts
(1)Crankshafts
(1)Drive shafts
(1)Flexible shafts

Sharing
(1)Time sharing

Sheets
(1)Sheet metal
(1)Webs(Sheets)

Shielding
(1)Heat shields
(1)Radiation shielding
(2)Electromagnetic shielding

Ships
(1)Advanced range instrumentation ships
(1)Air capable ships
(1)Cargo ships
(2)Containerships
(1)Coast Guard ships
(2)Cutters(Vessels)
(1)Fleets(Ships)
(1)Hybrid marine vehicles
(1)Icebreakers
(1)Lightships
(1)Merchant vessels
(1)Naval vessels
(2)Naval vessels(Combatant)
(3)Aircraft carriers
(3)Amphibious ships
(4)Amphibious assault ships
(3)Battleships
(3)Cruisers
(3)Destroyers
(3)Escort ships
(4)Destroyer escorts
(3)Frigates
(3)Guided missile ships
(3)Landing craft
(3)Minelayers
(3)Minesweepers
(4)Paravanes
(3)Patrol craft
(4)Motor torpedo boats
(3)Picket ships
(3)Sea control ships
(3)Submarine chasers
(3)Submarines
(4)Attack submarines
(4)Nuclear powered submarines
(5)Ballistic missile submarines
(4)Submarine hulls
(5)Submarine sails
(2)Naval vessels(Support)
(3)Submarine rescue vessels

(3)Tanker ships
(3)Tenders(Vessels)
(3)Transport ships
(2)Yard craft
(1)Nuclear powered ships
(2)Nuclear powered submarines
(3)Ballistic missile submarines
(1)Research ships
(2)Oceanographic ships
(1)Ship auxiliary equipment
(2)Deck safety equipment
(3)Deck markers
(2)Draft indicators(Nautical)
(2)Life rafts
(2)Lifeboats
(2)Marine safety equipment
(3)Deck safety equipment
(4)Deck markers
(3)Life preservers
(4)Life jackets
(3)Life rafts
(3)Lifeboats
(3)Line throwing equipment
(2)Ship telephone systems
(1)Small ships
(1)Sunken ships
(1)Surface effect ships
(1)System test vessels

Shock
(1)Bow shock
(1)Shock(Mechanics)
(2)Ground shock
(2)Impact shock
(3)Landing impact
(4)Cratering
(1)Shock(Pathology)
(2)Endotoxic shock
(2)Hemorrhagic shock
(2)Shock therapy
(2)Traumatic shock
(1)Shock resistance
(1)Shock tests
(1)Shock waves
(2)Sonic boom
(1)Thermal shock

Shops(Work areas)
(1)Repair shops

Shunts
(1)Electric shunts

Signals
(1)Acoustic signals
(2)Auditory signals
(2)Underwater sound signals
(3)Sonar signals
(4)Sonar echoes
(4)Sonar pulses
(1)Analog signals
(1)Beat signals
(1)Distress signals
(1)False signals
(2)False alarms
(2)False targets
(1)Fog signals
(1)Radar signals
(2)Radar pulses
(2)Radar reflections
(3)Radar clutter
(4)Ground clutter
(3)Radar cross sections
(3)Radar reflectors
(4)Radar confusion reflectors
(5)Chaff
(4)Radar corner reflectors
(1)Radio signals
(1)Signal lights
(2)Identification lights
(2)Navigational lights
(3)Approach lights
(3)Beacon lights
(3)Lighthouses
(3)Marker lights
(1)Telegraph signals
(1)Telephone signals
(1)Time signals
(1)Video signals
(1)Visual signals
(2)Flags

Signatures
(1)Acoustic signatures
(1)Aircraft signatures
(1)Magnetic signatures
(1)Optical signatures
(2)Infrared signatures
(1)Pressure signatures
(1)Radar signatures
(2)Radar footprint
(1)Seismic signatures
(1)Ship signatures
(2)Submarine signatures
(1)Spectrum signatures
(1)Target signatures
(2)Guided missile signatures

Simulation
(1)Flight simulation
(1)Mathematical models
(2)Computerized simulation
(3)Analog simulation
(3)Combat simulation
(3)Digital simulation
(3)Distributed interactive simulation
(4)Collaborative virtual prototyping
(3)Hybrid simulation
(2)Economic models
(3)Cost models
(3)Obsolescence theory
(1)Nuclear explosion simulation
(1)Simulators
(2)Antenna simulators
(2)Control simulators
(2)Electromagnetic pulse simulators
(2)Flight simulators
(2)Flutter simulators
(2)Guided missile simulators
(2)Radar target position simulators

(3)Radar trainers
(2)Space simulation chambers
(2)Submarine simulators

Sintering
(1)Activated sintering
(1)Resintering

Sites
(1)Historic sites
(1)Launching sites

Skids
(1)Bomb skids

Skin(General)
(1)Skin(Anatomy)
(2)Epidermis
(2)Epithelium
(2)Skin grafts
(1)Skin(Structural)

Skis
(1)Hydroskis

Slurries
(1)Slurry coating
(1)Slurry explosives
(1)Slurry fuels

Smart technology
(1)Smart weapons

Smoke stacks
(1)Chimneys

Social sciences
(1)Anthropology
(2)Anthropometry
(3)Cephalometry
(2)Ethnic groups
(3)Africans
(4)Egyptians
(3)American Indians
(3)Arabs
(4)Palestinians
(3)Filipinos
(3)Hispanics
(3)Israelis
(3)Jews
(2)Ethnography
(2)Race(Anthropology)
(3)Blacks(Racial group)
(4)African Americans
(3)Caucasians
(1)Archeology
(2)Fossils
(1)Behavioral sciences
(2)Psychology
(3)Abnormal psychology
(4)Mental disorders
(5)Alzheimer disease
(5)Amnesia
(6)Amnesic aphasia
(5)Aphasia
(6)Amnesic aphasia
(5)Neuroses
(6)Anorexia
(5)Psychoses
(6)Schizophrenia
(3)Applied psychology
(4)Industrial psychology
(4)Military psychology
(5)Brainwashing
(5)Psychological warfare
(4)Propaganda
(3)Behavior
(4)Adjustment(Psychology)
(4)Attention
(4)Attitudes(Psychology)
(5)Cooperation
(4)Emotions
(5)Anxiety
(5)Fear
(5)Frustration
(4)Habits
(4)Nesting(Animals)
(4)Performance(Human)
(5)Proficiency
(4)Reaction(Psychology)
(4)Roles(Behavior)
(4)Stress(Psychology)
(5)Boredom
(5)Burnout
(5)Confinement(Psychology)
(5)Sensory deprivation
(4)Verbal behavior
(4)Vigilance
(3)Clinical psychology
(4)Counseling
(3)Defense mechanisms(Psychology)
(3)Developmental psychology
(3)Experimental psychology
(3)Learning
(4)Aptitudes
(4)Conditioning(Learning)
(4)Habituation learning
(4)Intelligence(Humans)
(4)Learning curves
(4)Memory(Psychology)
(5)Mnemonics
(5)Recall
(5)Retention(Psychology)
(4)Problem solving
(5)Site investigations
(4)Skills
(4)Transfer of training
(3)Motivation
(4)Punishment
(5)Penalties
(5)Prisons
(3)Perception(Psychology)
(4)Parapsychology
(3)Personality
(3)Psychological operations
(4)Psychological warfare
(3)Psychological tests
(4)Aptitude tests
(4)Personality tests
(4)Projective techniques

(4)Psychomotor tests
(4)Test construction(Psychology)
(4)Word association
(3)Psychometrics
(3)Psychophysiology
(4)Motor reactions
(5)Peristalsis
(5)Psychomotor function
(4)Positioning reactions
(4)Space perception
(3)Reasoning
(4)Judgement(Psychology)
(3)Social psychology
(4)Group dynamics
(5)Cooperation
(5)Teams(Personnel)
(6)Panel(Committee)
(4)Human relations
(5)Group dynamics
(6)Cooperation
(6)Teams(Personnel)
(7)Panel(Committee)
(5)Interpersonal relations
(6)Domestic violence
(6)Gender discrimination
(6)Homosexuality
(6)Marriage
(5)Race relations
(6)Racial discrimination
(5)Social communication
(1)Culture
(2)Cross culture(Sociology)
(1)Education
(2)Literacy
(2)Schools
(3)Consortiums
(3)United States Air Force Academy
(3)United States Coast Guard Academy
(3)United States Military Academy
(3)United States Naval Academy
(3)Universities
(2)Science fairs
(2)Training
(3)Adaptive training
(3)Flight training
(3)Individualized training
(3)Industrial training
(4)Apprenticeship
(3)Job training
(3)Leadership training
(3)Management training
(3)Military training
(4)Air Force training
(4)Army training
(4)Marine Corps training
(4)Naval training
(4)War games
(3)Retraining
(3)Teaching methods
(4)Computer aided instruction
(5)Distance learning
(4)Programmed instruction
(4)Training devices
(5)Flight simulators
(5)Gunnery trainers
(5)Radar trainers
(5)Teaching machines
(5)Training films
(1)History
(2)Historic sites
(2)Military history
(2)Natural history
(1)Information sciences
(2)Information theory
(3)Automata
(3)Numbering systems
(2)Lexicography
(2)Libraries
(2)Library science
(1)Political science
(2)Civic action
(2)Civil affairs
(2)Communism
(2)Democracy
(3)United States government
(4)Congress
(5)House of Representatives
(5)Senate
(4)Department of Defense
(4)President(United States)
(2)Disarmament
(2)Elections
(2)Foreign policy
(2)Geopolitics
(2)Government(Foreign)
(2)International politics
(3)International relations
(4)East West relations
(5)Cold War
(5)Detente
(3)Western security(International)
(2)Military government
(2)Political alliances
(3)European communities
(4)Belgium
(4)Denmark
(5)Faroe Islands
(4)France
(4)Germany
(5)Berlin
(5)Germany(East and West)
(6)East Germany
(6)West Germany
(4)Greece
(4)Ireland
(4)Italy
(5)Sardinia
(5)Sicily
(4)Luxembourg
(4)Netherlands
(4)Portugal
(4)Spain
(5)Gibraltar
(4)United Kingdom
(3)Warsaw Pact countries
(4)East Germany
(4)USSR
(5)Franz Josef Land
(2)Political negotiations
(2)Political parties

(2)Public administration
(2)Socialism
(2)State government
(3)Local government
(2)United Nations
(1)Recreation
(2)Gambling
(1)Sociology
(2)Criminology
(3)Aircraft hijacking
(3)Delinquency
(4)Theft
(5)Embezzlement
(3)Domestic violence
(2)Ethnic groups
(3)Africans
(4)Egyptians
(3)American Indians
(3)Arabs
(4)Palestinians
(3)Filipinos
(3)Hispanics
(3)Israelis
(3)Jews
(2)Families(Human)
(3)Family members
(2)Population
(3)Civilian population
(3)Demography
(3)Indigenous population
(3)Inhabitants
(3)Majorities
(2)Public relations
(2)Residential section
(2)Segregation(Sociology)
(2)Social welfare
(3)Social security
(2)Sociometrics
(3)Public opinion

Softening
(1)Macerating

Soils
(1)Alluvium
(1)Artificial soils
(1)Clayey soils
(1)Cohesionless soils
(1)Cohesive soils
(2)Clay
(3)Clay minerals
(4)Fullers earth
(4)Kaolinite
(4)Montmorillonite
(4)Talc
(1)Dirt
(1)Frozen soils
(2)Permafrost
(1)Gravel
(1)Laterites
(1)Loams
(1)Loess
(1)Mud
(1)Ocean bottom soils
(1)Organic soils
(1)Sand
(2)Grit
(1)Saturated soils
(1)Silt
(1)Tundra

Sol gel processes
(1)Aerogels

Solar activity
(1)Solar disturbances
(2)Solar flares
(2)Sunspots
(1)Solar flares

Solids
(1)Solid bodies
(1)Solid phases
(2)Solidified gases
(2)Vitreous state

Solutions(General)
(1)Solutions(Mixtures)
(2)Aqueous solutions
(3)Saline solution
(2)Azeotropes
(2)Buffers(Chemistry)
(2)Electroplating solutions
(2)Saline solution
(2)Solid solutions
(2)Solutes
(3)Organic solutes
(2)Solvates
(2)Solvents
(3)Carbon removing compounds
(3)Organic solvents
(3)Paint removers
(3)Paint thinners

Sonar
(1)Biosonar
(1)Bistatic sonar
(1)Chirp sonar
(1)Doppler sonar
(1)Hydrographic sonar
(1)Passive sonar
(1)Scanning sonar
(1)Search sonar
(2)Side looking sonar
(1)Sonar equipment
(2)Sonar arrays
(2)Sonar beacons
(2)Sonar domes
(2)Sonar receivers
(2)Sonar sound analyzers
(2)Sonar transducers
(1)Synthetic aperture sonar
(1)Towed sonar
(2)Variable depth sonar

Sorption
(1)Absorption
(2)Biological absorption
(3)Hydrophilia
(3)Transdermal absorption

(2)Resonance absorption
(2)Two photon absorption
(2)X ray absorption analysis
(1)Adsorption
(2)Chemisorption
(2)Density functional theory
(2)Gettering

Sounding
(1)Atmospheric sounding

Space(Room)
(1)Envelope(Space)
(2)Flight envelope

Space exploration
(1)Lunar exploration
(2)Lunar landings

Space sciences
(1)Aerospace medicine
(1)Astronautics
(2)Aerospace systems
(1)Astrophysics
(1)Cosmology
(1)Planetology
(2)Planets
(3)Earth(Planet)
(4)Earth crust
(5)Earth surface
(6)Ocean surface
(5)Lithosphere
(6)Regolith
(5)Oceanic crust
(6)Seafloor spreading
(4)Earth interior
(5)Earth core
(5)Earth mantle
(6)Mohorovicic discontinuity
(4)Moon
(3)Mars(Planet)
(3)Mercury(Planet)
(3)Outer planets
(4)Jupiter(Planet)
(4)Neptune(Planet)
(4)Pluto(Planet)
(4)Saturn(Planet)
(4)Uranus(Planet)
(3)Venus(Planet)
(1)Space biology
(1)Space technology

Space systems
(1)Space surveillance

Spacecraft
(1)Aerospace craft
(2)Aerospaceplanes
(2)Boost glide vehicles
(2)Lifting bodies
(3)Lifting reentry vehicles
(1)Artificial satellites
(2)Communication satellites
(2)Geodetic satellites
(2)Lunar satellites
(2)Maneuvering satellites
(2)Military satellites
(3)Bombardment satellites
(2)Navigation satellites
(2)Reconnaissance satellites
(2)Satellite networks
(2)Scientific satellites
(3)Meteorological satellites
(2)Solar satellites
(2)Strategic satellites
(2)Synchronous satellites
(1)Interceptor spacecraft
(1)Lunar craft
(1)Manned spacecraft
(2)Space stations
(1)Recoverable spacecraft
(1)Rendezvous spacecraft
(1)Space buoys
(1)Space capsules
(1)Space probes
(2)Lunar probes
(2)Mars probes
(2)Venus probes
(1)Space shuttles
(1)Space tugs
(1)Spacecraft components
(2)Spacecraft antennas
(3)Satellite antennas
(2)Spacecraft cabins
(2)Spacecraft seats
(1)Unmanned spacecraft

Spacers
(1)Bushings
(1)Inserts
(1)Washers(Spacers)

Spectrometry
(1)Mass spectrometry

Spectroscopy
(1)Atomic spectroscopy
(1)Electron spectroscopy
(2)Auger electron spectroscopy
(3)Auger electrons
(1)Emission spectroscopy
(2)Quantum beats
(2)Selection rules(Physics)
(1)Fourier spectroscopy
(1)Infrared spectroscopy
(1)Laser spectroscopy
(1)Mass spectroscopy
(2)Drift tube mass spectroscopy
(2)Mass spectrometry
(1)Molecular spectroscopy
(2)Raman spectroscopy
(1)Nuclear radiation spectroscopy
(2)Alpha particle spectroscopy
(2)Beta ray spectroscopy
(2)Gamma ray spectroscopy
(1)Photofragment spectroscopy
(1)Radiofrequency spectroscopy
(2)Microwave spectroscopy
(1)Spectrophotometry
(1)Ultraviolet spectroscopy

(1)X ray photoelectron spectroscopy
(1)X ray spectroscopy

Spectrum analysis
(1)Cepstrum technique
(1)Multispectral

Spilling
(1)Oil spills

Sprayers
(1)Spray guns

Stability
(1)Aerodynamic stability
(2)Trim(Aerodynamics)
(1)Combustion stability
(2)Flameout
(1)Slope stability
(1)Static stability
(1)Thermal stability

Stabilization
(1)Soil stabilization
(1)Spin stabilization
(1)Stabilization systems
(2)Frequency stabilizers
(2)Gyro stabilizers
(2)Horizontal stabilizers
(2)Stabilized platforms
(2)Vertical stabilizers

Stagnation
(1)Stagnation point
(1)Stagnation pressure
(1)Stagnation temperature

Standards
(1)Design criteria
(1)Frequency standards
(1)Living standards
(1)Military standards
(1)Specifications
(1)Time standards

Standby equipment
(1)Standby generators

Starting
(1)Reactor start up sources
(1)Restarting

Stationkeeping
(1)Depthkeeping
(1)Seakeeping

Steady state
(1)Steady flow
(2)Couette flow
(2)Poiseuille flow

Steering
(1)Beam steering
(1)Retrodirective steering

Sterilization
(1)Pasteurization
(1)Radiosterilization
(1)Sterilizers
(1)Ultrasonic sterilization

Stimuli
(1)Cues(Stimuli)

Stopping
(1)Braking
(1)Interruption

Strategy
(1)Deterrence
(1)Military art
(1)Military strategy
(1)Military tactics
(2)Attrition
(2)Defense in depth
(2)Defense suppression
(2)Deployment
(3)Rapid deployment
(2)Infiltration(Personnel)
(2)Military capabilities
(2)Order of battle
(2)Tactical air support
(2)Tactical bombing
(2)Tactical reconnaissance
(2)War games
(1)Situational awareness

Strength(General)
(1)High strength
(1)Low strength
(1)Potency
(1)Strength(Mechanics)
(2)Compressive strength
(2)Impact strength
(2)Peel strength
(2)Shear strength
(2)Tensile strength
(2)Wet strength
(2)Yield strength
(1)Strength(Physiology)
(1)Strength weight ratio

Structures
(1)Arches
(1)Bases(Structures)
(2)Foundations(Structures)
(3)Footings
(2)Slabs(Structural)
(1)Buildings
(2)Churches
(2)Dining halls
(2)Hangars
(2)Museums
(2)Office buildings
(2)Prefabricated buildings
(2)Roofs
(2)Warehouses
(1)Cascade structures
(1)Collapsible structures
(1)Composite structures

(1)Conformal structures
(1)Dendritic structure
(1)Earthquake resistant structures
(1)Embankments
(2)Dikes
(2)Earthwork
(2)Levees
(2)Revetments
(3)Riprap
(1)Expandable structures
(1)Extendable structures
(1)Flexible structures
(1)Groins(Structures)
(1)Hardened structures
(1)Honeycomb structures
(1)Inflatable structures
(2)Balloons
(3)Ballutes
(3)Meteorological balloons
(3)Powered balloons
(1)Microstructure
(1)Monolithic structures(Electronics)
(1)Offshore structures
(1)Pile structures
(2)Dolphins(Structures)
(1)Planar structures
(1)Self supporting structures
(1)Shelters
(2)Blast resistant shelters
(2)Fallout shelters
(2)Greenhouses
(2)Hangars
(2)Housing(Dwellings)
(3)Barracks
(3)Housing projects
(2)Portable shelters
(2)Tents
(1)Structural components
(2)Anchors(Structural)
(2)Angle bars
(2)Bays(Structural units)
(2)Beams(Structural)
(3)Box beams
(3)Cantilever beams
(3)Girders
(3)Timoshenko beam
(3)Web beams
(2)Columns(Supports)
(2)Flanges
(2)Guy wires
(2)Honeycomb cores
(2)Masts
(3)Antenna masts
(3)Ship masts
(2)Metal plates
(3)Ship plates
(2)Moldings
(2)Molds(Forms)
(2)Mounting brackets
(2)Poles(Supports)
(2)Rods
(3)Connecting rods
(3)Spindles
(2)Sandwich panels
(2)Shells(Structural forms)
(3)Domes(Structural forms)
(4)Guided missile domes
(4)Infrared domes
(4)Radomes
(5)Rotodomes
(4)Sonar domes
(3)Elastic shells
(3)Hemispherical shells
(3)Monocoques
(2)Ship structural components
(3)Hatches
(3)Marine rudders
(3)Ship bridges
(3)Ship decks
(4)Flight decks
(4)Hangar decks
(3)Ship hulls
(4)Bilges
(4)Ship bows
(4)Ship sterns
(3)Ship keels
(4)Bilge keels
(3)Ship masts
(3)Ship plates
(3)Stern tubes(Propulsion)
(2)Skin(Structural)
(2)Spars
(2)Struts
(3)Propeller struts
(2)Studs(Structural components)
(2)Trusses
(1)Superstructures
(1)Supports
(2)Columns(Supports)
(2)Mounts
(3)Camera mounts
(3)Engine mounts
(3)Gun mounts
(3)Mounting brackets
(3)Sting mounts
(2)Poles(Supports)
(2)Tripods
(1)Telescoping structures
(2)Telescoping rotors
(1)Tubular structures
(1)Underground structures
(2)Basements
(1)Underwater structures
(1)Walls
(2)Bulkheads
(2)Compliant walls
(2)Retaining walls
(2)Thick walls
(2)Thin walls
(1)Waterfront structures
(2)Piers

Substitutes
(1)Blood plasma substitutes
(1)Blood substitutes

Subsurface
(1)Underground
(2)Vadose zone
(1)Underwater

(2)Deep submergence
(2)Semisubmerged

Suppression
(1)Defense suppression
(1)Fire suppression

Suppressors
(1)Infrared suppressors

Surfaces
(1)Control surfaces
(2)Aerodynamic control surfaces
(3)Bomb fins
(3)Flaps(Control surfaces)
(4)Air brake flaps
(4)Leading edge flaps
(4)Slotted flaps
(4)Split flaps
(4)Spoilers
(3)Folding fins(Rockets)
(3)Horizontal stabilizers
(3)Strakes
(3)Trailing control surfaces
(4)Ailerons
(4)Elevators
(4)Elevons
(4)Trim tabs
(3)Vertical stabilizers
(2)Fins
(3)Bomb fins
(3)Folding fins(Rockets)
(2)Guide vanes
(3)Inlet guide vanes
(3)Jet tabs
(3)Jet vanes
(3)Jetavators
(2)Hydrodynamic control surfaces
(2)Rudders
(3)Aerial rudders
(3)Marine rudders
(1)Front ends and surfaces
(1)Lifting surfaces
(1)Ocean surface
(1)Surface analysis
(1)Treads

Surveillance
(1)Acoustic surveillance
(1)Combat surveillance
(1)Infrared surveillance
(1)Ocean surveillance
(2)Undersea surveillance
(1)Space surveillance
(1)Visual surveillance

Surveys
(1)Aerial surveys
(1)Geodetic surveys
(1)Geological surveys
(1)Health surveys
(1)Questionnaires
(1)Surveying(Geographic)
(2)Hydrographic surveying
(2)Soil surveys

Survival(General)
(1)Survivability
(1)Survival(Personnel)
(1)Survival equipment
(2)Life preservers
(3)Life jackets
(2)Life rafts
(2)Survival kits
(2)Survival rations

Switches
(1)Electric switches
(2)Channel selectors
(2)Circuit breakers
(2)Crossbar switches
(2)Electronic switches
(2)Interrupters
(2)Push buttons
(2)Rotary switches
(2)Sequence switches
(2)Synchronizing switches
(2)Thermal switches
(2)Time switches
(2)Toggle switches
(2)Transfer switches
(2)Vacuum switches
(1)Pressure switches
(2)Hydrostats
(1)Waveguide switches

Switching
(1)Electronic switching
(2)Asynchronous transfer mode
(1)Optical switching
(1)Q switching

Symmetry
(1)Asymmetry
(1)Axisymmetric
(1)Symmetry(Crystallography)

Symposia
(1)Workshops
(2)Lectures

Synchronism
(1)Synchronization(Electronics)
(2)Range gating
(1)Synchronizing switches

Synthesis
(1)Biosynthesis
(2)Photosynthesis
(1)Synthesis(Chemistry)
(2)Biomimetics
(2)Diene synthesis
(2)Photosynthesis

T

Tactical analysis
(1)Defense in depth
(1)Lanchester equations

Tail assemblies
(1)Tails(Aircraft)

Tapes
(1)Adhesive tapes
(1)Audio tapes
(1)Magnetic tape
(1)Video tapes

Targeting
(1)Aiming
(1)Over the horizon targeting
(1)Target designators
(2)Cueing
(2)Optical target designators
(3)Laser target designators
(4)Laser spots
(5)Laser target interactions
(6)Laser induced fluorescence
(2)Radar target designators

Targets
(1)Aerial targets
(1)False targets
(1)Guided missile targets
(1)Laser targets
(1)Moving targets
(1)Multiple targets
(1)Radar targets
(1)Rocket targets
(1)Sonar targets
(1)Surface targets
(2)Ground zero
(1)Target strength
(1)Thermal targets
(1)Torpedo targets
(1)Towed targets
(1)Underwater targets
(1)Visual targets

Temperature
(1)Atmospheric temperature
(2)Lapse rate
(2)Temperature inversion
(1)Body temperature
(2)Heat production(Biology)
(2)Hyperthermia
(2)Hypothermia
(1)Boiling point
(1)Color temperature
(1)Critical temperature
(1)Curie temperature
(1)High temperature
(1)Low temperature
(1)Melting point
(1)Neel temperature
(1)Room temperature
(1)Stagnation temperature
(1)Surface temperature
(1)Transition temperature
(2)Glass transition temperature
(1)Wet bulb temperature

Temperature sensitive elements
(1)Thermistors
(1)Thermocouples
(2)Thermocouple pyrometers
(1)Thermostats
(2)Cryostats

Tension
(1)Surface tension
(2)Capillarity
(3)Capillary waves

Terminals
(1)Communication terminals
(2)Communication satellite terminals
(2)Communications centrals
(1)Data processing terminals
(1)Electric terminals
(2)Beam leads
(1)Marine terminals
(1)Remote terminals

Terpenes
(1)Isoprene

Test and evaluation
(1)Hydraulic tests
(1)Joint test and evaluation
(1)Performance(Engineering)

Test equipment
(1)Blast tubes
(2)Shock tubes
(3)Shock tunnels
(1)Checkout equipment
(1)Circuit testers
(1)Flyer plates
(1)Frequency analyzers
(2)Harmonic analyzers
(1)Interference analyzers
(1)Noise analyzers
(1)Oscilloscopes
(1)Pulse analyzers
(2)Pulse height analyzers
(1)Q meters
(1)Radio interferometers
(1)Shock tubes
(2)Shock tunnels
(1)Signal generators
(2)Frequency synthesizers
(2)Noise generators
(2)Pulse generators
(2)Signal generation
(2)Sweep generators
(3)Rasters
(1)Standing wave indicators
(1)Sting mounts
(1)Tensile testers
(1)Test beds
(1)Test fixtures
(2)Test stands

Test vehicles
(1)Control test vehicles
(1)Hypersonic test vehicles
(1)Ramjet test vehicles
(1)Rocket sleds
(1)Supersonic test vehicles

Textiles
(1)Cotton textiles
(1)Fabrics
(2)Braids
(2)Elastic webbing
(2)Felts
(2)Knitted fabrics
(2)Nets
(3)Cargo nets
(2)Parachute fabrics
(1)Fire resistant textiles
(1)Geotextiles
(1)Glass textiles
(1)Linen
(1)Metallic textiles
(1)Woolen textiles

Theory
(1)Band theory of solids
(1)Control theory
(1)Decision theory
(2)Statistical decision theory
(1)Distribution theory
(1)Field theory
(2)Linear algebraic equations
(1)Game theory
(2)Matrix games
(1)Information theory
(2)Automata
(2)Numbering systems
(1)Kinetic theory
(2)Mean free path
(2)Morse potential
(1)Matrix theory
(1)Measure theory
(1)Model theory
(1)Number theory
(2)Addition
(2)Analytic number theory
(2)Binary arithmetic
(2)Prime numbers
(2)Square roots
(1)Perturbation theory
(1)Potential theory
(1)Quantum theory
(2)Mean field energy
(2)Plasmons
(2)Polarons
(2)Quantum electrodynamics
(3)Quantum electronics
(4)Quantum beats
(4)Quantum wells
(5)Multiple quantum wells
(5)Quantum dots
(5)Quantum wires
(2)Quantum optics
(2)Quantum statistics
(3)Klein Nishina formula
(1)Queueing theory
(1)Relativity theory
(2)Mass energy relation
(1)Replacement theory
(2)Just in time inventory
(1)Set theory
(2)Convex sets
(2)Fuzzy sets
(3)Fuzzy logic

Thermodynamics
(1)Enthalpy
(1)Entropy
(1)Ideal gas law
(1)Joule Thomson effect
(1)Statistical mechanics
(1)Thermal analysis
(2)Differential thermal analysis
(2)Thermoacoustics
(1)Thermal properties
(2)Photothermal properties
(2)Thermal stability
(2)Thermoelasticity
(2)Thermomechanics
(1)Thermodynamic cycles
(2)Brayton cycle
(2)Rankine cycle
(2)Stirling cycle
(2)Wankel cycle
(1)Thermodynamic properties
(2)Boiling point
(2)Free energy
(2)Heat of activation
(2)Heat of combustion
(2)Heat of formation
(2)Heat of fusion
(2)Heat of reaction
(3)Calorific value
(2)Heat of solution
(2)Heat of sublimation
(2)Heat of vaporization
(2)Peltier effect
(2)Volatility
(1)Thermophysical properties
(2)Emissivity
(2)Softening points
(2)Specific heat
(2)Thermal expansion
(3)Isentrope
(2)Thermoelectricity
(3)Seebeck effect
(3)Thermoelectric power generation
(4)Radioisotope thermoelectric devices

Thermography
(1)Infrared image tubes
(2)Thermicons
(1)Infrared images
(1)Thermographs
(2)Bathythermographs

Thickeners(Materials)
(1)Fuel thickeners

Thinness
(1)Thin films
(1)Thin walls
(1)Thin wings

Thiols
(1)Cysteine

Threats
(1)Threat evaluation

Three dimensional
(1)Three dimensional flow

Throats(Equipment)
(1)Nozzle throats
(2)Nozzle inserts

Thrust
(1)Specific impulse
(1)Thrust augmentation
(1)Thrust control
(2)Control jets
(2)Thrust vector control systems
(3)Jet tabs
(3)Jetavators
(3)Secondary injection
(1)Thrust reversal

Thymidines
(1)Nucleic acid components
(2)Nucleosides
(3)Guanosine
(3)Uridine
(2)Nucleotides
(3)Adenosine phosphates

Tides
(1)Atmospheric tides
(1)Earth tides
(1)Ocean tides

Time
(1)Long range(Time)
(1)Real time
(1)Short range(Time)
(2)Microsecond time
(1)Time dependence
(2)Daily occurrence
(1)Time domain
(1)Time intervals
(2)Access time
(2)Dead time
(2)Delay
(2)Downtime
(2)Dwell time
(2)Lead time
(2)Reaction time
(3)Quick reaction
(3)Timeliness
(2)Relaxation time
(2)Travel time
(1)Time series analysis
(1)Time studies

Timing devices
(1)Atomic clocks
(1)Chronometers
(2)Radio doppler chronographs
(2)Time interval counters
(1)Clocks
(2)Atomic clocks
(2)Chronometers
(3)Radio doppler chronographs
(3)Time interval counters
(1)Intervalometers
(1)Pendulums

Tissues(Biology)
(1)Artificial tissue
(1)Cilia
(1)Connective tissue
(2)Adipose tissue
(2)Bones
(3)Alveolar bone
(3)Bone marrow
(4)Erythropoiesis
(3)Fibula
(3)Humerus
(3)Mandible
(3)Maxilla
(3)Panosteitis
(3)Phalanges
(3)Ribs
(3)Skull
(3)Tibia
(2)Cartilage
(2)Fascia
(2)Ligaments
(2)Mast cells
(1)Endothelium
(1)Epithelium
(1)Eschar
(1)Membranes(Biology)
(2)Dura mater
(2)Endocardium
(2)Meninges
(2)Mucous membranes
(2)Pellicle
(2)Pericardium
(2)Peritoneum
(1)Muscles
(2)Ataxia
(2)Biceps
(2)Intercostal muscles
(2)Muscle fibers
(2)Myocardium
(1)Nails(Tissues)
(2)Fingernails
(1)Nerves
(2)Cochlear nerve
(2)Nerve cells
(3)Astrocytes
(3)Axons
(3)Motor neurons
(3)Neuroblasts
(3)Receptor sites(Physiology)
(2)Nerve fibers
(3)Axon plasma
(2)Nerve transmission

(2)Neural nets
(2)Phrenic nerves
(2)Sciatic nerve
(2)Sympathetic nervous system
(1)Plant tissue
(2)Chloroplasts
(2)Plant roots
(1)Reticuloendothelial system
(2)Macrophages
(1)Scars
(1)Soft tissues
(1)Subcutaneous tissue
(1)Tissue banks

Tolerance
(1)Tolerances(Mechanics)
(2)Clearances
(2)Tightness
(1)Tolerances(Physiology)
(2)Acceleration tolerance
(2)Cold tolerance
(2)Drug tolerance
(2)Heat tolerance
(2)Radiation tolerance
(2)Toxic tolerances

Tools
(1)Augers
(1)Cutting tools
(2)Cable cutting devices
(2)Carbide tools
(2)Cutters
(3)Chaff cutters
(2)Dies
(2)Knives
(3)Bayonets
(2)Milling machines
(3)End mill
(2)Saws
(3)Saw blades
(1)Drills
(2)Drill tapes
(1)Grinding wheels
(2)Diamond wheels
(1)Lathe tools
(1)Machine tools
(2)Drilling machines
(2)Lathes
(2)Metal forming brakes
(2)Milling machines
(3)End mill
(2)Presses(Machinery)
(3)Forge presses
(3)Hydraulic presses
(3)Metal forming presses
(2)Pulpers
(1)Manipulators
(1)Ordnance disposal tools
(1)Power tools
(1)Reamers
(1)Scrapers
(1)Sharpeners
(1)Shovels
(1)Small tools
(2)Applicators
(3)Paint applicators
(2)Broaches
(2)Clamps
(3)Tool chucks
(2)Crimping tools
(2)Grease guns
(2)Hammers
(3)Riveting hammers
(2)Hand cranks
(2)Knives
(3)Bayonets
(2)Paint applicators
(2)Pliers
(3)Conduit pliers
(2)Plungers
(2)Screwdrivers
(2)Splicing tools
(2)Taps
(2)Torches
(2)Wrenches
(3)Impact wrenches
(3)Pipe wrenches
(1)Space tools
(1)Underwater tools

Topography
(1)Cliffs
(1)Continental shelves
(1)Continental slopes
(1)Extraterrestrial topography
(2)Lunar topography
(1)Land areas
(2)Landforms
(3)Banks(Waterways)
(3)Canyons
(4)Submarine canyons
(3)Caves
(3)Coastal regions
(4)Estuaries
(5)Chesapeake Bay
(5)Puget Sound
(5)San Francisco Bay
(4)Peninsulas
(5)Baja California
(5)Guajira Peninsula
(5)Iberian Peninsula
(6)Portugal
(6)Spain
(7)Gibraltar
(5)Kamchatka Peninsula
(4)Shores
(5)Beaches
(5)Inshore areas
(5)Offshore
(3)Deltas
(4)Mekong Delta
(3)Deserts
(3)Dry lakes
(4)Playas
(3)Dunes
(3)Flood plains
(3)Forests
(3)Glaciers
(3)Grasslands
(3)Islands

(4)Archipelagoes
(5)Bahama Islands
(5)Galapagos Islands
(5)Indonesia
(6)Java
(6)Sumatra
(5)Philippines
(4)Arctic Ocean Islands
(5)Baffin Island
(5)Barter Island
(5)Franz Josef Land
(5)Queen Elizabeth Islands
(6)Ellesmere Island
(6)Ward Hunt Island
(4)Atlantic Ocean Islands
(5)Ascension Island
(5)Azores
(5)Bermuda
(5)Block Island
(5)Canary Islands
(5)Falkland Islands
(5)Faroe Islands
(5)Greenland
(5)Iceland
(5)Ireland
(5)United Kingdom
(5)West Indies
(6)Bahama Islands
(6)Cuba
(6)Dominican Republic
(6)Haiti
(6)Jamaica
(6)Lesser Antilles
(7)Barbados
(7)Grenada
(7)Trinidad
(7)Virgin Islands
(6)Puerto Rico
(4)Atolls
(5)Bikini Atoll
(5)Enewetak Atoll
(5)Kwajalein Atoll
(4)Indian Ocean Islands
(5)Diego Garcia
(5)Madagascar
(5)Maldive Islands
(5)Sri Lanka
(5)Zanzibar
(4)Mediterranean Sea Islands
(5)Cyprus
(5)Malta
(5)Sardinia
(5)Sicily
(4)Pacific Ocean Islands
(5)Aleutian Islands
(5)Borneo
(5)Galapagos Islands
(5)Japan
(6)Ryukyu Islands
(7)Okinawa
(5)Johnston Island
(5)Kurile Islands
(5)Melanesia
(6)New Guinea
(5)Micronesia
(6)Guam
(6)Marshall Islands
(7)Bikini Atoll
(7)Enewetak Atoll
(7)Kwajalein Atoll
(5)Philippines
(5)Polynesia
(6)Canton Island
(6)Christmas Island
(6)Hawaii
(7)Midway Island
(7)Pearl Harbor
(6)New Zealand
(6)Wake Island
(5)Santa Barbara Islands
(5)Taiwan
(5)Volcano Islands
(4)Singapore
(3)Jungles
(3)Lagoons(Landforms)
(3)Mountains
(4)Appalachian Mountains
(4)Rocky Mountains
(4)Seamounts
(3)Valleys
(4)Canyons
(5)Submarine canyons
(3)Volcanoes
(4)Tuff
(1)Ocean bottom topography
(2)Ocean ridges
(3)East Pacific Rise
(3)Midatlantic Ridge
(2)Seamounts
(2)Submarine canyons
(2)Submarine troughs
(3)Submarine trenches
(1)Plateaus
(1)Reefs
(2)Coral reefs
(3)Atolls
(4)Bikini Atoll
(4)Enewetak Atoll
(4)Kwajalein Atoll
(2)Sandbars
(1)Terrain
(2)Terrain models
(1)Waterways
(2)Channels(Waterways)
(3)Dredging
(2)Estuaries
(3)Chesapeake Bay
(3)Puget Sound
(3)San Francisco Bay
(2)Inland waterways
(3)Canals
(4)Panama Canal
(4)Suez Canal
(3)Lakes
(4)Caspian Sea
(4)Great Lakes
(5)Lake Erie
(5)Lake Huron
(5)Lake Michigan
(5)Lake Ontario

(5)Lake Superior
(3)Ponds
(3)Saint Lawrence Seaway
(2)Inlets(Waterways)
(3)Fjords
(2)Locks(Waterways)
(2)Sounds(Waterways)
(3)Block Island Sound
(3)Long Island Sound
(3)Puget Sound
(2)Straits
(3)Bering Strait
(3)English Channel
(3)Florida Strait
(3)Fram Strait
(3)Gibraltar Strait
(3)Hormuz Strait
(3)Juan de Fuca Strait
(3)Korean Strait
(3)Skagerrak
(2)Streams
(3)Rivers
(4)Alabama River
(4)Amazon River
(4)Arkansas River
(4)Colorado River
(4)Columbia River
(4)Congo River
(4)Connecticut River
(4)Delaware River
(4)Iowa River
(4)Mississippi River
(4)Missouri River
(4)Ohio River
(4)Potomac River
(4)Saint Lawrence Seaway
(4)Tennessee River
(4)Tombigbee River
(4)York River

Towed bodies
(1)Towed arrays
(1)Towed sonar
(2)Variable depth sonar
(1)Towed vehicles
(2)Railroad cars
(3)Boxcars
(3)Tank cars
(2)Trailers
(3)Semitrailers

Towers
(1)Radio towers

Toxicity
(1)Immunotoxicity
(1)Lethality
(2)Lethal agents
(2)Lethal dosage
(1)Phytotoxicity

Toxins and antitoxins
(1)Anaphylatoxins
(1)Bacterial toxins
(1)Biocides
(2)Germicides
(2)Pesticides
(3)Fumigants
(3)Fungicides
(3)Herbicides
(4)Agent Orange
(4)Anticrop agents
(4)Sporontocides
(3)Insecticides
(4)Allethrin
(4)Chlordane
(4)DDT
(4)Diazinon
(4)Dieldrin
(4)Parathion
(4)Pyrethrins
(4)Resmethrin
(3)Molluscacides
(3)Rodenticides
(1)Cytotoxins
(2)Lymphotoxins
(1)Endotoxins
(1)Enterotoxins
(1)Exotoxins
(1)Mycotoxins
(1)Neurotoxins
(1)Phytotoxins
(2)Ricin

Tracking
(1)Acoustic tracking
(1)Automatic tracking
(1)Guided missile tracking systems
(1)Hurricane tracking
(1)Optical tracking
(2)Infrared tracking
(2)Laser tracking
(2)Television tracking
(1)Radar tracking
(1)Satellite tracking systems
(1)Track while scan
(1)Underwater tracking

Tracks
(1)Railroad tracks
(1)Tracks(Aerodynamics)
(1)Vehicle tracks

Traffic
(1)Air traffic
(1)Ground traffic
(2)Offroad traffic
(1)Water traffic
(2)Vessel traffic systems

Transducers
(1)Broadband transducers
(1)Electroacoustic transducers
(2)Earphones
(2)Hydrophones
(2)Microphones
(2)Pingers
(1)Piezoelectric transducers
(2)Surface acoustic wave devices
(1)Pressure transducers

(1)Sonar transducers

Transfer
(1)Charge transfer
(1)Electron transfer
(1)Energy transfer
(1)Information transfer
(2)Information exchange
(1)Mass transfer
(1)Propellant transfer
(1)Radiative transfer
(1)Technology transfer
(2)Dual use technology

Transformations
(1)Phase transformations
(2)Boiling
(3)Film boiling
(3)Nucleate boiling
(2)Condensation
(3)Atmospheric condensation
(4)Cloud cover
(5)Ceiling
(4)Clouds
(5)Cirrus clouds
(5)Cloud cover
(6)Ceiling
(5)Cumulonimbus clouds
(5)Cumulus clouds
(5)Fog
(6)Cold fog
(6)Ice fog
(5)Nimbostratus clouds
(5)Noctilucent clouds
(5)Stratus clouds
(4)Condensation trails
(4)Dew
(5)Frost
(3)Condensation nuclei
(2)Crystallization
(3)Recrystallization
(2)Evaporation
(3)Boiloff
(2)Freezing
(3)Frostbite
(2)Gelation
(2)Joule Thomson effect
(2)Liquefaction
(2)Melting
(3)Arc melting
(4)Consumable electrode process
(3)Electron beam melting
(3)Fusion(Melting)
(3)Thawing
(4)Ice breakup
(3)Zone melting
(2)Order disorder transformations
(2)Solidification
(2)Thawing
(3)Ice breakup
(2)Vaporization
(3)Evaporation
(4)Boiloff
(3)Sublimation
(2)Vitrification

Transformers
(1)Autotransformers
(1)Filament transformers
(1)Phase transformers
(1)Power transformers
(1)Pulse transformers
(1)Stepdown transformers

Transitions
(1)Ductile brittle transition
(1)Electron transitions
(2)Selection rules(Physics)

Transmission lines
(1)Bus conductors
(1)Electric cables
(2)Coaxial cables
(3)Liquid filled coaxial cables
(1)Fiber optics transmission lines
(1)Pulse cables
(1)Radiofrequency cables
(1)Strip transmission lines
(1)Telephone lines
(1)Waveguides
(2)Dielectric waveguides
(2)Optical waveguides
(2)Waveguide bends
(2)Waveguide circulators
(2)Waveguide couplers
(2)Waveguide filters
(2)Waveguide irises
(2)Waveguide slots
(2)Waveguide switches
(2)Waveguide windows

Transmitters
(1)Infrared transmitters
(1)Interrogator transmitters
(1)Pulse transmitters
(1)Radar transmitters
(1)Radio transmitters
(2)Radio beacons
(2)Radiosondes
(3)Dropsondes
(2)Transmitter receivers
(3)Transponders
(3)Walkie talkies
(1)Repeaters
(2)Radar repeaters
(2)Radio relay systems
(3)Microwave relay systems
(3)Radio relay stations
(2)Radio repeaters
(1)Telemetering transmitters
(1)Television transmitters

Transpiration
(1)Evapotranspiration

Transplantation
(1)Surgical transplantation
(2)Skin grafts

Transport
(1)Electron transport
(1)Magnetic tape transport
(1)Sediment transport

Transportation
(1)Air transportation
(2)Aerial delivery
(3)Air drop operations
(4)Parachute jumping
(3)Free dropping
(2)Aeromedical evacuation
(1)Land transportation
(2)Fording
(1)Marine transportation
(2)Shipping
(3)Containerized shipping
(1)Mass transportation
(1)Military transportation
(1)National transportation system
(1)Rail transportation
(2)Railroads
(3)Monorail railways
(1)Space transportation
(2)Space shuttles

Traps
(1)Booby traps
(1)Steam traps

Trenches
(1)Submarine trenches

Troughs
(1)Ditches

Tubes
(1)Blast tubes
(2)Shock tubes
(3)Shock tunnels
(1)Boiler tubes
(1)Capillary tubes
(1)Condenser tubes
(1)Hilsch tubes
(1)Pitot tubes
(1)Shock tubes
(2)Shock tunnels
(1)Stern tubes(Propulsion)
(1)Tire tubes
(2)Inner tubes
(1)Torpedo tubes
(1)Venturi tubes

Tuning devices
(1)Channel selectors

Tunnels
(1)Railroad tunnels
(1)Water tunnels

Turbomachinery
(1)Turbines
(2)Axial flow turbines
(2)Gas turbines
(2)Ship turbines
(2)Steam turbines
(2)Torpedo turbines
(2)Turbine components
(3)Axial flow turbine rotors
(3)Gas turbine nozzles
(3)Gas turbine regenerators
(3)Swirler vanes
(3)Turbine blades
(4)Gas turbine blades
(4)Steam turbine blades
(3)Turbine stators
(3)Turbine wheels
(4)Gas turbine rotors

Two dimensional
(1)Two dimensional flow
(2)Couette flow

U

Ulcers
(1)Chancroid

Underwater equipment
(1)Diver equipment
(2)Diving suits
(1)Snorkels
(1)Submarine equipment
(1)Underwater cables
(1)Underwater cameras
(1)Underwater lights
(1)Underwater sound equipment
(2)Underwater sound generators
(3)Sonar projectors
(4)Pingers
(1)Underwater telephones
(1)Underwater tools

Utilization
(1)Manpower utilization
(2)Employment
(2)Unemployment
(1)Thermal utilization

V

Vacuum
(1)High vacuum
(1)Suction
(1)Ultrahigh vacuum
(1)Vacuum apparatus
(2)Ionization gages
(2)Knudsen gages
(2)Vacuum chambers
(2)Vacuum cleaners
(2)Vacuum furnaces
(2)Vacuum operated valves

(2)Vacuum pumps
(3)Diffusion pumps
(3)Ion pumps
(2)Vacuum seals
(2)Vacuum switches

Validation
(1)Verification
(2)Computer program verification

Valves
(1)Ball valves
(1)Butterfly valves
(1)Bypass valves
(1)Check valves
(1)Cut off valves
(1)Engine valves
(2)Poppet valves
(1)Exhaust valves
(1)Float valves
(1)Flush valves
(1)Gate valves
(1)Globe valves
(1)High pressure valves
(1)High vacuum valves
(1)Hydraulic valves
(2)Electrohydraulic valves
(1)Intake valves
(1)Jet engine valves
(1)Liquid metal valves
(1)Plug valves
(1)Pneumatic valves
(2)Electropneumatic valves
(1)Reed valves
(1)Relief valves
(1)Rotary valves
(1)Safety valves
(1)Servovalves
(1)Sleeve valves
(1)Solenoid valves
(1)Steam valves
(1)Vacuum operated valves

Variables
(1)Random variables

Variations
(1)Nonperiodic variations
(1)Periodic variations
(2)Diurnal variations
(3)Circadian rhythms
(2)Seasonal variations

Vehicles
(1)Amphibious vehicles
(1)Cargo vehicles
(2)Gondolas
(2)Trucks
(3)Bomb trucks
(3)Dump trucks
(3)Fuel trucks
(3)Vans
(1)Crash vehicles
(1)Fire fighting vehicles
(1)Ground vehicles
(2)Forklift vehicles
(2)Railroad cars
(3)Boxcars
(3)Tank cars
(2)Sleds
(3)Rocket sleds
(2)Snow vehicles
(2)Surface effect vehicles
(3)Ground effect machines
(4)Air cushion vehicles
(4)Captive airspace craft
(2)Tracked vehicles
(3)Tanks(Combat vehicles)
(1)Maintenance vehicles
(1)Military vehicles
(2)Armored vehicles
(3)Armored personnel carriers
(3)Tanks(Combat vehicles)
(2)Bomb handling vehicles
(3)Bomb trucks
(2)Combat vehicles
(3)Self propelled guns
(3)Tanks(Combat vehicles)
(3)Weapons carriers
(2)Utility vehicles
(3)Scout cars
(1)Passenger vehicles
(2)Automotive vehicles
(3)Automotive components
(3)Electric automobiles
(2)Motorcycles
(1)Planetary surface vehicles
(2)Lunar surface vehicles
(1)Recovery vehicles
(1)Rescue vehicles
(2)Ambulances
(1)Swimmer vehicles
(1)Towed vehicles
(2)Railroad cars
(3)Boxcars
(3)Tank cars
(2)Trailers
(3)Semitrailers
(1)Towing vehicles
(2)Locomotives
(2)Towing aircraft
(2)Tractors
(3)Aircraft tractors
(3)Bulldozers
(1)Underwater vehicles
(2)Deep submergence vehicles
(3)Deep submergence rescue vehicles
(2)Submersibles
(3)Submarines
(4)Attack submarines
(4)Nuclear powered submarines
(5)Ballistic missile submarines
(4)Submarine hulls
(5)Submarine sails
(1)Vehicle equipment
(2)Mud guards
(2)Tire chains
(2)Tire tube patches
(2)Tire tubes
(3)Inner tubes

(2)Tow bars
(2)Vehicle chassis components
(3)Axle shafts
(3)Clutches
(3)Differentials(Mechanical)
(3)Roadwheels
(3)Tires
(4)Aircraft tires
(4)Radial tires
(3)Torsion bars
(3)Transmissions(Mechanical)
(4)Automatic transmissions
(3)Universal joints
(3)Vehicle brakes
(4)Wheel brakes
(3)Vehicle tracks
(3)Wheel hubs
(2)Vehicle heaters
(2)Vehicle instruments
(2)Windshield wipers

Ventilation
(1)Positive crankcase ventilation
(1)Venting

Vents
(1)Tank vents

Virulence
(1)Low virulence

Visibility
(1)Obscuration
(1)Whiteout

Visual aids
(1)Audiovisual aids

Vitamins
(1)Ascorbic acid
(2)Ascorbates
(1)Linoleic acid
(1)Vitamin A
(2)Retinoic acids
(1)Vitamin B complex
(2)Cholines
(3)Acetylcholine
(3)Lecithin
(2)Folic acid
(2)Nicotinic acid
(3)Arecoline
(2)Thiamines
(1)Vitamin D
(1)Vitamin E
(1)Vitamin K
(1)Vitamin P

Voids
(1)Cavities
(2)Boreholes
(1)Interstitial

Voltage dividers
(1)Autotransformers

Vulnerability
(1)Risk
(2)Risk analysis
(2)Risk management

W

Warfare
(1)Acoustic warfare
(1)Aerial warfare
(2)Air power
(2)Air strikes
(1)Battles
(2)Air land battles
(2)Combat effectiveness
(2)Order of battle
(1)Biological warfare
(2)Biological warfare agents
(3)B agents
(1)Catalytic conflict(Warfare)
(1)Chemical warfare
(2)Chemical warfare agents
(3)Antipersonnel agents
(4)Choking agents
(4)Incapacitating agents
(5)BZ agents
(5)Irritating agents
(6)CS agents
(6)Irritation
(6)Tear gas
(5)Psychochemical agents
(6)Psilocin
(6)Psychotropic agents
(7)Hallucinogens
(8)Lysergic acids
(8)Psilocin
(7)Psychoanaleptic agents
(7)Tranquilizers
(8)Diazepam
(8)Methaqualone
(8)Oxazepam
(5)Riot control agents
(4)Nerve agents
(5)G agents
(6)GA agent
(6)GB agent
(6)GD agent
(5)V agents
(6)VE agent
(6)VX agent
(4)Vesicants
(5)Arsenic agents
(5)Lewisite
(5)Mustard agents
(6)HD agent
(6)Nitrogen mustards
(3)Blood agents
(3)C agents
(3)Chemical agent simulants
(3)Nonlethal agents
(4)Choking agents

(4)Incapacitating agents
(5)BZ agents
(5)Irritating agents
(6)CS agents
(6)Irritation
(6)Tear gas
(5)Psychochemical agents
(6)Psilocin
(6)Psychotropic agents
(7)Hallucinogens
(8)Lysergic acids
(8)Psilocin
(7)Psychoanaleptic agents
(7)Tranquilizers
(8)Diazepam
(8)Methaqualone
(8)Oxazepam
(5)Riot control agents
(4)Vomiting agents
(3)Poisonous gases
(4)Phosgene
(1)Conventional warfare
(2)First World War
(2)Korean War
(2)Persian Gulf War
(2)Second World War
(2)Vietnam War
(1)Economic warfare
(1)Electronic warfare
(2)Electronic counter countermeasures
(3)Antijamming
(4)Radar antijamming
(4)Radio antijamming
(2)Electronic countermeasures
(3)Communications countermeasures
(3)Jamming
(4)Acoustic jamming
(4)Infrared jamming
(4)Look through jamming
(4)Noise jamming
(5)Noise jammers
(4)Optical jamming
(4)Radar jamming
(4)Radio jamming
(4)Repeater jammers
(3)Radar countermeasures
(4)Radar absorbing materials
(4)Radar confusion reflectors
(5)Chaff
(4)Radar decoys
(4)Radar jamming
(4)Radar warning receivers
(3)Radar deception
(4)Radar camouflage
(4)Radar confusion reflectors
(5)Chaff
(4)Radar repeaters
(3)Radio countermeasures
(3)Radio deception
(2)Information warfare
(3)Information surveillance
(2)Radar interception
(2)Radio interception
(1)Limited warfare
(2)Low intensity conflict
(1)Mine warfare
(2)Aerial mine warfare
(2)Land mine warfare
(2)Mine countermeasures
(3)Countermining
(3)Mine clearance
(4)Minesweeping
(5)Acoustic minesweeping
(5)Magnetic minesweeping
(5)Minesweeping equipment
(3)Mine neutralization
(2)Mine hunting
(3)Mine detection
(2)Minefields
(2)Minelaying
(3)Minelaying equipment
(2)Naval mine warfare
(1)Naval warfare
(2)Antiship warfare
(2)Naval mine warfare
(1)Night warfare
(1)Nuclear warfare
(1)Optical warfare
(1)Psychological warfare
(1)Radiological warfare
(2)Radiological warfare agents
(1)Riverine warfare
(1)Space warfare
(2)Space defense
(3)Antisatellite defense systems
(3)Spacecraft defense systems
(1)Strategic warfare
(2)Strategic analysis
(2)Strategic bombing
(1)Strike warfare
(2)First strike capability
(2)Second strike capability
(1)Tactical warfare
(2)Battle management
(2)Combat support
(3)Close support
(4)Tactical air support
(3)Fire support
(2)Flame warfare
(2)Land warfare
(3)Land mine warfare
(3)Tank warfare
(4)Antitank warfare
(3)Urban warfare
(2)Tactical bombing
(2)Tactical data systems
(3)Naval tactical data system
(1)Unconventional warfare
(2)Counterinsurgency
(2)Counterterrorism
(2)Evasion
(2)Guerrilla warfare
(3)Ambush
(3)Arab guerrillas
(2)Sabotage
(2)Sectarian violence
(2)Subversion
(3)Espionage
(2)Terrorism
(3)Assassination

(3)Domestic terrorism
(1)Undersea warfare
(2)Antisubmarine warfare
(3)Hunter killer groups

Wastes
(1)Hazardous wastes
(1)Liquid wastes
(2)Effluents
(2)Oil wastes
(2)Waste water
(1)Radioactive wastes
(1)Residues
(1)Solid wastes
(2)Sludge
(3)Activated sludge process
(2)Spoil
(3)Dredged materials
(1)Waste gases
(1)Wastes(Industrial)
(2)Slags
(1)Wastes(Sanitary engineering)
(2)Garbage
(2)Sewage

Water entry
(1)Splash

Waveforms
(1)Group velocity
(1)Phase velocity
(1)Pulse amplitude
(1)Sawtooth waveforms

Waves
(1)Evanescent waves
(1)Hypersonic waves
(1)Internal waves
(1)Mechanical waves
(2)Compression waves
(2)Elastic waves
(3)Acoustic waves
(4)Infrasonic radiation
(5)Infrasound
(4)Sound waves
(4)Surface acoustic waves
(4)Ultrasonic radiation
(3)Detonation waves
(3)Phonons
(3)Rayleigh waves
(4)Surface acoustic waves
(3)Secondary waves
(3)Shock waves
(4)Sonic boom
(3)Stress waves
(3)Underwater acoustics
(2)Electromechanical waves
(2)Gravity waves
(2)Microbarometric waves
(2)Seismic waves
(3)Earthquakes
(4)Epicenters
(4)Tsunamis
(3)Microseisms
(3)Primary waves(Seismic waves)
(3)Seismic signatures
(2)Vibration
(3)Flutter
(3)Jitter
(3)Modal analysis
(3)Molecular vibration
(3)Random vibration
(3)Strumming
(2)Water waves
(3)Lake waves
(3)Ocean waves
(4)Surf
(1)Plane waves
(1)Ripples
(1)Sine waves
(1)Solitons
(1)Spherical waves
(1)Square waves
(1)Standing waves
(2)Rossby waves
(1)Surface waves
(2)Love waves
(2)Surface acoustic waves
(1)Transverse waves
(2)Gamma rays
(3)Neutron capture gamma rays
(2)Secondary waves
(1)Traveling waves

Wear
(1)Ablation
(2)Ablative materials
(1)Abrasion
(1)Erosion
(2)Erosion resistance
(2)Soil erosion
(3)Beach erosion
(2)Sputtering
(2)Water erosion
(3)Rain erosion
(2)Wind erosion
(1)Fretting
(1)Weathering

Weight
(1)Ballast
(1)Body weight
(1)Lightweight
(1)Strength weight ratio
(1)Weight reduction

Welds
(1)Arc welds
(1)Flash welds
(1)Spot welds
(1)Welded joints
(1)Weldments

Wheels
(1)Flywheels
(1)Grinding wheels
(2)Diamond wheels
(1)Idler wheels
(1)Nose wheels
(1)Tail wheels

(1)Turbine wheels
(2)Gas turbine rotors

Wire
(1)Electric wire
(1)Field wire
(1)Hot wire
(1)Lead wires

Wood
(1)Hardwoods
(1)Lignin
(1)Lumber
(1)Plywood
(1)Sawdust
(1)Wood pulp

Work
(1)Work elements

Wounds and injuries
(1)Aviation injuries
(1)Bites and stings
(1)Bone fractures
(1)Brain damage
(1)Burns(Injuries)
(2)Chorioretinal burns
(1)Chemical warfare injuries
(1)Frostbite
(1)Lesions
(1)Radiation injuries
(2)Chorioretinal burns
(1)Repetitive stress injuries
(1)Strains(Biology)
(1)Trauma
(2)Bullet wounds
(2)Concussion
(2)Crash injuries
(2)Traumatic shock
(1)Whiplash
(1)White phosphorus injuries

Writing
(1)Editing
(1)Handwriting
(1)Technical writing

X

X ray apparatus
(1)Fluoroscopes
(1)X ray tubes

Y

Yield
(1)Output
(2)Computer printouts
(1)Yield(Nuclear explosions)

Z

KEY WORDS OUT OF CONTEXT (KWOC)

KWOC EXPLANATION

The Keyword Out of Context (KWOC) listing of Controlled Terms provides an alphabetical entry to the vocabulary on an individual word basis regardless of the location of the word in a Controlled Term.

In the following example, the KWOC word appears farthest left. Listed directly below and to the right in alphabetical order are all the Controlled Terms containing that word.

EXAMPLE:

activation
Activation
Activation energy
Heat of activation
Neutron activation

The KWOC Index is a reference tool to aid in locating the best terms for indexing and retrieval.

A

a
A band
Clostridiopeptidase A
Group A arboviruses
Vitamin A
abandonment
Abandonment
abatement
Pollution abatement
Smoke abatement
Water pollution abatement
abbreviations
Abbreviations
abdomen
Abdomen
ability
Mental ability
abiotic
Abiotic processes
ablation
Ablation
ablative
Ablative materials
abnormal
Abnormal psychology
abnormalities
Abnormalities
Congenital abnormalities
abo
ABO incompatibility
abort
Abort
abortion
Abortion
abortus
Brucella abortus
abrasion
Abrasion
abrasive
Abrasive blasting
abrasives
Abrasives
abscesses
Abscesses
absenteeism
Absenteeism
absorbers
Absorbers(Equipment)
Absorbers(Materials)
Energy absorbers
Neutron absorbers
Shock absorbers
absorbing
Radar absorbing materials
absorption
Absorption
Absorption coefficients
Absorption cross sections
Absorption spectra
Acoustic absorption
absorption (cont.)
Biological absorption
Gamma ray absorption coefficients
Neutron absorption
Polar cap absorption
Radiation absorption
Resonance absorption
Transdermal absorption
Two photon absorption
Water absorption tests
X ray absorption analysis
abstracts
Abstracts
abuse
Drug abuse
abyssal
Abyssal zones
academy
United States Air Force Academy
United States Coast Guard Academy
United States Military Academy
United States Naval Academy
accelerated
Accelerated testing
acceleration
Acceleration
Acceleration tolerance
Angular acceleration
High acceleration
Impact acceleration
accelerator
Particle accelerator components
Particle accelerator targets
Particle accelerator techniques
accelerators
Cockroft Walton accelerators
Collider accelerators
Electron accelerators
Electrostatic accelerators
Ion accelerators
Linear accelerators
Particle accelerators
Plasma accelerators
Proton accelerators
Ram accelerators
Traveling wave electron accelerators
accelerometers
Accelerometers
acceptability
Acceptability
acceptance
Acceptance tests
acceptors
Electron acceptors
access
Access
Access time
Block oriented random access memories
Code division multiple access
Computer access control
Frequency division multiple access
Multiple access
Random access computer storage
accident
Accident investigations
accidents
Accidents
Aviation accidents
Boat and ship accidents
Motor vehicle accidents
Reactor accidents
acclimatization
Acclimatization
Altitude acclimatization
Heat acclimatization
accountability
Accountability
accounting
Accounting
Electronic accounting machines
accumulation
Accumulation
accumulators
Accumulators
Hydraulic accumulators
accuracy
Accuracy
acetal
Acetal resins
acetaldehyde
Acetaldehyde
acetals
Acetals
acetamides
Acetamides
acetates
Acetates
Cellulose acetates
acetazolamide
Acetazolamide
acetic
Acetic acid
Acetic anhydride
acetones
Acetones
acetonitrile
Acetonitrile

acetophenones
Acetophenones
acetyl
Acetyl chloride
acetylation
Acetylation
acetylcholine
Acetylcholine
acetylcholinesterase
Acetylcholinesterase
acetylene
Acetylene
acetylenes
Acetylenes
acetyltransferase
Choline acetyltransferase
achievement
Achievement tests
achromatic
Achromatic
acid
Acetic acid
Acid base equilibrium
Acid citrate dextrose
Acid deposition
Acid phosphatase
Acrylic acid
Alginic acid
Anthranilic acid
Arsonic acid
Ascorbic acid
Aspartic acid
Benzeneboronic acid
Boric acid
Carbamic acid
Chromic acid
Cinnamic acid
Citric acid
Cyanuric acid
Fatty acid esters
Folic acid
Formic acid
Glutamic acid
Glutaric acid
Glycolic acid
Glyoxylic acid
Gymnemic acid
Hippuric acid
Hydrazoic acid
Hydrochloric acid
Hydrofluoric acid
Hygric acid
Hypochlorous acid
Imino diacetic acid
Isocyanic acid
Kojic acid
Lactic acid
Lead acid batteries
Linoleic acid
Linolenic acid
Lipoic acid
Maleic acid
Malic acid
Malonic acid

acid (cont.)
Neuraminic acid
Nicotinic acid
Nitric acid
Nucleic acid components
Octanoic acid
Oleic acid
Osmic acid
Oxalacetic acid
Oxalic acid
Peracetic acid
Perchloric acid
Picramic acid
Picric acid
Propionic acid
Pyruvic acid
Sebacic acid
Stearic acid
Succinic acid
Sulfuric acid
Tannic acid
Terephthalic acid
Thiobarbituric acid
Uric acid
acidophilus
Lactobacillus acidophilus
acidosis
Acidosis
acids
Acids
Aliphatic acids
Amino acids
Barbituric acids
Benzoic acids
Butyric acids
Carboxylic acids
Deoxyribonucleic acids
Dibasic organic acids
Fatty acids
Hydroxamic acids
Inorganic acids
Levulinic acids
Lysergic acids
Molybdic acids
Nucleic acids
Organic acids
Phenoxyacetic acids
Phosphinic acids
Phosphonic acids
Phosphoric acids
Phthalic acids
Retinoic acids
Ribonucleic acids
Salicylic acids
Selenious acids
Sialic acids
Silicic acids
Styphnic acids
Sugar acids
Sulfamic acids
Sulfinic acids
Sulfonic acids
Uronic acids

acids (cont.)
Vanillic acids
acne
Acne
acoustic
Acoustic absorption
Acoustic arrays
Acoustic attenuation
Acoustic beams
Acoustic channels
Acoustic coatings
Acoustic communications
Acoustic compatibility
Acoustic countermeasures
Acoustic data
Acoustic decoys
Acoustic delay lines
Acoustic detection
Acoustic detectors
Acoustic emissions
Acoustic equipment
Acoustic fields
Acoustic filters
Acoustic holography
Acoustic homing
Acoustic horns
Acoustic images
Acoustic impedance
Acoustic insulation
Acoustic intelligence
Acoustic jamming
Acoustic lenses
Acoustic materials
Acoustic measurement
Acoustic microscopes
Acoustic mines
Acoustic minesweeping
Acoustic navigation
Acoustic properties
Acoustic ranges
Acoustic recording systems
Acoustic reflection
Acoustic refraction
Acoustic resonance
Acoustic resonators
Acoustic scattering
Acoustic signals
Acoustic signatures
Acoustic surveillance
Acoustic tomography
Acoustic torpedoes
Acoustic tracking
Acoustic velocity
Acoustic warfare
Acoustic waves
Acoustic windows
Surface acoustic wave devices
Surface acoustic waves

acoustics
Acoustics
Underwater acoustics
acoustooptics
Acoustooptics
acquired
Acquired immune deficiency syndrome
acquisition
Acquisition
Acquisition radar
Data acquisition
Perimeter acquisition radar
Target acquisition
acridines
Acridines
acroleins
Acroleins
acrylates
Acrylates
acrylic
Acrylic acid
Acrylic resins
acrylonitrile
Acrylonitrile polymers
actinide
Actinide series
Actinide series compounds
actinium
Actinium
Actinium compounds
actinobacillus
Actinobacillus
Actinobacillus mallei
actinomyces
Actinomyces
actinomycetaceae
Actinomycetaceae
actinomycetales
Actinomycetales
actinopoda
Actinopoda
action
Civic action
activated
Activated carbon
Activated sintering
Activated sludge process
Target activated munitions
Water activated batteries
activation
Activation
Activation energy
Heat of activation
Neutron activation
active
Active defense
Active duty
Active immunity
Surface active substances
activities
Advisory activities
Joint military activities
activity
Extravehicular activity
Fission product activity
Solar activity
actuated
Propellant actuated devices
actuation
Actuation
actuators
Actuators
Explosive actuators
Hydraulic actuators
Pneumatic actuators
acuity
Acuity
Auditory acuity
Visual acuity
acupuncture
Acupuncture
acutance
Photographic acutance
acute
Acute respiratory disease virus
acylase
Penicillin acylase
acylation
Acylation
ada
ADA programming language
adamantanes
Adamantanes
adaptation
Adaptation
Adaptation(Physiology)
Dark adaptation
adapters
Adapters
adaptive
Adaptive communications
Adaptive control systems
Adaptive filters
Adaptive optics
Adaptive systems
Adaptive training
adatoms
Adatoms
addiction
Drug addiction
addition
Addition
Addition reactions
additives
Additives
Food additives
Fuel additives
Lubricant additives
address
Discrete address beacon systems
Public address systems
addressing
Addressing
aden
Aden Gulf
adenine
Adenine
adenosine
Adenosine
Adenosine phosphates
adenoviruses
Adenoviruses
adenyl
Adenyl cyclase
adhesion
Adhesion
adhesive
Adhesive bonding
Adhesive tapes
adhesives
Adhesives
Rubber adhesives
adiabatic
Adiabatic conditions
Adiabatic gas flow
adipose
Adipose tissue
adjusting
Setting(Adjusting)
adjustment
Adjustment(Psychology)
administration
Contract administration
Hospital administration
Public administration
administrative
Administrative law
Administrative personnel
admittance
Admittance
adolescents
Adolescents
adrenal
Adrenal cortex
Adrenal cortex hormones
Adrenal glands
Adrenal medulla hormones
adrenocorticotropic
Adrenocorticotropic hormone
adriatic
Adriatic Sea
adsorbates
Adsorbates
adsorbents
Adsorbents

adsorption
Adsorption
adults
Adults
advanced
Advanced range instrumentation ships
Advanced weapons
advancement
Promotion(Advancement)
advection
Advection
adverse
Adverse conditions
advisors
Military advisors
advisory
Advisory activities
aedes
Aedes
aegean
Aegean Sea
aeration
Aeration
aerators
Aerators
aerial
Aerial cameras
Aerial delivery
Aerial gunners
Aerial gunnery
Aerial mine warfare
Aerial mines
Aerial photographs
Aerial photography
Aerial pickup systems
Aerial propellers
Aerial reconnaissance
Aerial rudders
Aerial surveys
Aerial targets
Aerial warfare
aerobacter
Aerobacter
Aerobacter aerogenes
aeroballistics
Aeroballistics
aerobic
Aerobic bacteria
Aerobic processes
aerobiology
Aerobiology
aerodynamic
Aerodynamic characteristics
Aerodynamic configurations
Aerodynamic control surfaces
Aerodynamic drag
Aerodynamic forces
Aerodynamic heating
Aerodynamic lift
Aerodynamic loading
aerodynamic (cont.)
Aerodynamic noise
Aerodynamic slots
Aerodynamic stability
aerodynamics
Aerodynamics
Tracks(Aerodynamics)
Trim(Aerodynamics)
Twist(Aerodynamics)
Unsteady aerodynamics
aeroelasticity
Aeroelasticity
aerogels
Aerogels
aerogenes
Aerobacter aerogenes
aeromedical
Aeromedical evacuation
aeronautical
Aeronautical booms
Aeronautical engineering
Aeronautical laboratories
aeronautics
Aeronautics
Ground roll(Aeronautics)
aeronomy
Aeronomy
aeroservoelasticity
Aeroservoelasticity
aerosol
Aerosol generators
aerosols
Aerosols
Bacterial aerosols
Biological aerosols
aerospace
Aerospace craft
Aerospace environments
Aerospace industry
Aerospace medicine
Aerospace systems
Umbilical cords(Aerospace)
aerospaceplanes
Aerospaceplanes
aerostatics
Aerostatics
aerothermodynamics
Aerothermodynamics
aerothermoelasticity
Aerothermoelasticity
aerothermopressors
Aerothermopressors
aerozine
Aerozine
aeruginosa
Pseudomonas aeruginosa
affairs
Civil affairs
afghanistan
Afghanistan
afocal
Afocal optical lenses
africa
Africa
East Africa
North Africa
Saharan Africa
South Africa
Subsaharan Africa
West Africa
african
African Americans
africans
Africans
afterbodies
Afterbodies
Boattail afterbodies
Flared afterbodies
afterburners
Afterburners
afterburning
Afterburning
afterglows
Afterglows
afterimages
Afterimages
agar
Agar
age
Age distribution
Age hardening
Geologic age determination
Neutron age
agent
Agent Orange
Biological agent detectors
Chemical agent detectors
Chemical agent simulants
GA agent
GB agent
GD agent
HD agent
Toxic agent alarms
VE agent
VX agent
agents
Anticrop agents
Antifogging agents
Antiinflammatory agents
Antimateriel agents
Antimicrobial agents
Antineoplastic agents
Antipersonnel agents
Antirain agents
Antispasmodic agents
Antitubercular agents
Antiviral agents
Arsenic agents

agents (cont.)
Autonomic agents
B agents
Binary chemical agents
Biological agents
Biological warfare agents
Bleaching agents
Blood agents
BZ agents
C agents
Cardiovascular agents
Chelating agents
Chemical agents
Chemical warfare agents
Chemotherapeutic agents
Choking agents
Corticosteroid agents
Cryoprotective agents
CS agents
Curing agents
Diagnostic agents
Fire extinguishing agents
G agents
Incapacitating agents
Irritating agents
Lethal agents
Mustard agents
Nerve agents
Nonlethal agents
Parasympatholytic agents
Parasympathomimetic agents
Psychoanaleptic agents
Psychochemical agents
Psychotropic agents
Radiological warfare agents
Radioprotective agents
Reducing agents
Riot control agents
Sympatholytic agents
Sympathomimetic agents
Thyroid and antithyroid agents
Toxic agents
V agents
Vomiting agents
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Agglomerates
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Agglutination
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Frequency agility
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Aging(Physiology)
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Agreements
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Agricultural chemistry
Agricultural economics
agriculture
Agriculture
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Agronomy
aid
First aid
Foreign aid
aided
Computer aided design
Computer aided diagnosis
Computer aided instruction
Computer aided manufacturing
Machine aided indexing
aids
Audiovisual aids
Decision aids
Landing aids
Navigational aids
Penetration aids
Visual aids
ailerons
Ailerons
aiming
Aiming
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Air
Air bag restraint systems
Air brake flaps
Air breathing
Air breathing engines
Air breathing engines(Unconventional)
Air capable ships
Air cleaners
Air compressors
Air conditioning equipment
Air control centers
Air cooled
Air cushion vehicles
Air defense
Air Defense Command
Air drop operations
Air ejectors
Air entrainment
Air filters
Air flow
Air Force
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Air gaps
Air guns
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Air intakes
Air intelligence
Air land battles
Air launched
Air locks
Air logistics support
Air mass analysis
Air masses
Air navigation
Air pollution
Air pollution control equipment
Air pollution effects(Animals)
Air power
Air pressure
Air quality
Air resistance
Air sea rescue beacons
Air sea rescues
Air space
Air springs
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Air to air
Air to air missiles
Air to air missiles
Air to space
Air to space missiles
Air to surface
Air to surface missiles
Air to underwater
Air to underwater missiles
Air towed
Air traffic
Air traffic control systems
Air traffic control terminal areas
Air traffic controllers
Air transportable equipment
Air transportation
Air water interactions
Carburetor air scoops
Clear air turbulence
Compressed air
Engine air systems components
Forward area air defense

air (cont.)
systems
Fuel air explosives
Fuel air ratio
Gun air defense systems
Indoor air pollution
Metal air batteries
Naval air stations
Ship to air
Strategic Air Command
Surface to air
Surface to air missiles
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Tactical air control systems
Tactical air support
Underwater to air
United States Air Force Academy

airborne
Airborne
Airborne early warning
Airborne warning and control system

airburst
Airburst

aircraft
Aircraft
Aircraft ammunition
Aircraft antennas
Aircraft cabins
Aircraft canopies
Aircraft carburetors
Aircraft carriers
Aircraft control cables
Aircraft defense systems
Aircraft design
Aircraft detection
Aircraft doors
Aircraft engine cowlings
Aircraft engine ducts
Aircraft engine heaters
Aircraft engine noise
Aircraft engine oils
Aircraft engines
Aircraft equipment
Aircraft exhaust
Aircraft finishes
Aircraft fire control systems
Aircraft fires
Aircraft flares
Aircraft guns
Aircraft heaters
Aircraft hijacking
Aircraft industry
Aircraft intercept control systems
Aircraft interception
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Aircraft panels
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Aircraft rockets
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Aircraft seats
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Aircraft torpedoes
Aircraft tractors
Aircraft turrets
All wing aircraft
Amphibious aircraft
Antisubmarine aircraft
Army aircraft
Attack aircraft
Bomber aircraft
Carrier based aircraft
Coast Guard aircraft
Commercial aircraft
Composite aircraft
Downed aircraft
Drone control aircraft
Electronic aircraft
Fighter aircraft
Fixed wing aircraft
General aviation aircraft
Hypersonic aircraft
Jet aircraft
Jet aircraft noise
Jet training aircraft
Jet transport aircraft
Marine Corps aircraft
Military aircraft
Naval aircraft
Observation aircraft
Parasite aircraft
Passenger aircraft
Patrol aircraft
Reconnaissance aircraft
Research aircraft
Rocket aircraft
Rotary wing aircraft
Short takeoff aircraft
Supersonic aircraft
Supersonic transport aircraft
Tactical aircraft
Tailless aircraft
Tails(Aircraft)
Tanker aircraft
Tilt rotor aircraft
Tilt wing aircraft
Towed aircraft
Towing aircraft
Training aircraft
Transonic aircraft
Transport aircraft
Utility aircraft
Variable stability aircraft
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Airfoils
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Supercritical airfoils
Supersonic airfoils
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Airframes

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Airglow

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Airlift operations

airmobile
Airmobile operations

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Airport radar systems

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Airships

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Captive airspace craft

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Rickettsia akari

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Alabama
Alabama River

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Alanines

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Alaska Gulf
Barrow(Alaska)
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Alberta

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Albinism
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Egg albumin
Serum albumin
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Albuminoids
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Albumins
alcohol
Alcohol consumption
Polyvinyl alcohol
Vinyl alcohol
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Alcoholic beverages
alcoholism
Alcoholism
alcohols
Alcohols
Sugar alcohols
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Aldehyde lyases
Aldehyde polymers
aldehydes
Aldehydes
aldoses
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aldosterone
Aldosterone
aldoximes
Aldoximes
aldrin
Aldrin
aleutian
Aleutian Islands
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Alfalfa
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Algae
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Algebra
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Algeria
alginic
Alginic acid
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Alignment
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Aliphatic acids
Aliphatic compounds
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alkalescens
Veillonella alkalescens
alkali
Alkali glass
Alkali metal alloys
Alkali metal compounds
Alkali metals
alkaline
Alkaline batteries
Alkaline earth compounds
Alkaline earth metals
Alkaline earth oxides
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Alkalinity
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Alkaloids
Anhalonium alkaloids
Belladonna alkaloids
Cinchona alkaloids
Curare alkaloids
Ergot alkaloids
Indole alkaloids
Isoquinoline alkaloids
Opium alkaloids
Purine alkaloids
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Rauwolfia alkaloids
Strychnos alkaloids
Tropane alkaloids
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Alkanes
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Alkenes
alkoxy
Alkoxy radicals
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Alkyl radicals
Alkyl transferases
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Alkylation
alkynes
Alkynes
all
All inertial guidance
All sky cameras
All volunteer
All weather
All weather aviation
All wing aircraft
allen
Van Allen radiation belt
allergenic
Allergenic extracts
allergens
Allergens
allergic
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allethrin
Allethrin
alliances
Political alliances
alligator
Alligator weed
allocation
Frequency allocation
allocations
Allocations
allotment
Financial allotment
alloxan
Alloxan
alloy
Low alloy steels
Nickel alloy inconel
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Alkali metal alloys
Alloys
Aluminum alloys
Antimony alloys
Arsenic alloys
Barium alloys
Beryllium alloys
Binary alloys
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Boron alloys
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Cadmium alloys
Calcium alloys
Carbon alloys
Casting alloys
Cerium alloys
Cesium alloys
Chromium alloys
Cobalt alloys
Copper alloys
Copper nickel alloys
Corrosion resistant alloys
Gadolinium alloys
Gallium alloys
Germanium alloys
Gold alloys
Hafnium alloys
Heat resistant alloys
High strength alloys
Indium alloys
Iridium alloys
Iron alloys
Lead alloys
Lithium alloys
Low temperature alloys
Magnesium alloys
Magnetic alloys
Manganese alloys
Mercury alloys
Metalloid alloys
Metastable alloys
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Neodymium alloys
Nickel alloys
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Osmium alloys
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Strontium alloys
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Tellurium alloys
Thallium alloys
Thorium alloys
Tin alloys
Titanium alloys
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Uranium alloys
Vanadium alloys
Yttrium alloys
Zinc alloys
Zirconium alloys
alluvium
Alluvium
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Almanacs
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Alopecia
alpha
Alpha bombardment
Alpha counters
Alpha cross sections
Alpha decay
Alpha globulin
Alpha particle detectors
Alpha particle reactions
Alpha particle spectroscopy
Alpha particles
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Alphabets
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Alphanumeric data
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Nickel aluminide
Titanium aluminide
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Aluminides
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Aluminized explosives
Aluminized propellants
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Aluminosilicates
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Aluminum
Aluminum alloys
Aluminum arsenides
Aluminum coatings
Aluminum compounds
Aluminum foil
Aluminum gallium arsenides
Aluminum intermetallics
Aluminum laurate
Aluminum nitrides
Aluminum oxides
Aluminum soaps
Aluminum sulfate
Yttrium aluminum garnet
alums
Alums
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Alveolar bone
alveoli
Alveoli
alzheimer
Alzheimer disease
amalgams
Amalgams
amatex
Amatex
amatol
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Amazon River
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ambiguity
Ambiguity
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Amine fuels
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Amines
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Amino acids
Amino plastics
aminotransferases
Aminotransferases
ammeters
Ammeters
ammino
Ammino compounds
ammonia
Ammonia
Liquid ammonia
ammonium
Ammonium compounds
Ammonium nitrate
Ammonium perchlorate
Ammonium picrate
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Aircraft ammunition
Ammunition
Ammunition belt links
Ammunition cases
Ammunition components
Ammunition containers
Ammunition damage
Ammunition feed mechanisms
Ammunition fragments
Antiaircraft ammunition
Antiarmor ammunition
Antimateriel ammunition
Antipersonnel ammunition
Antiship ammunition
Antisubmarine ammunition
Antitank ammunition
Armor piercing ammunition
Artillery ammunition
Ball ammunition
Caseless ammunition
Fin stabilized ammunition

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Firing mechanisms(Ammunition)
Fragmentation ammunition
High explosive ammunition
Incendiary ammunition
Linkless ammunition
Mortar ammunition
Photoflash ammunition
Small arms ammunition
Spin stabilized ammunition
Tracer ammunition
Training ammunition
Unexploded ammunition
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Amnesia
amnesic
Amnesic aphasia
amniocentesis
Amniocentesis
amoeba
Amoeba
amoebina
Amoebina
amorphous
Amorphous materials
amortization
Amortization
amphetamines
Amphetamines
amphibians
Amphibians
amphibious
Amphibious aircraft
Amphibious assault ships
Amphibious operations
Amphibious ships
Amphibious vehicles
amphoteric
Amphoteric
amphotericin
Amphotericin
amplidynes
Amplidynes
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Amplification
amplifiers
Amplifiers
Audio amplifiers
Backward wave amplifiers
Bandpass amplifiers
Current amplifiers
Dielectric amplifiers
Distributed amplifiers
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Fluid amplifiers
Fluidic amplifiers
Intermediate frequency amplifiers

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Radiofrequency amplifiers
Transistor amplifiers
Tuned amplifiers
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Amplitude
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Nulls(Amplitude)
Pulse amplitude
Pulse amplitude modulation
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Amputation
Amputation stumps
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Amputees
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Anaerobic bacteria
Anaerobic processes
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Analgesia
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Analgesics
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Analog computer analysis
Analog computers
Analog signals
Analog simulation
Analog systems
Analog to digital converters
Digital to analog converters
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Analogs
Chemical analogs
analysis
Air mass analysis
Analog computer analysis
Analysis of variance
Bivariate analysis
Blood analysis
Chemical analysis
Chromatographic analysis

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Colorimetric analysis
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Cost analysis
Cost benefit analysis
Defect analysis
Differential thermal analysis
Diffraction analysis
Discriminate analysis
Economic analysis
Error analysis
Factor analysis
Fault tree analysis
Filter analysis
Finite element analysis
Fourier analysis
Functional analysis
Gas analysis
Gravimetric analysis
Harmonic analysis
In situ analysis
In vitro analysis
In vivo analysis
Inventory analysis
Job analysis
Linear regression analysis
Mathematical analysis
Mission area analysis
Modal analysis
Multivariate analysis
Network analysis(Management)
Nonlinear analysis
Nonlinear propagation analysis
Numerical analysis
Nutrient analysis
Optical analysis
Parametric analysis
Photoactivation analysis
Photographic analysis
Polarographic analysis
Potentiometric analysis
Qualitative analysis
Quantitative analysis
Radioactivation analysis
Regression analysis
Risk analysis
Sequential analysis
Spectrum analysis
Speech analysis
Statistical analysis
Strategic analysis
Streamflow analysis
Stress analysis
Structural analysis
Surface analysis
Systems analysis
Tactical analysis
Tensor analysis
Terrain analysis radar
Thermal analysis

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Time series analysis
Trade off analysis
Tree ring analysis
Vector analysis
Volumetric analysis
Water analysis
X ray absorption analysis
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Analysts
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Analytic functions
Analytic geometry
Analytic number theory
analytical
Analytical chemistry
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Analyzers
Differential analyzers
Digital differential analyzers
Electrostatic analyzers
Frequency analyzers
Harmonic analyzers
Interference analyzers
Noise analyzers
Pulse analyzers
Pulse height analyzers
Sonar sound analyzers
Sound analyzers
Spectrum analyzers
Wave analyzers
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Head(Anatomy)
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Knee(Anatomy)
Neck(Anatomy)
Nose(Anatomy)
Organs(Anatomy)
Sheaths(Anatomy)
Shoulders(Anatomy)
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Anchor chains
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Anchors
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ancylostoma
Ancylostoma
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Androgens
anechoic
Anechoic chambers
anemia
Sickle cell anemia
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Anemias
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Anemometers
Hot wire anemometers
Laser anemometers
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angle
Angle bars
Angle of arrival
Angle of attack
Angle of attack indicators
Angle of incidence
Anhedral angle
Aspect angle
Bragg angle
Dihedral angle
Lead angle
Target angle
Trim angle
angles
Angles
Depression angles
Euler angles
Grazing angles
High angles
Low angles
Rake angles
Right angles
Wide angles
angola
Angola
angular
Angular acceleration
Angular momentum
Angular motion
anhalonium
Anhalonium alkaloids
anharmonic
Anharmonic oscillators
anhedral
Anhedral angle
anhydrase
Carbonic anhydrase
anhydride
Acetic anhydride
anhydrides
Anhydrides
anilines
Anilines
animal
Animal communication
Animal diseases
Animal husbandry
Animal migration
animals
Air pollution effects(Animals)
Animals
Aquatic animals
Domestic animals
Germ free animals
Laboratory animals
Nesting(Animals)
Nocturnal animals
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Anions
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anisotropy
Anisotropy
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Annealing
annelida
Annelida
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Annihilation radiation
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Announcement bulletins
annular
Annular burners
Annular flow
Annular nozzles
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Anodes
Anodes(Electrolytic cell)
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anomalies
Anomalies
Bouguer gravity anomalies
Gravity anomalies
Magnetic anomalies
anomaly
Magnetic anomaly detection
anopheles
Anopheles

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Anorexia
anoxia
Anoxia
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Antacids
antagonists
Pharmacological antagonists
antarctic
Antarctic regions
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Antenna arrays
Antenna components
Antenna configurations
Antenna couplers
Antenna feeds
Antenna lobes
Antenna masts
Antenna pedestals
Antenna radiation patterns
Antenna simulators
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Backfire antennas
Beverage antennas
Biconical antennas
Broadband antennas
Cassegrain antennas
Circular antennas
Conical antennas
Coupled antennas
Cylindrical antennas
Dipole antennas
Directional antennas
Discone antennas
Ground vehicle antennas
Guided missile antennas
Helical antennas
Horn antennas
Lens antennas
Log periodic antennas
Loop antennas
Luneberg lens antennas
Microwave antennas
Monopole antennas
Multiple beam antennas
Nutating antennas
Omnidirectional antennas
Parabolic antennas
Radar antennas
Rocket antennas
Rotating antennas
Satellite antennas
Ship antennas
Slot antennas
Spacecraft antennas
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Unfurlable antennas
Whip antennas
Yagi antennas
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Anthelmintics
anthoxanthin
Anthoxanthin pigments
anthracenes
Anthracenes
anthracis
Bacillus anthracis
anthracite
Anthracite
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Anthranilic acid
anthraquinones
Anthraquinones
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Anthrax
anthrones
Anthrones
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Anthropology
Race(Anthropology)
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Anthropometry
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Antiaircraft ammunition
Antiaircraft defense systems
Antiaircraft fire control systems
Antiaircraft gunnery
Antiaircraft guns
Antiaircraft missiles
Antiaircraft weapons
antiarmor
Antiarmor ammunition
antibiotics
Antibiotics
antibodies
Antibodies
Immunoblocking antibodies
Monoclonal antibodies
Rickettsial antibodies
antibody
Antigen antibody reactions
Fluorescent antibody techniques
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Anticoagulants
anticonvulsants
Anticonvulsants
anticrop
Anticrop agents
anticyclones
Anticyclones
antidisturbance
Antidisturbance devices
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Antidiuretics
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Antiferroelectricity
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Antijamming
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Radio antijamming
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Antiknock
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Antileishmanial drugs
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Lesser Antilles
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Antimateriel ammunition
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Indium antimonides
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antisense
Antisense therapy
antiship
Antiship ammunition
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antispasmodic
Antispasmodic agents
antisubmarine
Antisubmarine aircraft
Antisubmarine ammunition
Antisubmarine defense systems
Antisubmarine fire control systems
Antisubmarine missiles
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Antisubmarine weapon projectors
Antisubmarine weapons
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Antisweep mines
antiswimmer
Antiswimmer defense systems
antitank
Antitank ammunition
Antitank guns
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Antitank missiles
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Thyroid and antithyroid agents
antitorpedo
Antitorpedo torpedoes
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Toxins and antitoxins
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Antiviral agents
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Antivirus software
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Anxiety
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Aorta
aortic
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aperture
Numerical aperture
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Apes
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Apeu viruses
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Aphasia
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Aplysia
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Apogee
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Breathing apparatus
Drying apparatus
Scuba apparatus
Vacuum apparatus
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Computer applications
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Arc welding
Arc welds
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Gas metal arc welding
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Plasma arc welding
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Marine architects
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Electric arcs
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Arctic Ocean
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Area bombing
Area coverage
Area defense
Area denial
Area scanning
Area security
Area suction
Forward area air defense systems
Local area networks
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Nozzle area ratio
Reduction of area
Variable area nozzles
Wide area networks
areas
Air traffic control terminal areas
Aseismic areas
Combat areas
Forward areas
Geographic areas
Inshore areas
Land areas
Rear areas
Remote areas
Rural areas
Shops(Work areas)
Strategic areas
Underdeveloped areas
Urban areas
arecoline
Arecoline
arenaviruses
Arenaviruses
argentina
Argentina
argon
Argon
Argon lasers
arid
Arid land
arithmetic
Arithmetic
Arithmetic units
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Bulk filtering
Bulk materials
Bulk modulus
Bulk semiconductors

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Space buoys
Spar buoys
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burma
Burma
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Propellant burn out
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Burnable poisons
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Annular burners
Burners
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Coxiella burnetii
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Burning rate
Erosive burning
External burning
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Burnout
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Cable fairings
Cable grips
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Cable television
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High speed cameras
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Radar recording cameras
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Electron capture
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Carbamic acid
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Communication switching centers
Control centers
Information centers
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Central America
Central Europe
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Central processing units
Fleet weather central
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Ethyl centralite
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Centralized
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Centrifugal compressors
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CHAMPUS
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Chancroid
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Isostatic change
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Channel flow
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Children
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Fuze functioning elements
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Ellipses

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Embezzlement

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Gamma emission
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Dental enamel
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Encapsulation
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California encephalitis virus
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Japanese B encephalitis virus
Japanese encephalitis
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End milling
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End seals
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Energy storage
Energy transfer
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High energy
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Kinetic energy
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Engine components
Engine cylinders
Engine fuel systems components
Engine generator sets
Engine mounts
Engine mufflers
Engine nacelles
Engine noise
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Engine starters
Engine surge
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Internal combustion engine noise
Jet engine exhaust
Jet engine fairings
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Genetic engineering
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Sanitary engineering
Software engineering
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Automotive engineers
Engineers
Human factors engineers
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Reciprocating engines
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Recoverable booster engines
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Spark ignition engines
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Turbojet engines
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Turboshaft engines
Variable cycle engines
Vernier rocket engines
Wing ramjet engines
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Enteric bacteria
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Salmonella enteritidis
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Enterotoxins
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Atomic layer epitaxy
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Molecular beam epitaxy
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Epoxy composites
Epoxy compounds
Epoxy laminates
Epoxy resins
Graphite epoxy composites
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Venezuelan equine encephalomyelitis virus
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Checkout equipment
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Commercial equipment
Communication equipment
Construction equipment
Cooling and ventilating equipment
Dairy equipment
Data processing equipment
Deck safety equipment
Decontamination equipment
Dental equipment
Diagnostic equipment
Disposable equipment
Distance measuring equipment
Diver equipment
Drydock equipment
Earth handling equipment
Electrical equipment
Electronic equipment
Electronic photoflash equipment
Facsimile equipment
Field equipment
Government furnished equipment
Ground support equipment
Hydraulic equipment
Industrial equipment
Infrared equipment
Jettisonable equipment
Kitchen equipment and supplies
Laboratory equipment
Lighting equipment
Line throwing equipment
Long path infrared equipment
Maintenance equipment
Manportable equipment
Marine Corps equipment
Marine safety equipment
Materials handling equipment

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Minelaying equipment
Minesweeping equipment
Miniature electrical equipment
Miniature electronic equipment
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Naval equipment
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Off the shelf equipment
Office equipment and supplies
Optical equipment
Optical equipment components
Oxygen equipment
Panoramic equipment
Photographic equipment
Photographic processing equipment
Pneumatic equipment
Portable equipment
Power equipment
Printing equipment
Processing equipment
Protective equipment
Radar equipment
Radio equipment
Rental equipment
Rescue equipment
Reserve equipment
Reusable equipment
Road building equipment
Ruggedized equipment
Russian equipment
Safety equipment
Sea rescue equipment
Semiportable equipment
Ship auxiliary equipment
Sonar equipment
Standby equipment
Submarine equipment
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Erasure

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Erythropoiesis

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Erythropoietins

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Esterases
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Cellulose esters
Cholesteryl esters
Esters
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Cost estimates
Estimates
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Estonia
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Estrogens
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Etching
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Phenyl ether
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Aryl ethers
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Crown ethers
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Ethyl cellulose
Ethyl centralite
Ethyl ethers
Ethyl nitrite
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Ethylene
Ethylene glycol
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Ethylenediamine
ethylenedinitrilo
Ethylenedinitrilo tetraacetates
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Ethyleneimines
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Eubacteriales
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Eucoccidia
eucryptite
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Central Europe
Eastern Europe
Europe
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Western Europe
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Eutectics
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Evasion
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Even even nuclei
Even even nuclei
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Everglades
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Evolution(General)
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Extrapolation
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F band
F region
Spread f
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Fabrication
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Fabrics
Knitted fabrics
Parachute fabrics
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Q factor
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Black and white photographic film
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Film boiling
Film cooling
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Film resistors
Film transport systems
Infrared film
Kalvar film
Magnetic film memories
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Langmuir Blodgett films
Lubricating films
Metal films
Monomolecular films
Polymeric films
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Kalman filtering
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Spatial filtering
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Bandpass filters
Bandstop filters
Chirp filters
Coaxial filters
Comb filters
Crystal filters
Digital filters
Electric filters
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Fluid filters
Fuel filters
Gas filters
High pass filters
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Liquid filters
Low pass filters
Matched filters
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Notch filters
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Surface launched
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Beacon lights
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Indicator lights
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Lithography
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Meat loaf
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Local area networks
Local government
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Low altitude
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Low costs
Low density
Low drag
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Actinobacillus mallei
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Configuration management
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- Organic nitrogen compounds
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Public opinion
Public relations
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Public utilities
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Quantum beats
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Skip spin radar
Spin scan radar
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Radiance

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Ultrasonic radiation
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Hexyl radicals
Hydroxyl radicals
Methyl radicals
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Radio countermeasures
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Radio direction finders
Radio doppler chronographs
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Nozzle area ratio
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Beta ray spectrum
Cathode ray tube screens
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X ray lithography
X ray luminescence
X ray optics
X ray photoelectron spectroscopy
X ray photography
X ray scattering
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Reactivities

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Furan resins
Ion exchange resins
Olefin resins
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Clear air turbulence
Turbulence
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Turkey
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Turkeys
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Turkmenistan
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Turning(Maneuvering)
Turning flight
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Turntables
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Aircraft turrets
Gun turrets
Tank turrets
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Turtles
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Twilight
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Twinning(Crystallography)
twist
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Twist(Motion)
two
Two dimensional
Two dimensional flow
Two phase flow
Two photon absorption
Two way transmission
type
B type stars
N type semiconductors
P type semiconductors
typewriters
Typewriters
typhi
Rickettsia typhi
Salmonella typhi
typhimurium
Salmonella typhimurium
typhoid
Typhoid
typhoons
Typhoons
typhosa
Salmonella typhosa
typhus
Scrub typhus
Typhus
Typhus rickettsiae
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Typography
tyrosine
Tyrosine
tyrrhenian
Tyrrhenian Sea

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Uganda
ukraine
Ukraine
ulcers
Ulcers
ullage
Ullage
ulnar
Ulnar nerve
ultracentrifuges
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ultrafiltration
Ultrafiltration
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Ultrafines
ultrahardness
Ultrahardness
ultrahigh
Ultrahigh frequency
Ultrahigh vacuum
ultralow
Ultralow frequency
ultrasonic
Ultrasonic cleaning
Ultrasonic frequencies
Ultrasonic properties
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Far ultraviolet radiation
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Ultraviolet lamps
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Ultraviolet optical materials
Ultraviolet photography
Ultraviolet radiation
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Ultraviolet spectra
Ultraviolet spectrometers
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Ultraviolet spectroscopy
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umbilical
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unconventional
Air breathing engines(Unconventional)
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underdeveloped
Underdeveloped areas
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Underwater
Underwater acoustics
Underwater ballistics
Underwater cables
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Underwater construction
Underwater cutting
Underwater demolition
Underwater demolition teams
Underwater equipment
Underwater explosions
Underwater life support systems
Underwater light
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Unidentified flying objects
unidirectional
Unidirectional
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Uniforms
uninterruptable
Uninterruptable power generation
unions
Labor unions
united
Military Forces(United States)
President(United States)
United Arab Emirates
United Kingdom
United Nations
United States
United States Air Force Academy
United States Coast Guard Academy
United States government
United States Military Academy
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Artillery units
Bays(Structural units)
Cardiac care units
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Intensive care units
Plug in units
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Unloading
unmanned
Unmanned
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Unskilled personnel
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Pop up systems
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Upwelling
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Uranates
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Depleted uranium
Uranium
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Uric acid
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Uruguay
use
Dual use technology
Land use
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Graphical user interface
User friendly
User manuals
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users
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Utah
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Uzbekistan

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Vacancies(Crystal defects)
vaccine
Plague vaccine
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Live vaccines
Vaccines
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High vacuum
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Butterfly valves
Bypass valves
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Float valves
Flush valves
Gate valves
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Heart valves
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Vancomycin
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Inlet guide vanes
Jet vanes
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Heavy water vapor
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Vectorcardiography
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Ground vehicle antennas
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Vehicle chassis components
Vehicle equipment
Vehicle heaters
Vehicle instruments
Vehicle tracks
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Air cushion vehicles
Amphibious vehicles
Armored vehicles
Automotive vehicles
Bomb handling vehicles
Boost glide vehicles
Cargo vehicles
Combat vehicles
Control test vehicles
Controlled configured vehicles
Crash vehicles
Deep submergence rescue vehicles
Deep submergence vehicles
Fire fighting vehicles
Forklift vehicles
Ground vehicles
Hybrid marine vehicles
Hypersonic test vehicles
Hypersonic vehicles
Kill vehicles
Launch vehicles
Lifting reentry vehicles
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Maneuverable reentry vehicles
Materials handling vehicles
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Passenger vehicles
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Rescue vehicles
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Vesicants
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Video converters
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Low virulence
Virulence
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California encephalitis virus
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Colorado tick virus
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Russian spring summer encephalitis virus
Saint Louis encephalitis virus
Sandfly fever virus infection
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Semliki virus
Sendai virus
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Swine influenza virus
Thogoto virus
Tobacco mosaic virus
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Variola virus
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Herpetic viruses
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Vulnerability
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Wafers
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Waiver
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Walking
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Deep water
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Automatic weapons
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Flame weapons
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White noise
White phosphorus
White phosphorus injuries
White Sea
whiteout
Whiteout
whole
Whole body irradiation
wide
Wide angles
Wide area networks
Wide field cameras
Wide gap semiconductors
width
Width
wiggler
Wiggler magnets
wilderness
Wilderness
wildlife
Wildlife
winches
Winches
wind
Geostrophic wind
Hypersonic wind tunnels
Solar wind
Subsonic wind tunnels
Supersonic wind tunnels
Transonic wind tunnels
Wind
Wind chill
Wind direction
Wind direction indicators
Wind erosion
Wind machines
Wind shear
Wind stress
Wind tunnel models
Wind tunnel nozzles
Wind tunnel tests
Wind tunnels
Wind velocity
winding
Winding
Wire winding machines
window
Window projectiles
Window rockets
windows
Acoustic windows
Antenna windows
Atmospheric windows
Guided missile windows
Infrared windows
Photographic windows
Waveguide windows
Windows
windshield
Windshield wipers
windshields
Windshields
wing
All wing aircraft
Fixed wing aircraft
Rotary wing aircraft
Tilt wing aircraft
Wing body configurations
Wing boxes
Wing inlets

wing (cont.)
Wing level organizations
Wing ramjet engines
Wing slots
Wing tips
winged
Winged insects
Winged launch vehicles
wings
Circular wings
Composite wings
Conical wings
Cranked wings
Cruciform wings
Delta wings
Floating wings
Folding wings
Ring wings
Rotary wings
Rotor blades(Rotary wings)
Supercritical wings
Swept wings
Sweptback wings
Sweptforward wings
Thick wings
Thin wings
Tilt wings
Variable incidence wings
Variable sweep wings
Varying sweep wings
Wings
Yawed wings
winter
Winter
winterization
Winterization
Winterization kits
wipers
Windshield wipers
wire
Electric wire
Field wire
Field wire communications
Fly by wire control
Hot wire
Hot wire anemometers
Trailing wire antennas
Wire
Wire guidance
Wire rope
Wire winding machines
wires
Exploding wires
Guy wires
Lead wires
Quantum wires
Trip wires
wirewound
Wirewound resistors
wiring
Wiring diagrams
wisconsin
Wisconsin
wishart
Wishart matrices
withdrawal
Drug withdrawal
wolf
Wolf Rayet stars
wolverines
Wolverines
women
Women
wood
Wood
Wood pulp
wool
Mineral wool
woolen
Woolen textiles
word
Word association
Word lists
Word organized storage
Word recognition
words
Words(Language)
work
Shops(Work areas)
Work
Work elements
Work functions
Work measurement
Work stations
working
Cold working
Hot working
Mechanical working
workload
Workload
workplace
Workplace layout
workshops
Workshops
world
First World War
Second World War
worm
Worm gears
worms
Worms
wound
Filament wound construction
Tape wound construction
Wound ballistics
wounds
Bullet wounds
Wounds and injuries
woven
Screens(Woven materials)
wrenches
Impact wrenches
Pipe wrenches
Wrenches
wrist
Wrist
write
Read write memories
writing
Technical writing
Writing
wrought
Wrought metals
wuchereria
Wuchereria
wyoming
Wyoming

X

x
Hard x rays
Soft x rays
Solar x rays
X band
X ray absorption analysis
X ray apparatus
X ray astronomy
X ray diagnostics
X ray diffraction
X ray diffraction cameras
X ray film
X ray filters
X ray flash
X ray lasers
X ray lithography
X ray luminescence
X ray optics
X ray photoelectron spectroscopy
X ray photography
X ray scattering
X ray spectra
X ray spectroscopy
X ray tubes
X rays
xenon
Xenon
Xenon lamps
Xenon lasers
xerography
Xerography
xi
Xi hyperons
xylenes
Xylenes
xylose
Xylose

Y

yag
YAG lasers
yagi
Yagi antennas
yard
Yard craft
yarn
Carbon yarn
yarns
Yarns
yaw
Yaw
yawed
Yawed wings
yawmeters
Yawmeters
yawsondes
Yawsondes
yeasts
Yeasts
yellow
Yellow(Color)
Yellow fever
Yellow fever virus
Yellow Sea
yemen
Yemen
yersinia
Yersinia pestis
Yersinia pseudotuberculosis
yield
Yield
Yield(Nuclear explosions)
Yield point
Yield strength
york
New York
New York(New York)
New York(New York)
York River
youth
Youth
ytterbium
Ytterbium
Ytterbium compounds
yttrium
Yttrium
Yttrium alloys
Yttrium aluminum garnet
Yttrium barium copper oxides
Yttrium compounds
Yttrium iron garnet
Yttrium oxides
yugoslavia
Yugoslavia
yukon
Yukon Territory

Z

z
Z pinch plasmas
zaire
Zaire
zambia
Zambia
zanzibar
Zanzibar
zealand
New Zealand
zeeman
Zeeman effect
zeolites
Zeolites
zero
Ground zero
Surface zero
zimbabwe
Zimbabwe
zinc
Cadmium zinc tellurides
Silver zinc batteries
Zinc
Zinc alloys
Zinc coatings
Zinc compounds
Zinc oxides
Zinc selenides
Zinc sulfides
Zinc tellurides
zionism
Zionism
zippers
Zippers
zirconate
Lead zirconate titanates
zirconates
Zirconates
zirconium
Zirconium
Zirconium alloys
Zirconium compounds
Zirconium oxides
zirconyl
Zirconyl radicals
zodiacal
Zodiacal light
zone
Vadose zone
Zone charges
Zone melting
zones
Abyssal zones
Bathyal zones
Benthonic zones
Brillouin zones
Convergence zones
Demilitarized zones
Euphotic zones
Fresnel zones
Littoral zones
Marginal ice zones
zoogeography
Zoogeography
zoology
Zoology
zoom
Zoom lenses
zoomastigina
Zoomastigina
zoonoses
Zoonoses
zoonotic
Zoonotic diseases
zooplankton