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# **NASA THESAURUS**

**VOLUME 2**

**Rotated Term Display**

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January 2012

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# Table of Contents

**Volume 1 • Hierarchical Listing With Definitions**

**Volume 2 • Rotated Term Display**

**Introduction ..... v**

**USE References**

**Stopwords**

**Glosses**

**Uppercase and Lowercase Authority**

**Rotated Term Display:**

**A B C D E F G H I J K L M**

**N O P Q R S T U V W X Y Z**

# Introduction

The *Rotated Term Display* is made available as a ready-reference tool to provide better access to the terms in *NASA Thesaurus, Volume 1 – Hierarchical Listing With Definitions*. The *Rotated Term Display* is essentially a key-word-in-context (KWIC) index that provides access to every word in postable terms and nonpostable USE references. Once the desired postable term has been located, the complete hierarchical information for that term should be consulted in the *Hierarchical Listing*.

## *USE References*

Full cross references from nonpostable to postable terms are provided as part of the rotated display; for example, the USE reference leading to the term **launch vehicles** below:

**carrier** rockets  
use launch vehicles

## *Stopwords*

Certain words having questionable access value (such as *and, of, in, etc.*) are not included in the rotated term sort. For the same reason, purely numeric strings and non-alphanumeric characters are not included in the sort.

## *Glosses*

A gloss is a word or words enclosed in parentheses at the end of a term. Glosses serve to disambiguate homographs (i.e., terms that are spelled alike but have different meanings), as in **outliers (landforms)** and **outliers (statistics)**. In addition, glosses may indicate the general scope of a term, for example **activity cycles (biology)**.

In the *Rotated Term Display*, parentheses are ignored in the basic sort so that gloss words are displayed with similar words, as in the following example:

**geometrical** theory of diffraction  
analytic **geometry**  
angles **(geometry)**  
Bose **geometry**  
chords **(geometry)**  
variable **geometry** structures

## *Uppercase and Lowercase Authority*

As with Volume 1, the *Rotated Term Display* provides upper/lowercase authority for all of its terms and cross references.

# NASA THESAURUS

## VOLUME 2 ROTATED TERM DISPLAY

### A

- Air Density Explorer **A**  
*use* Explorer 19 satellite
- Anik **A**  
*use* Anik 1
- Atmosphere Explorer **A**  
*use* Explorer 17 satellite
- BE **A**  
*use* Beacon Explorer A
- Beacon Explorer **A**
- Cassiopeia **A**  
compound **A**
- Energetic Particle Explorer **A**  
*use* Explorer 12 satellite
- EOS- **A**  
*use* Landsat E
- EPE- **A**  
*use* Explorer 12 satellite
- ERTS- **A**  
*use* Landsat 1
- HEAO **A**  
*use* HEAO 1
- Helios **A**
- High Energy Astronomy Observatory **A**  
*use* HEAO 1
- IMP- **A**  
*use* Explorer 18 satellite
- Ionosphere Explorer **A**  
*use* Explorer 20 satellite
- ISIS- **A**
- Lunar Orbiter **A**  
*use* Lunar Orbiter 1
- OAO- **A**  
*use* OAO 1
- OGO- **A**
- OSO- **A**  
*use* OSO-1
- SE- **A**  
*use* Explorer 30 satellite
- SIR- **A**  
*use* Shuttle Imaging Radar
- SMM- **A**  
*use* Solar Maximum Mission-A
- Solar Maximum Mission- **A**
- Space Shuttle mission 31- **A**
- Space Shuttle mission 41- **A**
- Space Shuttle mission 51- **A**
- Space Shuttle mission 61- **A**
- Space Shuttle upper stage **A**
- SSUS- **A**  
*use* Space Shuttle upper stage A
- Telesat Canada **A**  
*use* Anik 1
- TOS- **A**  
*use* ESSA 3 satellite
- vitamin **A**  
*use* retinene
- A-1** aircraft
- RL-10- **A-1** engine
- A-2** aircraft
- A-3** aircraft
- RL-10- **A-3** engine
- A-4** aircraft
- A-5** aircraft
- A-6** aircraft
- A-7** aircraft
- A-9** aircraft
- A-10** aircraft
- A-11** satellite  
*use* Echo 1 satellite
- A-12** satellite  
*use* Echo 2 satellite
- A-37** aircraft
- A-300** aircraft
- A-310** aircraft
- A-320** aircraft
- A-330** aircraft
- A-340** aircraft
- A-380** aircraft
- lab-on- **a**-chip devices
- systems-on- **a**-chip
- CDC 160- **A** computer
- BOMARC **A** missile
- Tory 2- **A** reactor
- Agema **A** rocket vehicle
- AD- **A** satellite  
*use* Explorer 19 satellite
- AE- **A** satellite  
*use* Explorer 17 satellite
- DME- **A** satellite  
*use* Explorer 31 satellite
- EXOS- **A** satellite
- HEOS **A** satellite
- Magsat **A** satellite
- A** stars
- B- **A-W** devices
- S- **A-W** devices
- Polaris **A1** missile
- OAO- **A2**  
*use* OAO 2
- Polaris **A2** missile
- A2F** aircraft  
*use* A-6 aircraft
- Polaris **A3** missile
- A3D** aircraft  
*use* A-3 aircraft
- A3J** aircraft  
*use* A-5 aircraft
- A4D** aircraft  
*use* A-4 aircraft
- AABNCP**  
*use* E-4A aircraft
- AAP** 1 mission
- AAP** 2 mission
- AAP** 3 mission
- AAP** 4 mission
- escape (abandonment)
- smoke **abatement**
- abbreviations**
- abdomen**
- Abel** function
- aberration**
- chromosome **aberrations**
- abilities**
- abiogenesis**
- ablated** nosetips  
*use* PANT program
- ablation**
- laser **ablation**
- ablative** materials
- ablative** nose cones
- Atlas **Able** 5 launch vehicle
- Thor **Able** rocket vehicle
- Ablestar** launch vehicle
- ABM**  
*use* apogee boost motors
- abnormalities**
- aborigines**
- abort** apparatus
- abort** trajectories
- aborted** missions
- abrasion**
- abrasion** resistance
- abrasives**
- Abrikosov** theory

	<b>abscisic acid</b>		<b>accelerated</b> life tests
Climate	<b>Absolute</b> Radiance and Refractivity Observatory <i>use</i> CLARREO (observatory)		<b>accelerating</b> agents
	<b>absolute</b> zero		<b>acceleration</b>
	<b>absorbents</b>	angular	<b>acceleration</b>
	<b>absorbers</b>	electromagnetic	<b>acceleration</b>
neutron	<b>absorbers</b>	electron	<b>acceleration</b>
radar	<b>absorbers</b>	high	<b>acceleration</b>
shock	<b>absorbers</b>	high gravity	<b>(acceleration)</b> <i>use</i> high gravity environments
solar energy	<b>absorbers</b>	impact	<b>acceleration</b>
	<b>absorbers</b> (equipment)	magnetohydrodynamic	<b>acceleration</b> <i>use</i> plasma acceleration
	<b>absorbers</b> (materials)	particle	<b>acceleration</b>
	<b>absorptance</b>	physiological	<b>acceleration</b>
gamma ray	<b>absorptiometry</b>	plasma	<b>acceleration</b>
photon	<b>absorptiometry</b>	transverse	<b>acceleration</b>
	<b>absorption</b>		<b>acceleration</b> measurement
atmospheric	<b>absorption</b> <i>use</i> atmospheric attenuation		<b>acceleration</b> (physics)
	<b>absorption</b>		<b>acceleration</b> protection
auroral	<b>absorption</b>		<b>acceleration</b> stresses (physiology)
electromagnetic	<b>absorption</b>		<b>acceleration</b> tolerance
energy	<b>absorption</b>	Cyclops plasma	<b>accelerator</b>
gamma ray	<b>absorption</b>	Nimrod	<b>accelerator</b>
infrared	<b>absorption</b>	particle	<b>accelerator</b> targets
ionospheric	<b>absorption</b> <i>use</i> electromagnetic absorption ionospheric propagation	Lorentz force	<b>accelerator</b> thrusters <i>use</i> magnetoplasmadynamic thrusters
	<b>absorption</b>		<b>accelerators</b>
light	<b>absorption</b> <i>use</i> electromagnetic absorption	coaxial plasma	<b>accelerators</b>
	<b>absorption</b>	cyclic	<b>accelerators</b>
magnetic	<b>absorption</b> <i>use</i> electromagnetic absorption	electron	<b>accelerators</b>
	<b>absorption</b>	electron ring	<b>accelerators</b> <i>use</i> storage rings (particle accelerators)
material	<b>absorption</b>		Hall <b>accelerators</b>
microwave	<b>absorption</b>	hypervelocity	<b>accelerators</b> <i>use</i> hypervelocity guns
moderation (energy)	<b>absorption</b>	ion	<b>accelerators</b>
molecular	<b>absorption</b>	linear	<b>accelerators</b>
multiphoton	<b>absorption</b>	particle	<b>accelerators</b>
optical	<b>absorption</b> <i>use</i> electromagnetic absorption light transmission	plasma	<b>accelerators</b>
	<b>absorption</b>	racetracks (particle)	<b>accelerators</b>
polar cap	<b>absorption</b>	railgun	<b>accelerators</b>
radiation	<b>absorption</b>	ram	<b>accelerators</b>
self	<b>absorption</b>	ramjet-in-tube	<b>accelerators</b> <i>use</i> ram accelerators
sound	<b>absorption</b> <i>use</i> sound transmission	Space Exper with Particle	<b>Accelerators</b>
spectral	<b>absorption</b> <i>use</i> absorption spectra	storage rings (particle)	<b>accelerators</b>
	<b>absorption</b>	Van de Graaff	<b>accelerators</b>
thermal	<b>absorption</b>		<b>accelerometers</b>
thermalization (energy)	<b>absorption</b>	strain gage	<b>accelerometers</b>
ultraviolet	<b>absorption</b>		<b>acceptability</b>
x ray	<b>absorption</b>		<b>acceptance</b> <i>use</i> acceptability
	<b>absorption</b> bands		<b>acceptor</b> materials
	<b>absorption</b> coefficient <i>use</i> absorptivity	carrier sense multiple	<b>access</b>
	<b>absorption</b> cooling	code division multiple	<b>access</b>
	<b>absorption</b> cross sections	demand assignment multiple	<b>access</b>
energy	<b>absorption</b> films	frequency division multiple	<b>access</b>
differential	<b>absorption</b> lidar	multiple	<b>access</b>
	<b>absorption</b> spectra	random	<b>access</b>
	<b>absorption</b> spectroscopy	time division multiple	<b>access</b>
	<b>absorptive</b> index <i>use</i> absorptivity		<b>access</b> control
	<b>absorptivity</b>	random	<b>access</b> memory
	<b>abstracts</b>		<b>access</b> time
	<b>abundance</b>		<b>accessories</b>
element	<b>abundance</b> <i>use</i> abundance	aircraft	<b>accident</b> investigation
	<b>abundance</b>		<b>accident</b> investigation
isotope	<b>abundance</b> ratios <i>use</i> isotope ratios		<b>accident</b> prevention
	<b>abundance</b>		<b>accident</b> proneness
inverted converters (DC to)	<b>AC</b>		<b>accidents</b>
	<b>AC-1</b> aircraft <i>use</i> DHC 4 aircraft	aircraft	<b>accidents</b>
	<b>AC</b> alternators <i>use</i> linear alternators	automobile	<b>accidents</b>
linear	<b>AC</b> (current) <i>use</i> alternating current	cerebral vascular	<b>accidents</b>
	<b>AC</b> generators		<b>acclimatization</b>
voltage converters	<b>(AC to AC)</b>	altitude	<b>acclimatization</b>
current converters	<b>(AC to DC)</b>	cold	<b>acclimatization</b>
		heat	<b>acclimatization</b>
			<b>accommodation</b>

visual	<b>accommodation</b>		prussic <b>acid</b>	
	<b>accommodation</b>	coefficient		<i>use</i> hydrocyanic acid
thermal	<b>accommodation</b>	coefficients	sebacic <b>acid</b>	
		<i>use</i> accommodation coefficient	sulfonic <b>acid</b>	
	<b>accounting</b>		sulfuric <b>acid</b>	
	<b>accretion</b>		uric <b>acid</b>	
		<i>use</i> deposition	uridylic <b>acid</b>	
stellar mass	<b>accretion</b>		valeric <b>acid</b>	
	<b>accretion</b>	disks	<b>acid</b>	base equilibrium
	<b>accumulations</b>		lead <b>acid</b>	batteries
	<b>accumulators</b>		nucleic <b>acid</b>	denaturation
	<b>accumulators</b>	(computers)		<i>use</i> biopolymer denaturation
	<b>accuracy</b>		phosphoric <b>acid</b>	fuel cells
geodetic	<b>accuracy</b>		ascorbic <b>acid</b>	metabolism
geometric	<b>accuracy</b>		<b>acid</b>	rain
	<b>ACE</b>	satellite	<b>acidity</b>	
		<i>use</i> Advanced Composition Explorer	<b>acidosis</b>	
	<b>ACEE</b>	program	<b>acids</b>	
	<b>acetaldehyde</b>		amino <b>acids</b>	
	<b>acetals</b>		boric <b>acids</b>	
	<b>acetanilide</b>		carboxylic <b>acids</b>	
	<b>acetates</b>		dicarboxylic <b>acids</b>	
cobalt	<b>acetates</b>		ethylenediaminetetraacetic <b>acids</b>	
lead	<b>acetates</b>		fatty <b>acids</b>	
	<b>acetation</b>		indoleacetic <b>acids</b>	
		<i>use</i> acetylation	nucleic <b>acids</b>	
	<b>acetazolamide</b>		oxamic <b>acids</b>	
	<b>acetic acid</b>		ribonucleic <b>acids</b>	
	<b>acetone</b>		xanthic <b>acids</b>	
	<b>acetonitrile</b>		<b>acoustic</b>	attenuation
	<b>acetyl compounds</b>		<b>acoustic</b>	combustion
	<b>acetylacetone</b>			<i>use</i> combustion stability
	<b>acetylation</b>		<b>acoustic</b>	coupling
	<b>acetylcholine</b>		<b>acoustic</b>	delay lines
	<b>acetylene</b>		<b>acoustic</b>	detection
	<b>acetylsalicylic acid</b>			<i>use</i> sound detecting and ranging
	<b>achievement</b>		<b>acoustic</b>	ducts
Kapoeta	<b>achondrite</b>		<b>acoustic</b>	emission
Norton County	<b>achondrite</b>		<b>acoustic</b>	excitation
	<b>achondrites</b>		<b>acoustic</b>	fatigue
abscisic	<b>acid</b>		<b>acoustic</b>	frequencies
acetic	<b>acid</b>		<b>acoustic</b>	generators
acetylsalicylic	<b>acid</b>			<i>use</i> sound generators
acrylic	<b>acid</b>		<b>acoustic</b>	imaging
adenylic	<b>acid</b>		<b>acoustic</b>	impedance
		<i>use</i> adenosine monophosphate	<b>acoustic</b>	instability
ascorbic	<b>acid</b>		<b>acoustic</b>	levitation
aspartic	<b>acid</b>		<b>acoustic</b>	measurement
benzilic	<b>acid</b>		scanning laser <b>acoustic</b>	microscope (SLAM)
benzoic	<b>acid</b>			<i>use</i> acoustic microscopes
butyric	<b>acid</b>		<b>acoustic</b>	microscopes
carbonic	<b>acid</b>		<b>acoustic</b>	nozzles
chromic	<b>acid</b>		<b>acoustic</b>	propagation
citric	<b>acid</b>		<b>acoustic</b>	properties
cyanuric	<b>acid</b>		<b>acoustic</b>	radiation
cytidylic	<b>acid</b>			<i>use</i> sound waves
deoxyribonucleic	<b>acid</b>		coherent <b>acoustic</b>	radiation
folic	<b>acid</b>		<b>acoustic</b>	resonance
formhydroxamic	<b>acid</b>		<b>acoustic</b>	retrofitting
formic	<b>acid</b>		<b>acoustic</b>	scattering
glutamic	<b>acid</b>		<b>acoustic</b>	simulation
hippuric	<b>acid</b>		<b>acoustic</b>	sounding
hydrazoic	<b>acid</b>		<b>acoustic</b>	stability
hydrobromic	<b>acid</b>			<i>use</i> frequency stability
hydrochloric	<b>acid</b>		<b>acoustic</b>	streaming
hydrocyanic	<b>acid</b>		<b>acoustic</b>	velocity
hydrofluoric	<b>acid</b>		<b>acoustic</b>	vibrations
iodoacetic	<b>acid</b>			<i>use</i> sound waves
lactic	<b>acid</b>		bulk <b>acoustic</b>	wave devices
lipoic	<b>acid</b>		surface <b>acoustic</b>	wave devices
nicotinic	<b>acid</b>		ion <b>acoustic</b>	waves
nitric	<b>acid</b>		<b>acoustical</b>	holography
nitrous	<b>acid</b>		<b>acoustics</b>	
oleic	<b>acid</b>		geometrical <b>acoustics</b>	
oxalic	<b>acid</b>		ray <b>acoustics</b>	
palmitic	<b>acid</b>			<i>use</i> geometrical acoustics
perchloric	<b>acid</b>		underground <b>acoustics</b>	
phosphoric	<b>acid</b>		underwater <b>acoustics</b>	
propionic	<b>acid</b>		<b>acousto-optics</b>	

**ACPL** (Spacelab)  
*use* Atmospheric Cloud Physics Lab (Spacelab)  
 zero-g **ACPL** (Spacelab)  
*use* Atmospheric Cloud Physics Lab (Spacelab)

Satellite Tracking and Data **Acq** Network  
*use* STDN (network)  
**acquired** immunodeficiency syndrome  
**acquisition**  
 data **acquisition**  
 target **acquisition**  
 video landmark **acquisition** and tracking  
 ocean data **acquisitions** systems  
**acriflavine**  
 aerial **acrobatics**  
*use* aerobatics  
**acrobatics** (aircraft)  
*use* aerobatics  
**acroleins**  
**acronyms**  
*use* abbreviations  
**ACRV**  
*use* Assured Crew Return Vehicle  
**acrylates**  
**acrylic** acid  
**acrylic** resins  
**acrylonitriles**  
**ACTH**  
*use* adrenocorticotropin (ACTH)

adrenocorticotropin (**ACTH**)  
**actinide** series  
**actinide** series compounds  
**actinium**  
**actinographs**  
*use* actinometers  
**actinometers**  
**actinomycetes**  
**actinomycin**

nonoscillatory **action**  
 evasive **actions**  
 involuntary **actions**  
**activated** carbon  
**activated** sludge  
**activation**  
**activation** analysis  
 neutron **activation** analysis  
**activation** (biology)  
**activation** energy  
 surface- **active** agents  
*use* surfactants  
**active** control  
**active** galactic nuclei  
**active** galaxies  
**active** glaciers  
*use* glaciers  
**Active** Magneto Particle Tracer Explorers  
*use* AMPTE (satellites)

photosynthetically **active** radiation  
**active** satellites  
**active** sites (chemistry)  
**active** volcanoes  
*use* volcanoes  
**activity**  
 auroral **activity**  
*use* auroras  
 biological **activity**  
*use* activity (biology)  
 catalytic **activity**  
 enzyme **activity**  
 extravehicular **activity**  
 intravehicular **activity**  
 optical **activity**  
 plasma renin **activity**  
*use* immunoassay  
 solar **activity**  
 stellar **activity**  
**activity** (biology)  
**activity** cycles (biology)

solar **activity** effects  
**ACTS**  
 cartridge **actuated** devices  
*use* actuators  
 explosive devices  
 propellant **actuated** devices  
 propellant **actuated** instruments  
**actuation**  
**actuator** disks  
**actuators**  
 hydraulic **actuators**  
*use* actuators  
 hydraulic equipment  
 piezoelectric **actuators**  
**acuity**  
 visual **acuity**  
**acylation**  
**AD-A** satellite  
*use* Explorer 19 satellite  
**AD /I B**  
*use* Explorer 25 satellite  
**AD /I** satellite  
*use* Explorer 24 satellite  
**Ada** (programming language)  
**adaptation**  
 dark **adaptation**  
 desert **adaptation**  
 light **adaptation**  
 retinal **adaptation**  
 space **adaptation** syndrome  
**adapters**  
 multiple docking **adapters**  
**adaptive** control  
 model reference **adaptive** control  
**adaptive** control systems  
*use* adaptive control  
 self **adaptive** control systems  
 data **adaptive** evaluator/monitor  
*use* data processing  
 data reduction  
 data transmission  
**adaptive** filters  
**adaptive** optics  
 space-time **adaptive** processing  
 information **adaptive** system  
 mission **adaptive** wings  
**adatoms**  
**adders** (circuits)  
*use* adding circuits  
**adding** circuits  
**addition**  
**addition** resins  
**addition** theorem  
**additives**  
 anticing **additives**  
 antiknock **additives**  
 doping **(additives)**  
*use* additives  
 oil **additives**  
 propellant **additives**  
 discrete **address** beacon system  
 public **address** systems  
 content- **addressable** memory  
*use* associative memory  
**addressing**  
**adducts**  
**Aden**  
*use* Southern Yemen  
**adenines**  
**adenosine** diphosphate  
**adenosine** monophosphate  
 cyclic **adenosine** monophosphate  
*use* cyclic AMP  
**adenosine** triphosphate  
**adenosines**  
**adenosinetriphosphatase**  
**adenoviruses**  
**adenylic** acid  
*use* adenosine monophosphate

- Honeywell **ADEPT** computer
- adequacy**
- adherometers**  
*use* adhesion tests
- adhesion**
- adhesion** tests
- adhesive** bonding
- adhesives**
- binders **(adhesives)**  
*use* adhesives
- ADI** methods  
*use* alternating direction implicit methods
- Hugoniot **adiabat**  
*use* Hugoniot equation of state
- adiabatic** conditions
- adiabatic** demagnetization cooling
- adiabatic** equations
- adiabatic** flow
- adipose** tissues
- Adiprene** (trademark)
- Adirondack** Mountains (NY)
- adjoints**
- adjusting**
- adjustment**  
*use* adjusting
- administration**  
*use* management
- admittance**  
*use* electrical impedance
- admixtures**
- adobe** flats  
*use* flats (landforms)
- ADP**  
*use* adenosine diphosphate
- Adrastea**
- adrenal** gland
- adrenal** metabolism
- adrenaline**  
*use* epinephrine
- adrenergics**
- adrenocorticotropin** (ACTH)
- Adriatic** Sea
- adsorbed** atoms  
*use* adatoms
- adsorbents**
- adsorption**
- Gibbs **adsorption** equation
- adsorptivity**
- adults**
- Advanced** Airborne Command Post  
*use* E-4A aircraft
- Advanced** Communications Technology Sat  
*use* ACTS
- Advanced** Composition Explorer
- Advanced** EVA Protection Systems  
*use* AEPS
- Advanced** Launch System (STS)
- Advanced** Microwave Sounding Unit
- Advanced** Orbiting Solar Observatory  
*use* AOSO
- Advanced** Range Instrumentation Aircraft
- Advanced** Range Instrumentation Ship
- Advanced** Reconnaissance Electric Spacecraft
- advanced** sodium cooled reactor
- Advanced** Solid Rocket Motor (STS)
- advanced** tactical fighter  
*use* F-22 aircraft
- Advanced** Technology Laboratory
- Advanced** Technology Light Twin aircraft  
*use* ATLIT project
- advanced** test reactors
- Advanced** Very High Resolution Radiometer
- Advanced** Vidicon Camera System (AVCS)
- Advanced** X Ray Astrophysics Facility  
*use* X Ray Astrophysics Facility
- advancing** glaciers  
*use* glaciers
- advancing** shorelines  
*use* beaches
- advection**
- Advent** Project
- automatic traffic **advisory** and resolution
- automated pilot **advisory** system
- vortex **advisory** system
- AE-A** satellite  
*use* Explorer 17 satellite
- AE-B** satellite  
*use* Explorer 32 satellite
- AE-C** satellite  
*use* Explorer 51 satellite
- AE-D** satellite  
*use* Explorer 54 satellite
- AE-E** satellite  
*use* Explorer 55 satellite
- aeolian** tones
- aeolotropism**
- AEPS**
- aeration**
- aerial** acrobatics  
*use* aerobatics
- Snow **aerial** applicator aircraft S-2B  
*use* agricultural aircraft
- aerial** explosions
- aerial** imagery  
*use* aerial photography
- aerial** photography
- aerial** reconnaissance
- aerial** rudders
- Darkstar unmanned **aerial** vehicle  
*use* pilotless aircraft reconnaissance aircraft
- planetary **aerial** vehicles
- unmanned **aerial** vehicles  
*use* pilotless aircraft
- aeroacoustics**
- computational **aeroacoustics**
- aeroassist**
- aerobatics**
- Aerobee** rocket vehicle
- aerobes**
- aerobiology**
- aerobraking**
- aerocapture**
- aerodontalgia**  
*use* tooth diseases
- Drones for **Aerodynamic** and Struct Test  
*use* DAST program
- aerodynamic** axis  
*use* aerodynamic balance
- aerodynamic** balance
- aerodynamic** brakes
- aerodynamic** buzz  
*use* flutter
- aerodynamic** center  
*use* aerodynamic balance
- aerodynamic** characteristics
- static **aerodynamic** characteristics
- aerodynamic** chords  
*use* airfoil profiles chords (geometry)
- aerodynamic** coefficients
- aerodynamic** configurations
- spikes **(aerodynamic** configurations)
- aerodynamic** drag
- aerodynamic** forces
- aerodynamic** heat transfer
- aerodynamic** heating
- aerodynamic** interference
- aerodynamic** lift  
*use* lift
- aerodynamic** loads

# aerodynamic

- aerodynamic** moments
  - use* stability derivatives
- aerodynamic** noise
- Manned **Aerodynamic** Reusable Spaceship
  - use* MARS (Manned Reusable Spacecraft)
- aerodynamic** stability
- aerodynamic** stalling
- aerodynamic** vehicles
  - use* aircraft
- aerodynamics**
- ASE **(aerodynamics)**
  - use* aeroservoelasticity
- computational **aerodynamics**
  - use* computational fluid dynamics
- ground effect **(aerodynamics)**
- interactional **aerodynamics**
- rotor **aerodynamics**
- unsteady **aerodynamics**
  - aeroelastic** research wings
  - aeroelasticity**
  - aeroembolism**
  - aerogels**
  - aerogyro** helicopters
    - use* XH-51 helicopter
  - aerology**
  - aeromagnetism**
  - aeromagneto** flutter
    - use* flutter
  - aeromaneuvering**
  - Aeromaneuvering** Orbit to Orbit Shuttle
  - aeronautical** engineering
  - aeronautical** satellites
  - aeronautics**
  - aeronomy**
  - aerophysics**
    - use* atmospheric physics
  - aeroquatic** vehicles
  - AEROS** satellite
  - Aerosat** satellites
  - aeroservoelasticity**
  - aeroshells**
  - aerosinusitis**
- Stratospheric **Aerosol** & Gas Experiment
  - use* SAGE satellite
- aerosols**
- aerospace** engineering
- aerospace** environments
- aerospace** industry
- aerospace** medicine
- HOPE **aerospace** plane
- National **Aerospace** Plane Program
- aerospace** planes
- aerospace** safety
- aerospace** sciences
- aerospace** systems
- aerospace** technology transfer
- Integ Program for **Aerospace** Veh Design
  - use* IPAD
- aerospace** vehicles
- aerospire** engines
- aerostatics**
- aerostats**
  - use* airships
- aerothermochemistry**
- aerothermodynamics**
- aerothermoelasticity**
- aerозine**
- AFC** (control)
  - use* automatic frequency control
- AFCS** (control system)
  - use* automatic flight control
- heat **affected** zone
- affects**
  - use* effects
- afferent** nervous systems
- affinity**
- electron **affinity**
- negative electron **affinity**
- Afghanistan**
- AFM** (microscopy)
  - use* atomic force microscopy
- Africa**
- Kalahari Basin **(Africa)**
- Republic of South **Africa**
- Sahara Desert **(Africa)**
- South **Africa**
  - use* Republic of South Africa
- South West **Africa**
  - use* Namibia
- Central **African** Republic
- African** rift system
- afterbodies**
- cylindrical **afterbodies**
  - use* afterbodies
  - cylindrical bodies
- afterburners**
  - use* afterburning
- afterburning**
- motion **aftereffects**
- helium **afterglow**
- oxygen **afterglow**
- afterglows**
- afterimages**
- AGB** stars
  - use* asymptotic giant branch stars
- AGC** (control)
  - use* automatic gain control
- age** determination
  - use* chronology
- radioactive **age** determination
- age** factor
- age** hardening
  - use* precipitation hardening
- Agena** A rocket vehicle
- Atlas **Agena** B launch vehicle
- Agena** B Ranger Program
- Agena** B rocket vehicle
- Agena** C rocket vehicle
- Agena** D rocket vehicle
- Thor **Agena** launch vehicle
- Atlas **Agena** launch vehicles
- Agena** rocket vehicles
- European Space **Agency**
- agents**
- accelerating **agents**
- antihypertensive **agents**
- biological warfare **agents**
  - use* biological weapons
- chemotherapeutic **agents**
  - use* drugs
- cholinergic blocking **agents**
  - use* anticholinergics
- radioprotective **agents**
  - use* antiradiation drugs
- stabilizers **(agents)**
- surface-active **agents**
  - use* surfactants
- vasodilator **agents**
- agglomeration**
- agglutination**
- aggregates**
- aging**
- strain **aging**
  - use* precipitation hardening
- aging** (biology)
- aging** (materials)
- aging** (metallurgy)
- agitation**
- thermal **agitation**
  - use* thermal energy
- ultrasonic **agitation**
- agreements**
- agricultural** aircraft
- agriculture**
- AgRISTARS** project
- agroclimatology**
- agrometeorology**

- agrophysical units**
- AGT**
  - use* automated guideway transit vehicles
- AH-1G** helicopter
- AH-1S** helicopter
- AH-1W** helicopter
- AH-63** helicopter
- AH-64** helicopter
- first **aid**
- microvision landing **aid**
- Crew Equipment Translation **Aid** (ISS)
- pilot landing **aid** television system
  - use* PLAT system
- computer **aided** design
- computer **aided** engineering
  - use* computer aided design
- machine **aided** indexing
  - use* indexing (information science)
- computer **aided** manufacturing
- computer **aided** mapping
- computer **aided** tomography
- aids**
- decision **aids**
  - use* decision support systems
- landing **aids**
- navigation **aids**
- visual **aids**
- AIDS** (disease)
  - use* acquired immunodeficiency syndrome
- aileron**s
- spoiler slot **aileron**s
- AIMP-1**
  - use* Explorer 33 satellite
- AIMP-2**
  - use* Explorer 35 satellite
- AIMP-D**
  - use* Explorer 33 satellite
- AIMP-E**
  - use* Explorer 35 satellite
- air**
- alveolar **air**
- compressed **air**
- expired **air**
- high temperature **air**
- hot **air**
  - use* high temperature air
- liquid **air**
- upper **air**
  - use* upper atmosphere
- air** bag restraint devices
- metal **air** batteries
- air** bearings
  - use* gas bearings
- air** blasts
  - use* aerial explosions
- air** breathing boosters
- air** breathing engines
- captured **air** bubble vehicles
- air** cargo
- registers (**air** circulation)
- air** conditioning
- air** conditioning equipment
- air** conductivity
- air** cooling
- air** currents
- vertical **air** currents
- air** cushion landing systems
- air** cushion vehicles
  - use* ground effect machines
- liquid **air** cycle engines
- air** data systems
- air** defense
- SAGE **air** defense system
- Air** Density Explorer A
  - use* Explorer 19 satellite
- Dual **Air** Density Explorer
- Air** Density/Injun Explorer B
  - use* Explorer 25 satellite
- air** drop operations
- air** ducts
- military **air** facilities
- air** filters
- air** flow
- air** freight
  - use* air cargo
- hydrogen **air** fuel cells
  - use* hydrogen oxygen fuel cells
- ground-**air**-ground communication
- air** inlets
  - use* air intakes
- air** intakes
- air** jets
- air** land interactions
- Pegasus **air**-launched booster
- air** launching
- air** law
- air** locks
- air** mail
- air** masses
- ground-to-**air** missiles
- surface to **air** missiles
- air** navigation
- all-weather **air** navigation
- tactical **air** navigation
  - use* Tacan
- air** piracy
- air** pollution
- global **air** pollution
- indoor **air** pollution
- air** purification
- air** quality
- fuel-**air** ratio
- air** sampling
- Global **Air** Sampling Program
- air** sea ice interactions
- air** sea interactions
  - use* air water interactions
- air** showers
  - use* cosmic ray showers
- air** sickness
  - use* motion sickness
- air** slew missiles
- air** start
- air** to air missiles
- air** to air refueling
- air** to air rockets
  - use* air to air missiles
- air** to surface missiles
- air** traffic
- air** traffic control
- air** traffic controllers (personnel)
- Location of **Air** Traffic Satellites
  - use* LOCATES system
- supersonic commercial **air** transport
- air** transportation
- clear **air** turbulence
- air** water interactions
- Advanced **Airborne** Command Post
  - use* E-4A aircraft
- airborne** equipment
- airborne** infection
- Airborne** Integrated Reconnaissance System
- airborne** lasers
- Light **Airborne** Multipurpose System
- Kuiper **Airborne** Observatory
- SOFIA (**airborne** observatory)
- airborne** radar
- airborne** radar approach
- airborne** range and orbit determination
- airborne** /spaceborne computers
- airborne** surveillance radar
- Airborne** Warning and Control System
  - use* AWACS aircraft

# Airbus

	<b>Airbus</b>		B-103 <b>aircraft</b>
	<i>use</i> European Airbus		<i>use</i> Buccaneer aircraft
European	<b>Airbus</b>		BAC <b>aircraft</b>
	<b>aircraft</b>		BAC 111 <b>aircraft</b>
	A-1 <b>aircraft</b>		BAC TSR 2 <b>aircraft</b>
	A-2 <b>aircraft</b>		<i>use</i> TSR-2 aircraft
	A2F <b>aircraft</b>		Beagle <b>aircraft</b>
	<i>use</i> A-6 aircraft		Beech <b>aircraft</b>
	A-3 <b>aircraft</b>		<i>use</i> Beechcraft aircraft
	A3D <b>aircraft</b>		Beech 99 <b>aircraft</b>
	<i>use</i> A-3 aircraft		Beech C-33 <b>aircraft</b>
	A3J <b>aircraft</b>		<i>use</i> C-33 aircraft
	<i>use</i> A-5 aircraft		Beech S-35 <b>aircraft</b>
	A-4 <b>aircraft</b>		<i>use</i> C-35 aircraft
	A4D <b>aircraft</b>		Beechcraft <b>aircraft</b>
	<i>use</i> A-4 aircraft		Beechcraft 18 <b>aircraft</b>
	A-5 <b>aircraft</b>		Belfast <b>aircraft</b>
	A-6 <b>aircraft</b>		<i>use</i> SC-5 aircraft
	A-7 <b>aircraft</b>		Bell <b>aircraft</b>
	A-9 <b>aircraft</b>		Blackbird <b>aircraft</b>
	A-10 <b>aircraft</b>		<i>use</i> SR-71 aircraft
	A-37 <b>aircraft</b>		Blackburn B-103 <b>aircraft</b>
	A-300 <b>aircraft</b>		<i>use</i> Buccaneer aircraft
	A-310 <b>aircraft</b>		Boeing <b>aircraft</b>
	A-320 <b>aircraft</b>		Boeing 707 <b>aircraft</b>
	A-330 <b>aircraft</b>		Boeing 717 <b>aircraft</b>
	A-340 <b>aircraft</b>		Boeing 720 <b>aircraft</b>
	A-380 <b>aircraft</b>		Boeing 727 <b>aircraft</b>
	AC-1 <b>aircraft</b>		Boeing 733 <b>aircraft</b>
	<i>use</i> DHC 4 aircraft		Boeing 737 <b>aircraft</b>
acrobatics	<b>(aircraft)</b>		Boeing 747 <b>aircraft</b>
	<i>use</i> aerobatics		Boeing 747B <b>aircraft</b>
Advanced Range Instrumentation	<b>Aircraft</b>		<i>use</i> E-4A aircraft
Advanced Technology Light Twin	<b>aircraft</b>		Boeing 757 <b>aircraft</b>
	<i>use</i> ATLIT project		Boeing 767 <b>aircraft</b>
agricultural	<b>aircraft</b>		Boeing 777 <b>aircraft</b>
Airgeep	<b>aircraft</b>		Boeing 2707 <b>aircraft</b>
	<i>use</i> VZ-8 aircraft		Bolkow <b>aircraft</b>
Aladin 2	<b>aircraft</b>		bomber <b>aircraft</b>
Alpha jet	<b>aircraft</b>		Bonanza <b>aircraft</b>
amphibious	<b>aircraft</b>		<i>use</i> C-35 aircraft
	AN-2 <b>aircraft</b>		Breguet <b>aircraft</b>
	AN-22 <b>aircraft</b>		Breguet 940 <b>aircraft</b>
	AN-24 <b>aircraft</b>		Breguet 941 <b>aircraft</b>
	Antheus <b>aircraft</b>		Breguet 1150 <b>aircraft</b>
	<i>use</i> AN-22 aircraft		Buccaneer <b>aircraft</b>
antisubmarine warfare	<b>aircraft</b>		buckeye <b>aircraft</b>
Antonov	<b>aircraft</b>		<i>use</i> T-2 aircraft
Antonov AN-22	<b>aircraft</b>		Buffalo <b>aircraft</b>
	<i>use</i> AN-22 aircraft		<i>use</i> DHC 5 aircraft
Antonov AN-24	<b>aircraft</b>		C-1A <b>aircraft</b>
	<i>use</i> AN-24 aircraft		C-2 <b>aircraft</b>
	AO-1 <b>aircraft</b>		C-5 <b>aircraft</b>
	<i>use</i> OV-1 aircraft		C-8A augmentor wing <b>aircraft</b>
Argosy MK-1	<b>aircraft</b>		C-9 <b>aircraft</b>
Atlantic	<b>aircraft</b>		C-15 <b>aircraft</b>
	<i>use</i> Breguet 1150 aircraft		C-17 <b>aircraft</b>
ATR-72	<b>aircraft</b>		C-33 <b>aircraft</b>
attack	<b>aircraft</b>		C-35 <b>aircraft</b>
AV-8A	<b>aircraft</b>		C-46 <b>aircraft</b>
	<i>use</i> Harrier aircraft		C-47 <b>aircraft</b>
AV-8B	<b>aircraft</b>		C-54 <b>aircraft</b>
	<i>use</i> Harrier aircraft		C-118 <b>aircraft</b>
AVRO 698	<b>aircraft</b>		C-119 <b>aircraft</b>
	<i>use</i> Vulcan aircraft		C-121 <b>aircraft</b>
AVRO 707	<b>aircraft</b>		C-123 <b>aircraft</b>
AVRO Whitworth HS-748	<b>aircraft</b>		C-124 <b>aircraft</b>
	<i>use</i> HS-748 aircraft		C-130 <b>aircraft</b>
AWACS	<b>aircraft</b>		C-131 <b>aircraft</b>
	B-1 <b>aircraft</b>		C-133 <b>aircraft</b>
	B-2 <b>aircraft</b>		C-135 <b>aircraft</b>
	B-26 <b>aircraft</b>		C-140 <b>aircraft</b>
	B-47 <b>aircraft</b>		C-141 <b>aircraft</b>
	B-50 <b>aircraft</b>		C-142 <b>aircraft</b>
	B-52 <b>aircraft</b>		<i>use</i> XC-142 aircraft
	B-57 <b>aircraft</b>		C-160 <b>aircraft</b>
	B-58 <b>aircraft</b>		Camel <b>aircraft</b>
	B-66 <b>aircraft</b>		<i>use</i> TU-104 aircraft
	B-70 <b>aircraft</b>		Canadair <b>aircraft</b>

Canadair CF-104 <b>aircraft</b>	<i>use</i> Canadair aircraft F-104 aircraft	CV-7 <b>aircraft</b>	<i>use</i> DHC 5 aircraft
Canadair CL-41 <b>aircraft</b>	<i>use</i> CL-41 aircraft	CV-340 <b>aircraft</b>	
Canadair CL-44 <b>aircraft</b>	<i>use</i> CL-44 aircraft	CV-440 <b>aircraft</b>	
Canadair CL-84 <b>aircraft</b>	<i>use</i> CL-84 aircraft	CV-880 <b>aircraft</b>	
Canberra <b>aircraft</b>		CV-990 <b>aircraft</b>	
Caravelle <b>aircraft</b>	<i>use</i> SE-210 aircraft	D-558 <b>aircraft</b>	
cargo <b>aircraft</b>		Dakota <b>aircraft</b>	<i>use</i> C-47 aircraft
Cargomaster <b>aircraft</b>	<i>use</i> C-133 aircraft	Dassault <b>aircraft</b>	
Caribou <b>aircraft</b>	<i>use</i> DHC 4 aircraft	Dassault Mirage 3 <b>aircraft</b>	<i>use</i> Mirage 3 aircraft
CC-106 <b>aircraft</b>	<i>use</i> CL-44 aircraft	Dassault Mystere 20 <b>aircraft</b>	<i>use</i> Mystere 20 aircraft
Centurion <b>aircraft</b>	<i>use</i> Cessna 210 aircraft	Dassault Mystere 50 <b>aircraft</b>	<i>use</i> Mystere 50 aircraft
Cessna <b>aircraft</b>		DC 3 <b>aircraft</b>	
Cessna 172 <b>aircraft</b>		DC 7 <b>aircraft</b>	
Cessna 205 <b>aircraft</b>		DC 8 <b>aircraft</b>	
Cessna 210 <b>aircraft</b>		DC 9 <b>aircraft</b>	
Cessna 402B <b>aircraft</b>		DC 10 <b>aircraft</b>	
Cessna L-19 <b>aircraft</b>		DC 11 <b>aircraft</b>	<i>use</i> MD 11 aircraft
CF-104 <b>aircraft</b>	<i>use</i> Canadair aircraft F-104 aircraft	de Havilland <b>aircraft</b>	
Chance-Vought <b>aircraft</b>		de Havilland DH 106 <b>aircraft</b>	<i>use</i> Comet 4 aircraft
Chinese <b>aircraft</b>		de Havilland DH 112 <b>aircraft</b>	<i>use</i> DH 112 aircraft
CL-41 <b>aircraft</b>		de Havilland DH 115 <b>aircraft</b>	<i>use</i> DH 115 aircraft
CL-44 <b>aircraft</b>		de Havilland DH 121 <b>aircraft</b>	<i>use</i> DH 121 aircraft
CL-84 <b>aircraft</b>		de Havilland DH 125 <b>aircraft</b>	<i>use</i> DH 125 aircraft
CL-600 challenger <b>aircraft</b>		de Havilland DHC 4 <b>aircraft</b>	<i>use</i> DHC 4 aircraft
CL-823 <b>aircraft</b>		de Havilland DHC 5 <b>aircraft</b>	<i>use</i> DHC 5 aircraft
Classic <b>aircraft</b>	<i>use</i> IL-62 aircraft	de Havilland Venom <b>aircraft</b>	<i>use</i> DH 112 aircraft
Cock <b>aircraft</b>	<i>use</i> AN-22 aircraft	Debonair <b>aircraft</b>	<i>use</i> C-33 aircraft
COD <b>aircraft</b>	<i>use</i> C-2 aircraft	Delfin <b>aircraft</b>	<i>use</i> L-29 jet trainer
COIN <b>aircraft</b>		Delta Dagger <b>aircraft</b>	<i>use</i> F-102 aircraft
Coke <b>aircraft</b>	<i>use</i> AN-24 aircraft	Delta Dart <b>aircraft</b>	<i>use</i> F-106 aircraft
Comet 4 <b>aircraft</b>		Destroyer <b>aircraft</b>	<i>use</i> B-66 aircraft
Commando <b>aircraft</b>	<i>use</i> C-46 aircraft	DH 106 <b>aircraft</b>	<i>use</i> Comet 4 aircraft
commercial <b>aircraft</b>		DH 112 <b>aircraft</b>	
commuter <b>aircraft</b>		DH 115 <b>aircraft</b>	
Concorde <b>aircraft</b>		DH 121 <b>aircraft</b>	
Convair 340 <b>aircraft</b>	<i>use</i> CV-340 aircraft	DH 125 <b>aircraft</b>	
Convair 440 <b>aircraft</b>	<i>use</i> CV-440 aircraft	DHC 2 <b>aircraft</b>	
Convair 880 <b>aircraft</b>	<i>use</i> CV-880 aircraft	DHC 4 <b>aircraft</b>	
Convair 990 <b>aircraft</b>	<i>use</i> CV-990 aircraft	DHC 5 <b>aircraft</b>	
Cookpot <b>aircraft</b>	<i>use</i> TU-124 aircraft	DHC Beaver <b>aircraft</b>	<i>use</i> DHC 2 aircraft
Corsair <b>aircraft</b>	<i>use</i> A-7 aircraft	DO-27 <b>aircraft</b>	
Cougar <b>aircraft</b>	<i>use</i> F-9 aircraft	DO-28 <b>aircraft</b>	
counterinsurgency <b>aircraft</b>	<i>use</i> COIN aircraft	DO-31 <b>aircraft</b>	
Courier <b>aircraft</b>	<i>use</i> U-10 aircraft	DO-328 <b>aircraft</b>	
Crusader <b>aircraft</b>	<i>use</i> F-8 aircraft	Dornier <b>aircraft</b>	
CT-114 <b>aircraft</b>	<i>use</i> CL-41 aircraft	Dornier DO-27 <b>aircraft</b>	<i>use</i> DO-27 aircraft
Curtiss C-46 <b>aircraft</b>	<i>use</i> C-46 aircraft	Dornier DO-28 <b>aircraft</b>	<i>use</i> DO-28 aircraft
Curtiss-Wright <b>aircraft</b>		Dornier DO-31 <b>aircraft</b>	<i>use</i> DO-31 aircraft
CV-2 <b>aircraft</b>	<i>use</i> DHC 4 aircraft	Douglas <b>aircraft</b>	
		Douglas D-558 <b>aircraft</b>	<i>use</i> D-558 aircraft
		Douglas DC-3 <b>aircraft</b>	<i>use</i> DC 3 aircraft
		Douglas DC-7 <b>aircraft</b>	<i>use</i> DC 7 aircraft

**aircraft**

Douglas DC-8 **aircraft**  
*use* DC 8 aircraft

Douglas DC-9 **aircraft**  
*use* DC 9 aircraft

Douglas PD-808 **aircraft**  
*use* PD-808 aircraft

drone **aircraft**

E-2 **aircraft**

E-3A **aircraft**

E-4A **aircraft**

Earth Resources Survey **aircraft**

EC-121 **aircraft**  
*use* C-121 aircraft

EC-135 **aircraft**  
*use* C-135 aircraft

Electra **aircraft**

electric **aircraft**  
*use* fly by wire control

electronic **aircraft**

ER-2 **aircraft**  
*use* U-2 aircraft

ES-3A **aircraft**  
*use* S-3 aircraft

executive **aircraft**  
*use* general aviation aircraft  
*use* passenger aircraft

experimental **aircraft**  
*use* research aircraft

F-2 **aircraft**

F-4 **aircraft**

F4H **aircraft**  
*use* F-4 aircraft

F-5 **aircraft**

F-8 **aircraft**

F8U **aircraft**  
*use* F-8 aircraft

F-9 **aircraft**

F9F **aircraft**  
*use* F-9 aircraft

F-14 **aircraft**

F-15 **aircraft**

F-16 **aircraft**

F-17 **aircraft**

F-18 **aircraft**

F-20 **aircraft**

F-22 **aircraft**

F-27 **aircraft**

F-28 transport **aircraft**

F-80 **aircraft**  
*use* T-33 aircraft

F-84 **aircraft**

F-86 **aircraft**

F-89 **aircraft**

F-94 **aircraft**

F-100 **aircraft**

F-101 **aircraft**

F-102 **aircraft**

F-104 **aircraft**

F-105 **aircraft**

F-106 **aircraft**

F-110 **aircraft**  
*use* F-4 aircraft

F-111 **aircraft**

F-117A **aircraft**

Fairchild military **aircraft**  
*use* Fairchild-Hiller aircraft

Fairchild-Hiller **aircraft**

Fairey **aircraft**

Fairey Delta 2 **aircraft**  
*use* FD 2 aircraft

fan in wing **aircraft**

FD 2 **aircraft**

Fellowship **aircraft**  
*use* F-28 transport aircraft

Fiat **aircraft**

Fiat G-91 **aircraft**  
*use* G-91 aircraft

Fiat G-222 **aircraft**  
*use* G-222 aircraft

Fiat G-95/4 **aircraft**  
*use* G-95/4 aircraft

fighter **aircraft**

Firebee 2 target drone **aircraft**

fixed-wing **aircraft**  
*use* aircraft configurations  
*use* fixed wings

Flying Bedstead **aircraft**  
*use* flying platforms

flying wing **aircraft**  
*use* tailless aircraft

Fokker **aircraft**

Fokker F 27 **aircraft**  
*use* F-27 aircraft

Fokker F 28 **aircraft**  
*use* F-28 transport aircraft

Fokker Friendship **aircraft**  
*use* F-27 aircraft

free wing **aircraft**

Freedom Fighter **aircraft**  
*use* F-5 aircraft

FV-12A **aircraft**

G-1 **aircraft**

G-91 **aircraft**

G-222 **aircraft**

G-95/4 **aircraft**

GA-5 **aircraft**

Galaxy **aircraft**  
*use* C-5 aircraft

GC-130 **aircraft**  
*use* C-130 aircraft

general aviation **aircraft**

General Dynamics **aircraft**

GETOL **aircraft**

Gloster GA-5 **aircraft**  
*use* GA-5 aircraft

Griffon **aircraft**  
*use* Nord 1500 aircraft

Gripen **aircraft**  
*use* JAS-39 aircraft

Grumman **aircraft**

Grumman OV-1C **aircraft**  
*use* OV-1 aircraft

Gyrodyne **aircraft**

Gyrodyne military **aircraft**  
*use* QH-50 helicopter

H-126 **aircraft**

Hamburger **aircraft**

Hamburger HFB-320 **aircraft**  
*use* HFB-320 aircraft

Handley Page **aircraft**

Handley Page HP-115 **aircraft**  
*use* HP-115 aircraft

Harrier **aircraft**

Hawker Hunter **aircraft**  
*use* F-2 aircraft

Hawker P-1127 **aircraft**  
*use* P-1127 aircraft

Hawker P-1154 **aircraft**  
*use* P-1154 aircraft

Hawker Siddeley **aircraft**

Hawkeye **aircraft**  
*use* E-2 aircraft

Heinkel **aircraft**

Helio **aircraft**

Helio military **aircraft**  
*use* Helio aircraft

Hercules **aircraft**  
*use* C-130 aircraft

HFB-320 **aircraft**

highly maneuverable **aircraft**

Hiller **aircraft**

HP-115 **aircraft**

HS-125 **aircraft**  
*use* DH 125 aircraft

HS-748 **aircraft**

HS-801 **aircraft**

Hughes **aircraft**

Hummingbird <b>aircraft</b>	Lockheed U-2 <b>aircraft</b>
<i>use</i> XV-4 aircraft	<i>use</i> U-2 aircraft
Hunter F-2 <b>aircraft</b>	Lockheed XV-4A <b>aircraft</b>
<i>use</i> F-2 aircraft	<i>use</i> XV-4 aircraft
Hunting H-126 <b>aircraft</b>	low wing <b>aircraft</b>
<i>use</i> H-126 aircraft	LTV <b>aircraft</b>
Hunting P-84 <b>aircraft</b>	<i>use</i> Ling-Temco-Vought aircraft
<i>use</i> jet provost aircraft	man powered <b>aircraft</b>
Hustler <b>aircraft</b>	Martin <b>aircraft</b>
<i>use</i> B-58 aircraft	Max Holste MH-262 <b>aircraft</b>
hypersonic <b>aircraft</b>	<i>use</i> MH-262 aircraft
IL-14 <b>aircraft</b>	Mcdonnell <b>aircraft</b>
IL-62 <b>aircraft</b>	McDonnell Douglas <b>aircraft</b>
IL-76 <b>aircraft</b>	MD 11 <b>aircraft</b>
IL-86 <b>aircraft</b>	MD 80 <b>aircraft</b>
IL-96 <b>aircraft</b>	ME P-160 <b>aircraft</b>
Ilyushin <b>aircraft</b>	<i>use</i> P-160 aircraft
Ilyushin IL-14 <b>aircraft</b>	ME P-308 <b>aircraft</b>
<i>use</i> IL-14 aircraft	<i>use</i> P-308 aircraft
Ilyushin IL-62 <b>aircraft</b>	Mercure <b>aircraft</b>
<i>use</i> IL-62 aircraft	Messerschmitt ME P-160 <b>aircraft</b>
Interceptor <b>aircraft</b>	<i>use</i> P-160 aircraft
<i>use</i> fighter aircraft	Messerschmitt ME P-308 <b>aircraft</b>
Intruder <b>aircraft</b>	<i>use</i> P-308 aircraft
<i>use</i> A-6 aircraft	meteorological research <b>aircraft</b>
Invader <b>aircraft</b>	Metropolitan <b>aircraft</b>
<i>use</i> B-26 aircraft	<i>use</i> CV-440 aircraft
Iskra <b>aircraft</b>	MH-262 <b>aircraft</b>
<i>use</i> TS-11 aircraft	MiG <b>aircraft</b>
Jaguar <b>aircraft</b>	Mil <b>aircraft</b>
JAS-39 <b>aircraft</b>	military <b>aircraft</b>
Javelin <b>aircraft</b>	Mirage <b>aircraft</b>
<i>use</i> GA-5 aircraft	Mirage 3 <b>aircraft</b>
JC-130 <b>aircraft</b>	Mohawk <b>aircraft</b>
<i>use</i> C-130 aircraft	<i>use</i> OV-1 aircraft
jet <b>aircraft</b>	MRCA <b>aircraft</b>
Jet Dragon <b>aircraft</b>	multi-role combat <b>aircraft</b>
<i>use</i> DH 125 aircraft	<i>use</i> MRCA aircraft
jet provost <b>aircraft</b>	Mustang <b>aircraft</b>
Jet Star <b>aircraft</b>	<i>use</i> P-51 aircraft
<i>use</i> C-140 aircraft	Mystere 20 <b>aircraft</b>
Jetstream <b>aircraft</b>	Mystere 50 <b>aircraft</b>
JF 101 <b>aircraft</b>	N-156 <b>aircraft</b>
<i>use</i> F-101 aircraft	<i>use</i> F-5 aircraft
Jindivik target <b>aircraft</b>	NA-300 <b>aircraft</b>
Kaman <b>aircraft</b>	<i>use</i> OV-10 aircraft
Kawasaki <b>aircraft</b>	NAMC <b>aircraft</b>
KC-130 <b>aircraft</b>	<i>use</i> Nihon aircraft
<i>use</i> C-130 aircraft	Navion <b>aircraft</b>
KC-135 <b>aircraft</b>	Navion G-1 <b>aircraft</b>
<i>use</i> C-135 aircraft	<i>use</i> G-1 aircraft
Kestrel <b>aircraft</b>	Navion Rangemaster <b>aircraft</b>
<i>use</i> P-1127 aircraft	<i>use</i> G-1 aircraft
KS-3 <b>aircraft</b>	NC-130 <b>aircraft</b>
<i>use</i> S-3 aircraft	<i>use</i> C-130 aircraft
L-28 <b>aircraft</b>	night flights <b>(aircraft)</b>
<i>use</i> U-10 aircraft	Nihon <b>aircraft</b>
L-29 <b>aircraft</b>	Nihon YS-11 <b>aircraft</b>
<i>use</i> L-29 jet trainer	<i>use</i> YS-11 aircraft
L-1011 <b>aircraft</b>	noise prediction <b>(aircraft)</b>
L-2000 <b>aircraft</b>	Nord <b>aircraft</b>
LARA <b>aircraft</b>	Nord 262 <b>aircraft</b>
<i>use</i> COIN aircraft	<i>use</i> MH-262 aircraft
Lear jet <b>aircraft</b>	Nord 1500 <b>aircraft</b>
light <b>aircraft</b>	North American <b>aircraft</b>
light armed reconnaissance <b>aircraft</b>	Northrop <b>aircraft</b>
<i>use</i> COIN aircraft	nuclear propelled <b>aircraft</b>
light transport <b>aircraft</b>	observation <b>aircraft</b>
Ling-Temco-Vought <b>aircraft</b>	Omnipol L-29 <b>aircraft</b>
Lockheed <b>aircraft</b>	<i>use</i> L-29 jet trainer
Lockheed C-5 <b>aircraft</b>	Omnipol Z-37 <b>aircraft</b>
<i>use</i> C-5 aircraft	<i>use</i> Z-37 aircraft
Lockheed CL-823 <b>aircraft</b>	Orion <b>aircraft</b>
<i>use</i> CL-823 aircraft	<i>use</i> P-3 aircraft
Lockheed Constellation <b>aircraft</b>	ornithopter <b>aircraft</b>
<i>use</i> C-121 aircraft	<i>use</i> research aircraft
Lockheed L-2000 <b>aircraft</b>	Osprey <b>aircraft</b>
<i>use</i> L-2000 aircraft	<i>use</i> V-22 aircraft
Lockheed model 18 <b>aircraft</b>	OV-1 <b>aircraft</b>

**aircraft**

- OV-10 **aircraft**
- P-3 **aircraft**
- P3V **aircraft**  
*use* P-3 aircraft
- P-51 **aircraft**
- P-84 **aircraft**  
*use* jet provost aircraft
- P-160 **aircraft**
- P-166 **aircraft**
- P-308 **aircraft**
- P-1127 **aircraft**
- P-1154 **aircraft**
- PA-34 Seneca **aircraft**
- Panther **aircraft**  
*use* F-9 aircraft
- passenger **aircraft**
- PD-808 **aircraft**
- Phantom **aircraft**  
*use* F-4 aircraft
- Piaggio **aircraft**
- Piaggio P-166 **aircraft**  
*use* P-166 aircraft
- Piaggio-Douglas PD-808 **aircraft**  
*use* PD-808 aircraft
- Piasecki **aircraft**
- pilotless **aircraft**
- Piper **aircraft**
- pivoted wing **aircraft**  
*use* tilt wing aircraft
- planetary **aircraft**  
*use* planetary aerial vehicles
- Polish TS-11 **aircraft**  
*use* TS-11 aircraft
- Potez **aircraft**
- powered lift **aircraft**
- private **aircraft**  
*use* general aviation aircraft
- Provider **aircraft**  
*use* C-123 aircraft
- Questol **aircraft**
- R5D **aircraft**  
*use* C-54 aircraft
- R7V **aircraft**  
*use* C-121 aircraft
- Rangemaster **aircraft**  
*use* G-1 aircraft
- RB-47 **aircraft**  
*use* B-47 aircraft
- RB-50 **aircraft**  
*use* B-50 aircraft
- RB-57 **aircraft**  
*use* B-57 aircraft
- RB-66 **aircraft**  
*use* B-66 aircraft
- reconnaissance **aircraft**
- Republic **aircraft**
- research **aircraft**
- RF-4 **aircraft**  
*use* F-4 aircraft
- RF-8 **aircraft**  
*use* F-8 aircraft
- rotary wing **aircraft**
- rotor systems research **aircraft**
- Ryan **aircraft**
- S-2 **aircraft**
- S-3 **aircraft**
- Saab **aircraft**
- Saab 37 **aircraft**
- Saab 105 **aircraft**
- Sabre **aircraft**  
*use* F-86 aircraft
- Sabreliner **aircraft**  
*use* T-39 aircraft
- Samaritan **aircraft**  
*use* C-131 aircraft
- Savage **aircraft**  
*use* A-2 aircraft
- SC-1 **aircraft**
- SC-5 **aircraft**
- SC-7 **aircraft**
- Schleicher **aircraft**
- Scimitar **aircraft**
- SE-210 **aircraft**
- Seneca **aircraft**  
*use* PA-34 Seneca aircraft
- Shooting Star **aircraft**  
*use* T-33 aircraft
- Short Belfast C MK-1 **aircraft**  
*use* SC-5 aircraft
- short haul **aircraft**
- Short SC-1 **aircraft**  
*use* SC-1 aircraft
- Short SC-5 **aircraft**  
*use* SC-5 aircraft
- Short SC-7 **aircraft**  
*use* SC-7 aircraft
- short takeoff **aircraft**
- short takeoff & vertical landing **aircraft**  
*use* STOVL aircraft
- Siebel **aircraft**
- Sikorsky **aircraft**
- single engine **aircraft**
- Skyhawk **aircraft**  
*use* A-4 aircraft
- Skymaster **aircraft**  
*use* C-54 aircraft
- Skyraider **aircraft**  
*use* A-1 aircraft
- Skyrocket **aircraft**  
*use* D-558 aircraft
- Skystreak **aircraft**  
*use* D-558 aircraft
- Skyvan **aircraft**  
*use* SC-7 aircraft
- Skywarrior **aircraft**  
*use* A-3 aircraft
- Snow S-2 **aircraft**  
*use* agricultural aircraft
- solar powered **aircraft**
- spanloader **aircraft**
- SR-71 **aircraft**
- Starfighter **aircraft**  
*use* F-104 aircraft
- Starlifter **aircraft**  
*use* C-141 aircraft
- steep gradient **aircraft**  
*use* V/STOL aircraft
- STOL **aircraft**  
*use* short takeoff aircraft
- STOVL **aircraft**
- Stratofortress **aircraft**  
*use* B-52 aircraft
- Stratojet **aircraft**  
*use* B-47 aircraft
- Stratotanker **aircraft**  
*use* C-135 aircraft
- submersible **aircraft**
- subsonic **aircraft**
- Sud Aviation **aircraft**
- Sud Aviation SE-210 **aircraft**  
*use* SE-210 aircraft
- Sukhoi **aircraft**
- Super Sabre **aircraft**  
*use* F-100 aircraft
- superfortress **aircraft**  
*use* B-50 aircraft
- supersonic **aircraft**
- T-2 **aircraft**
- T2J **aircraft**  
*use* T-2 aircraft
- T3J **aircraft**  
*use* T-39 aircraft
- T-28 **aircraft**
- T-33 **aircraft**
- T-37 **aircraft**
- T-38 **aircraft**
- T-39 **aircraft**
- tailless **aircraft**

Talon	<b>aircraft</b>		Victor MK-1	<b>aircraft</b>	
	<i>use</i>	T-38 aircraft	Vigilante	<b>aircraft</b>	
tandem wing	<b>aircraft</b>			<i>use</i>	A-5 aircraft
tanker	<b>aircraft</b>		Viscount	<b>aircraft</b>	
target drone	<b>aircraft</b>		VJ-101	<b>aircraft</b>	
TFX	<b>aircraft</b>		VLTA	<b>(aircraft)</b>	
	<i>use</i>	F-111 aircraft		<i>use</i>	very large transport aircraft
Thunderchief	<b>aircraft</b>		Voodoo	<b>aircraft</b>	
	<i>use</i>	F-105 aircraft		<i>use</i>	F-101 aircraft
tilt rotor	<b>aircraft</b>		V/STOL	<b>aircraft</b>	
tilt wing	<b>aircraft</b>		VTOL	<b>aircraft</b>	
Tornado	<b>aircraft</b>			<i>use</i>	vertical takeoff aircraft
	<i>use</i>	MRCA aircraft	Vulcan	<b>aircraft</b>	
Trader	<b>aircraft</b>		VZ-2	<b>aircraft</b>	
	<i>use</i>	C-1A aircraft	VZ-8	<b>aircraft</b>	
training	<b>aircraft</b>		VZ-10	<b>aircraft</b>	
Transall C-160	<b>aircraft</b>			<i>use</i>	XV-4 aircraft
	<i>use</i>	C-160 aircraft	VZ-11	<b>aircraft</b>	
transonic	<b>aircraft</b>			<i>use</i>	XV-5 aircraft
	<i>use</i>	supersonic aircraft	VZ-12	<b>aircraft</b>	
transport	<b>aircraft</b>			<i>use</i>	P-1127 aircraft
Trident	<b>aircraft</b>		W2F	<b>aircraft</b>	
	<i>use</i>	DH 121 aircraft		<i>use</i>	E-2 aircraft
Trojan	<b>aircraft</b>		Warning Star	<b>aircraft</b>	
	<i>use</i>	T-28 aircraft		<i>use</i>	C-121 aircraft
TS-11	<b>aircraft</b>		water takeoff and landing	<b>aircraft</b>	
TSR-2	<b>aircraft</b>		weather reconnaissance	<b>aircraft</b>	
TU-104	<b>aircraft</b>		Weser	<b>aircraft</b>	
TU-124	<b>aircraft</b>		Westland	<b>aircraft</b>	
TU-134	<b>aircraft</b>		WU-2	<b>aircraft</b>	
TU-144	<b>aircraft</b>			<i>use</i>	U-2 aircraft
TU-154	<b>aircraft</b>		X-1	<b>aircraft</b>	
TU-204	<b>aircraft</b>		X-2	<b>aircraft</b>	
Tupolev	<b>aircraft</b>		X-3	<b>aircraft</b>	
turbofan	<b>aircraft</b>		X-5	<b>aircraft</b>	
turbojet	<b>aircraft</b>		X-13	<b>aircraft</b>	
	<i>use</i>	jet aircraft	X-14	<b>aircraft</b>	
turboprop	<b>aircraft</b>		X-15	<b>aircraft</b>	
Turbo-Skyvan	<b>aircraft</b>		X-19	<b>aircraft</b>	
	<i>use</i>	SC-7 aircraft	X-20	<b>aircraft</b>	
Tutor	<b>aircraft</b>		X-21	<b>aircraft</b>	
	<i>use</i>	CL-41 aircraft	X-21A	<b>aircraft</b>	
U-2	<b>aircraft</b>		X-22	<b>aircraft</b>	
U-10	<b>aircraft</b>		X-22A	<b>aircraft</b>	
ultralight	<b>aircraft</b>		X-24	<b>aircraft</b>	
US-2A	<b>aircraft</b>		X-29	<b>aircraft</b>	
	<i>use</i>	S-2 aircraft	X-31	<b>aircraft</b>	
utility	<b>aircraft</b>		X-32	<b>aircraft</b>	
V-3	<b>aircraft</b>		X-35	<b>aircraft</b>	
	<i>use</i>	XV-3 aircraft	X-36	<b>aircraft</b>	
V-4	<b>aircraft</b>		X-45	<b>aircraft</b>	
	<i>use</i>	XV-4 aircraft	XB-47	<b>aircraft</b>	
V-5	<b>aircraft</b>			<i>use</i>	B-47 aircraft
	<i>use</i>	XV-5 aircraft	XB-70	<b>aircraft</b>	
V-9	<b>aircraft</b>			<i>use</i>	B-70 aircraft
	<i>use</i>	XV-9A aircraft	XBQM-180A	<b>aircraft</b>	
V-22	<b>aircraft</b>			<i>use</i>	VATOL aircraft
Valiant	<b>aircraft</b>		XC-142	<b>aircraft</b>	
Valkyrie	<b>aircraft</b>		XV-3	<b>aircraft</b>	
	<i>use</i>	B-70 aircraft	XV-4	<b>aircraft</b>	
Vampire	<b>aircraft</b>		XV-5	<b>aircraft</b>	
	<i>use</i>	DH 115 aircraft	XV-5A	<b>aircraft</b>	
Vampire MK 35	<b>aircraft</b>			<i>use</i>	XV-5 aircraft
VATOL	<b>aircraft</b>		XV-6A	<b>aircraft</b>	
VC-10	<b>aircraft</b>			<i>use</i>	P-1127 aircraft
Venom	<b>aircraft</b>		XV-8A	<b>aircraft</b>	
	<i>use</i>	DH 112 aircraft	XV-9A	<b>aircraft</b>	
vertical attitude takeoff-landing	<b>aircraft</b>		XV-11A	<b>aircraft</b>	
	<i>use</i>	VATOL aircraft	XV-15	<b>aircraft</b>	
vertical takeoff	<b>aircraft</b>		YAK	<b>aircraft</b>	
very large transport	<b>aircraft</b>			<i>use</i>	Yakovlev aircraft
Vickers 1100	<b>aircraft</b>		Yak 40	<b>aircraft</b>	
	<i>use</i>	VC-10 aircraft	Yakovlev	<b>aircraft</b>	
Vickers Scimitar	<b>aircraft</b>		YAV-8B	<b>aircraft</b>	
	<i>use</i>	Scimitar aircraft		<i>use</i>	Harrier aircraft
Vickers Valiant	<b>aircraft</b>		YC-14	<b>aircraft</b>	
	<i>use</i>	Valiant aircraft	YC-15	<b>aircraft</b>	
Vickers VC-10	<b>aircraft</b>			<i>use</i>	C-15 aircraft
	<i>use</i>	VC-10 aircraft			

**aircraft**

- YC-123 **aircraft**
  - use* C-123 aircraft
- YF-12 **aircraft**
- YF-16 **aircraft**
  - use* F-16 aircraft
- YF-17 **aircraft**
  - use* F-17 aircraft
- YF-22 **aircraft**
  - use* F-22 aircraft
- YF-102 **aircraft**
  - use* F-102 aircraft
- YS-11 **aircraft**
- YT-2 **aircraft**
  - use* T-2 aircraft
- Yukon **aircraft**
  - use* CL-44 aircraft
- Z-37 **aircraft**
  - aircraft** accident investigation
  - aircraft** accidents
  - aircraft** antennas
  - aircraft** approach spacing
  - aircraft** bases
    - use* military air facilities
  - aircraft** brakes
  - aircraft** cabins
    - use* aircraft compartments
- ceiling (**aircraft** capability)
  - aircraft** carriers
- bird-**aircraft**
  - aircraft** collisions
  - aircraft** communication
  - aircraft** compartments
  - aircraft** configurations
  - aircraft** construction
    - use* aircraft structures
  - aircraft** construction materials
  - aircraft** control
- British **Aircraft**
  - use* BAC aircraft
  - aircraft** design
  - aircraft** detection
  - Aircraft** Energy Efficiency program
    - use* ACEE program
  - aircraft** engines
  - aircraft** equipment
  - aircraft** fuel systems
  - aircraft** fuels
  - aircraft** guidance
  - aircraft** hangars
    - use* hangars
  - aircraft** hazards
  - aircraft** hydraulic systems
  - aircraft** icing
  - aircraft** industry
  - aircraft** instruments
  - aircraft** interiors
    - use* aircraft compartments
  - aircraft** landing
  - aircraft** launching devices
  - aircraft** lights
  - aircraft** maintenance
  - aircraft** maneuvers
  - aircraft** models
  - aircraft** noise
- jet **aircraft**
  - noise
  - aircraft** noise prediction
    - use* noise prediction (aircraft)
  - aircraft** parts
  - aircraft** performance
  - aircraft** pilots
  - aircraft** power sources
    - use* aircraft engines
  - aircraft** power supplies
  - aircraft** production
  - aircraft** production costs
- Tilt Rotor Research **Aircraft**
  - Program
  - aircraft** reliability
- supersonic cruise **aircraft**
  - research
- Folding Fin **aircraft**
  - rocket vehicle
  - aircraft** runup
- Snow aerial applicator **aircraft**
  - S-2B
    - use* agricultural aircraft
  - aircraft** safety
  - aircraft** specifications
  - aircraft** spin
  - aircraft** stability
  - aircraft** structures
- plastic **aircraft**
  - structures
  - aircraft** survivability
- unmanned **aircraft**
  - systems
- Transonic **Aircraft**
  - Technology Program
    - use* TACT program
  - aircraft** tires
  - aircraft** wakes
  - aircrews**
    - use* flight crews
  - airdrops**
  - airfield** surface movements
  - airfields**
    - use* airports
- Clark Y **airfoil**
  - use* airfoil profiles
- GAW-1 **airfoil**
- GAW-2 **airfoil**
- General Aviation Whitcomb **airfoil**
  - use* GAW-1 airfoil
  - use* GAW-2 airfoil
- airfoil**
  - characteristics
    - use* airfoils
  - airfoil** fences
  - airfoil** oscillations
  - airfoil** profiles
  - airfoil** sections
    - use* airfoil profiles
  - airfoil** thickness
    - use* airfoil profiles
  - airfoils**
- circulation control **airfoils**
- drooped **airfoils**
- laminar flow **airfoils**
- porous **airfoils**
  - use* porous boundary layer control
- supercritical **airfoils**
- supersonic **airfoils**
- thin **airfoils**
- inlet **airframe**
  - configurations
- engine **airframe**
  - integration
  - materials
- airframes**
- Airgeep** aircraft
  - use* VZ-8 aircraft
- airglow**
- night **airglow**
  - use* nightglow
- airline** operations
- airlock** modules
- experimental STOL transport rsh **airplane**
  - use* Questol aircraft
- airport** beacons
- airport** lights
- airport** planning
- airport** security
- airport** surface detection equipment
- airport** towers
- airports**
- AIRS** (reconnaissance sys)
  - use* Airborne Integrated Reconnaissance System
- airships**
- heavy lift **airships**
- airspace**
- National **Airspace**
  - System
- National **Airspace**
  - Utilization System
- airspeed**
- jet **airstreams**
  - use* jet streams (meteorology)
- airworthiness**
  - use* aircraft reliability

- airworthiness** requirements  
*use* aircraft reliability
- Airy** function
- Aitken** nuclei
- YLR-91- **AJ-1** engine
- LR-87- **AJ-5** engine
- LR-91- **AJ-5** engine
- AJ-10** engine
- AJ-1000** engine  
*use* M-1 engine
- Nike- **Ajax** missile
- Chena River Basin **(AK)**
- Cook Inlet **(AK)**
- Prince William Sound **(AK)**
- Wrangell Mountains **(AK)**
- Akebono** satellite  
*use* EXOS-D satellite
- akermanite**
- Tennessee Valley **(AL-KY-TN)**
- Alabama**
- Aladin** 2 aircraft
- Alais** meteorite
- Los **Alamos** Molten Plutonium Reactor
- Los **Alamos** Turret Reactor  
*use* high temperature nuclear reactors
- Los **Alamos** Water Boiler Reactor
- alanine**
- alarms**  
*use* warning systems
- false **alarms**
- Alaska**
- Gulf of **Alaska**
- Albania**
- albedo**
- cosmic ray **albedo**
- Earth **albedo**
- lunar **albedo**
- Alberta**
- albinism**
- albumins**
- IRAS-Araki- **Alcock** comet
- ethyl **alcohol**
- furfuryl **alcohol**
- isopropyl **alcohol**
- methyl **alcohol**
- polyvinyl **alcohol**
- alcoholates**  
*use* alkoxides
- alcohols**
- aldehydes**
- Diels- **Alder** reactions
- aldolase**
- aldosterone**
- alertness**
- Aleutian** Islands (US)
- alexandrite**
- alfalfa**
- Alfven** waves  
*use* magnetohydrodynamic waves
- AlGaAs**  
*use* aluminum gallium arsenides
- algae**
- blue green **algae**
- algal** bloom  
*use* algae
- algebra**
- Boolean **algebra**
- current **algebra**
- differential **algebra**  
*use* differential calculus matrices (mathematics)
- field theory **(algebra)**
- Grassmann **algebra**  
*use* vector spaces
- Algeria**
- ALGOL**
- Algol** engine
- algorithmic** oriented language  
*use* ALGOL
- algorithms**
- genetic **algorithms**
- greedy **algorithms**
- parsing **algorithms**
- sorting **algorithms**
- field **aligned** currents
- alignment**
- polarization (spin **alignment**)
- runway **alignment**
- self **alignment**
- Sikhote- **Alin** meteorite
- aliphatic** compounds
- aliphatic** hydrocarbons
- alkali** halides
- alkali** metal compounds
- alkali** metals
- alkali** vapor lamps
- alkalies**
- alkaline** batteries
- alkaline** earth compounds
- alkaline** earth metals
- alkaline** earth oxides
- alkalinity**
- alkaloids**
- alkalosis**
- alkanes**
- alkenes**
- alkoxides**
- alkyd** resins
- alkyl** compounds
- alkylates**
- alkylation**
- alkylferrocene**
- alkylidene**
- alkynes**
- all** sky photography
- all-weather** air navigation
- all-weather** landing systems
- Allegheny** Plateau (US)
- Van **Allen** radiation belts  
*use* radiation belts
- Allende** meteorite
- allergic** diseases
- vortex **alleviation**
- gust **alleviators**
- resource **allocation**
- allocations**
- allotropy**
- allowances**
- alloxan**
- mulberry **(alloy)**
- low **alloy** steels  
*use* high strength steels
- alloying**
- alloys**
- aluminum **alloys**
- aluminum-lithium **alloys**
- antimony **alloys**
- arsenic **alloys**
- barium **alloys**
- bearing **alloys**
- beryllium **alloys**
- binary **alloys**
- bismuth **alloys**
- boron **alloys**
- cadmium **alloys**
- cast **alloys**
- cesium **alloys**
- chromium **alloys**
- cobalt **alloys**
- copper **alloys**
- erbium **alloys**
- eutectic **alloys**
- gadolinium **alloys**
- gallium **alloys**
- germanium **alloys**
- gold **alloys**

# alloys

hafnium **alloys**  
heat resistant **alloys**  
high strength **alloys**  
high temperature **alloys**  
*use* heat resistant alloys  
indium **alloys**  
iridium **alloys**  
iron **alloys**  
lanthanum **alloys**  
lead **alloys**  
light **alloys**  
liquid **alloys**  
lithium **alloys**  
magnesium **alloys**  
manganese **alloys**  
mercury **alloys**  
molybdenum **alloys**  
monotectic **alloys**  
neodymium **alloys**  
nickel **alloys**  
nimonic **alloys**  
niobium **alloys**  
nitinol **alloys**  
osmium **alloys**  
palladium **alloys**  
platinum **alloys**  
plutonium **alloys**  
polymer **alloys**  
*use* polymer blends  
potassium **alloys**  
quaternary **alloys**  
rare earth **alloys**  
refractory metal **alloys**  
rhenium **alloys**  
rhodium **alloys**  
ruthenium **alloys**  
selenium **alloys**  
shape memory **alloys**  
silicon **alloys**  
silver **alloys**  
sodium **alloys**  
syntectic **alloys**  
tantalum **alloys**  
tellurium **alloys**  
ternary **alloys**  
thallium **alloys**  
thorium **alloys**  
tin **alloys**  
titanium **alloys**  
tungsten **alloys**  
Udimet **alloys**  
uranium **alloys**  
vanadium **alloys**  
wrought **alloys**  
yttrium **alloys**  
zinc **alloys**  
zirconium **alloys**  
**alluvium**  
**allyl** compounds  
**almucantar**  
*use* elevation angle  
winds **aloft**  
**Aloha** system  
**Alouette** 1 satellite  
**Alouette** 2 satellite  
**Alouette** 3 helicopter  
*use* SE-3160 helicopter  
**Alouette** B satellite  
**Alouette** helicopters  
**Alouette** project  
**Alouette** satellites  
Bayard-**Alpert** ionization gages  
**alpha** decay  
**Alpha** jet aircraft  
H **alpha** line  
**Alpha** Magnetic Spectrometer  
**alpha** particles  
**alpha** plasma devices

**alpha** radiation  
*use* alpha particles  
Lyman **alpha** radiation  
**alphabets**  
**alphanumeric** characters  
**alphanumerics**  
**Alpine** meteorology  
**Alps** Mountains (Europe)  
**ALS** (launch system)  
*use* Advanced Launch System (STS)  
**ALSEP**  
*use* Apollo Lunar Surface Experiments Package  
high **alt** target and background measurement  
**Altair** engine  
*use* X-248 engine  
**Altair** Lunar Lander  
**alteration**  
*use* revisions  
**alternating** current  
**alternating** current generators  
*use* AC generators  
**alternating** direction implicit methods  
**alternations**  
**alternatives**  
linear **alternators**  
linear AC **alternators**  
*use* linear alternators  
static **alternators**  
**alternators** (generators)  
*use* AC generators  
Mars Orbiter Laser **Altimeter** (MOLA)  
*use* Mars Global Surveyor  
**altimeters**  
laser **altimeters**  
radar **altimeters**  
*use* radio altimeters  
radio **altimeters**  
**altimetry**  
satellite **altimetry**  
**altitude**  
flight **altitude**  
high **altitude**  
low **altitude**  
simulated **altitude**  
*use* altitude simulation  
Spacecraft Charging at High **Altitude**  
*use* SCATHA satellite  
**altitude** acclimatization  
high **altitude** balloons  
high **altitude** breathing  
**altitude** control  
high **altitude** environments  
high **altitude** flight  
*use* flight  
high altitude  
supersonic low **altitude** missile  
high **altitude** nuclear detection  
high **altitude** pressure  
**altitude** sickness  
**altitude** simulation  
high **altitude** sounding projectile  
*use* WASP sounding rocket  
**altitude** tests  
high **altitude** tests  
**altitude** tolerance  
**ALU** (computer components)  
*use* arithmetic and logic units  
**alum**  
**alumina**  
*use* aluminum oxides  
**aluminates**  
**aluminides**  
iron **aluminides**  
nickel **aluminides**  
titanium **aluminides**  
**aluminizing**  
*use* aluminum coatings  
**aluminum**

powdered **aluminum**  
**aluminum** 26  
**aluminum** 27  
**aluminum** alloys  
**aluminum** antimonides  
**aluminum** arsenides  
indium **aluminum** arsenides  
**aluminum** borohydrides  
**aluminum** boron composites  
**aluminum** carbides  
**aluminum** chlorides  
**aluminum** coatings  
**aluminum** compounds  
organic **aluminum** compounds  
**aluminum** fluorides  
**aluminum** gallium arsenide lasers  
**aluminum** gallium arsenides  
yttrium- **aluminum** garnet  
**aluminum** graphite composites  
**aluminum** hydrides  
lithium **aluminum** hydrides  
**aluminum** isotopes  
**aluminum**-lithium alloys  
**aluminum** nitrides  
**aluminum** oxides  
**aluminum** perchlorates  
sintered **aluminum** powder  
**aluminum** silicates  
**alveolar** air  
**alveoli**  
**AM-1** (EOS) spacecraft  
*use* Terra spacecraft  
EOS **AM-1** spacecraft  
*use* Terra spacecraft  
**AM** (modulation)  
*use* amplitude modulation  
**amalgams**  
*use* mercury amalgams  
mercury **amalgams**  
**Amalthea**  
**Amazon** region (South America)  
**Amberlite** (trademark)  
**ambience**  
**ambient** temperature  
**ambiguity**  
**ambipolar** diffusion  
**ambit**  
*use* field theory (physics)  
**ambulances**  
Amazon region (South **America**)  
Andes Mountains (South **America**)  
Appalachian Mountains (North **America**)  
Beaufort Sea (North **America**)  
Central **America**  
Colorado River (North **America**)  
Great Lakes (North **America**)  
Great Plains Corridor (North **America**)  
North **America**  
Rio Grande (North **America**)  
Rocky Mountains (North **America**)  
South **America**  
St Lawrence Valley (North **America**)  
Voice of **America**  
Williston Basin (North **America**)  
North **American** aircraft  
**American** Indians  
**americium**  
**americium** 241  
**americium** isotopes  
**amidase**  
**amides**  
**amines**  
**amino** acids  
**amino** radical  
**aminophylline**  
**ammeters**  
thermoelement **ammeters**  
**ammines**  
**ammonia**

liquid **ammonia**  
**ammonium** bromides  
**ammonium** chlorides  
**ammonium** compounds  
**ammonium** nitrates  
**ammonium** perchlorates  
**ammonium** phosphates  
**ammonium** picrates  
**ammonium** sulfates  
**ammonolysis**  
**ammunition**  
incendiary **ammunition**  
**amobarbital**  
**amoeba**  
**AMOOS**  
*use* Aeromaneuvering Orbit to Orbit Shuttle  
**Amor** asteroid  
**amorphous** materials  
**amorphous** semiconductors  
**amorphous** silicon  
**amount**  
cyclic **AMP**  
**AMP** (biochemistry)  
*use* adenosine monophosphate  
**amperage**  
*use* electric current  
volt- **ampere** characteristics  
Monge- **Ampere** equation  
**amphetamines**  
**amphibia**  
**amphibious** aircraft  
**amphibious** vehicles  
**amphiboles**  
**Amphitrite** asteroid  
**amplidynes**  
**amplification**  
fluid **amplification**  
*use* fluid amplifiers  
gain **(amplification)**  
*use* amplification  
sound **amplification**  
wave **amplification**  
**amplification** factor  
*use* amplification  
**amplifier** design  
**amplifiers**  
balanced **amplifiers**  
*use* push-pull amplifiers  
beam plasma **amplifiers**  
bistable **amplifiers**  
*use* flip-flops  
broadband **amplifiers**  
crossed field **amplifiers**  
current **amplifiers**  
differential **amplifiers**  
distributed **amplifiers**  
electronic **amplifiers**  
*use* amplifiers  
feedback **amplifiers**  
fluid **amplifiers**  
fluid jet **amplifiers**  
*use* fluid amplifiers  
jet amplifiers  
intermediate frequency **amplifiers**  
jet **amplifiers**  
light **amplifiers**  
limiter **amplifiers**  
linear **amplifiers**  
magnetic **amplifiers**  
magnetostatic **amplifiers**  
microwave **amplifiers**  
operational **amplifiers**  
optical **amplifiers**  
*use* light amplifiers  
paramagnetic **amplifiers**  
*use* masers  
parametric **amplifiers**  
power **amplifiers**

## amplifiers

- push-pull **amplifiers**
- quantum **amplifiers**
- reactance **amplifiers**
  - use* parametric amplifiers
- transistor **amplifiers**
- traveling wave **amplifiers**
- voltage **amplifiers**
  - amplitrons** (trademark)
    - use* planotrons
- pulse **amplitude**
- scattering **amplitude**
- pulse width **amplitude** converters
  - amplitude** distribution analysis
- variable **amplitude** loading
  - amplitude** modulation
- pulse **amplitude** modulation
- quadrature **amplitude** modulation
  - amplitude** probability analysis
    - use* amplitude distribution analysis
- amplitudes**
- ampoules**
- AMPS** (satellite payload)
- AMPTE** (satellites)
- AMS** (spectrometer)
  - use* Alpha Magnetic Spectrometer
- AMSU** (radiometer)
  - use* Advanced Microwave Sounding Unit
- AMTV**
  - use* automated mixed traffic vehicles
- AN-2** aircraft
- AN-22** aircraft
- Antonov **AN-22** aircraft
  - use* AN-22 aircraft
- AN-24** aircraft
- Antonov **AN-24** aircraft
  - use* AN-24 aircraft
- anabaena**
- anaerobes**
- analgesia**
- analog** circuits
- analog** computers
- digital to **analog** converters
- analog** data
- analog** simulation
- analog** to digital converters
- analogies**
- hydraulic **analogies**
- analog**s
- Earth **analog**s
- membrane **analog**y
  - use* membrane structures
- analysis**
  - structural analysis
  - use* analyzing
- activation **analysis**
- amplitude distribution **analysis**
- amplitude probability **analysis**
  - use* amplitude distribution analysis
- biological **analysis**
  - use* bioassay
- bivariate **analysis**
- cepstral **analysis**
- chemical **analysis**
- cluster **analysis**
- combinatorial **analysis**
- cost **analysis**
- cost benefit **analysis**
  - use* cost analysis
  - cost effectiveness
- creep **analysis**
- DAEMO (data **analysis**)
  - use* data processing
  - data reduction
  - data transmission
- data **analysis**
  - use* data processing
  - data reduction
- data flow **analysis**
- design **analysis**
- differential thermal **analysis**
  - use* thermal analysis
- dimensional **analysis**
- DNS (numerical **analysis**)
  - use* direct numerical simulation
- DTA (**analysis**)
  - use* thermal analysis
- dynamic structural **analysis**
- economic **analysis**
- error **analysis**
- factor **analysis**
- failure **analysis**
- feasibility **analysis**
- flutter **analysis**
- Fourier **analysis**
- frequency domain **analysis**
- functional **analysis**
- gas **analysis**
- gas path **analysis**
- harmonic **analysis**
- histochemical **analysis**
- hydrothermal stress **analysis**
- image **analysis**
- information **analysis**
- instrumental **analysis**
  - use* analyzing
  - automation
- management **analysis**
- mathematical **analysis**
  - use* applications of mathematics
- matrix **analysis**
  - use* matrices (mathematics)
- multitemporal **analysis**
  - use* temporal resolution
- multivariate statistical **analysis**
- network **analysis**
- neutron activation **analysis**
- numerical **analysis**
- optical flow (image **analysis**)
  - photoelastic **analysis**
  - postflight **analysis**
- potentiometric **analysis**
- preflight **analysis**
- principal components **analysis**
- program trend line **analysis**
- qualitative **analysis**
- quantitative **analysis**
- regression **analysis**
- reliability **analysis**
- scene **analysis**
- sensitivity **analysis**
- sequential **analysis**
- signal **analysis**
- signature **analysis**
- SMA (image **analysis**)
  - use* spectral mixture analysis
- sneak circuit **analysis**
- spectral **analysis**
  - use* spectrum analysis
- spectral mixture **analysis**
- spectroscopic **analysis**
- spectrum **analysis**
- statistical **analysis**
- stress **analysis**
- structural **analysis**
- systems **analysis**
- tensor **analysis**
- terrain **analysis**
- thermal **analysis**
- time domain **analysis**
- time series **analysis**
- training **analysis**
- trajectory **analysis**
- trend **analysis**
- vector **analysis**
- volumetric **analysis**
- wavelet **analysis**
- weight **analysis**

- x ray **analysis**  
x ray stress **analysis**  
**analysis** (mathematics)  
**analysis** of variance  
NASA Structural **Analysis** program  
*use* NASTRAN  
isotopic **analysis** (quantitative)  
*use* isotope ratios  
postmission **analysis** (spacecraft)  
discriminant **analysis** (statistics)  
prediction **analysis** techniques  
**analytic** functions  
**analytic** geometry  
**analytical** chemistry  
**analyzers**  
differential **analyzers**  
engine **analyzers**  
frequency **analyzers**  
oxygen **analyzers**  
signal **analyzers**  
**analyzing**  
**anaphylaxis**  
**anastigmatism**  
**anatase**  
**anatomy**  
appendix **(anatomy)**  
arm **(anatomy)**  
capillaries **(anatomy)**  
diaphragm **(anatomy)**  
elbow **(anatomy)**  
eye **(anatomy)**  
face **(anatomy)**  
feet **(anatomy)**  
glands **(anatomy)**  
hand **(anatomy)**  
head **(anatomy)**  
joints **(anatomy)**  
knee **(anatomy)**  
leg **(anatomy)**  
limbs **(anatomy)**  
lips **(anatomy)**  
neck **(anatomy)**  
nose **(anatomy)**  
skin **(anatomy)**  
**anchors** (fasteners)  
**Andes** Mountains (South America)  
**andesite**  
**Andorra**  
San **Andreas** Fault experiment  
San **Andreas** Fault  
**Andromeda**  
**Andromeda** Constellation  
**Andromeda** Galaxy  
**anechoic** chambers  
**anelasticity**  
**anemias**  
**anemometers**  
drag force **anemometers**  
hot-film **anemometers**  
hot-wire **anemometers**  
laser **anemometers**  
sonic **anemometers**  
**anemometry**  
*use* velocity measurement  
**anesthesia**  
**anesthesiology**  
**anesthetics**  
**angels** (radar)  
**angina** pectoris  
**angiogenesis**  
**angiography**  
**angiosperms**  
**angiotensins**  
Bragg **angle**  
Brewster **angle**  
dihedral **angle**  
elevation **angle**  
phase **angle**  
*use* phase shift
- sweep **angle**  
Multi- **angle** Imaging Spectroradiometer  
*use* MISR (radiometry)  
wide **angle** lenses  
**angle** of attack  
zero **angle** of attack  
apsidal **angles**  
*use* apsides  
glide **angles**  
*use* glide paths  
pitch **angles**  
*use* pitch (inclination)  
sweepback **angles**  
*use* sweepback  
look **angles** (electronics)  
**angles** (geometry)  
look **angles** (tracking)  
**Angola**  
**angular** acceleration  
**angular** correlation  
**angular** distribution  
**angular** momentum  
**angular** motion  
*use* angular velocity  
**angular** resolution  
**angular** velocity  
carbonic **anhydrase**  
**anhydrides**  
**Anik 1**  
**Anik 2**  
**Anik 3**  
**Anik A**  
*use* Anik 1  
**Anik B**  
*use* Anik 2  
**Anik C**  
*use* Anik 3  
**Anik** satellites  
**aniline**  
**animal** models  
**animals**  
cold blooded **animals**  
*use* poikilothermia  
seals **(animals)**  
warm blooded **animals**  
*use* homeotherms  
**animation**  
computer **animation**  
**anions**  
**anisole**  
**anisoplanatism**  
**anisotropic** fluids  
**anisotropic** media  
**anisotropic** plates  
**anisotropic** shells  
**anisotropy**  
elastic **anisotropy**  
plastic **anisotropy**  
Microwave **Anisotropy** Probe  
**Anna** hurricane  
**ANNA** satellites  
**annealing**  
laser **annealing**  
simulated **annealing**  
electron-positron **annihilation**  
*use* positron annihilation  
positron **annihilation**  
**annihilation** reactions  
**annotations**  
**annual** variations  
magnetic **annular** arc  
**annular** core pulse reactors  
**annular** ducts  
**annular** flow  
**annular** nozzles  
**annular** plates  
magnetic **annular** shock tubes  
**annular** suspension and pointing system  
**annuli**

multi-	<b>anode</b>	microchannel arrays	plasma	<b>antennas</b>
	<b>anodes</b>		radar	<b>antennas</b>
cell	<b>anodes</b>		radio	<b>antennas</b>
shell	<b>anodes</b>		rectifier	<b>antennas</b>
tube	<b>anodes</b>			<i>use</i> rectennas
	<b>anodic</b>	coatings	reflector	<b>antennas</b>
	<b>anodic</b>	stripping	rhombic	<b>antennas</b>
	<b>anodizing</b>		satellite	<b>antennas</b>
	<b>anolytes</b>		Schwarzschild	<b>antennas</b>
	<b>anomalies</b>		slot	<b>antennas</b>
congenital	<b>anomalies</b>		slotted	<b>antennas</b>
geomagnetic	<b>anomalies</b>			<i>use</i> slot antennas
		<i>use</i> magnetic anomalies	spacecraft	<b>antennas</b>
geothermal	<b>anomalies</b>		spherical	<b>antennas</b>
gravity	<b>anomalies</b>		spike	<b>antennas</b>
magnetic	<b>anomalies</b>			<i>use</i> monopole antennas
	<b>anomalous</b>	temperature zones	spiral	<b>antennas</b>
	<b>anorthosite</b>		steerable	<b>antennas</b>
	<b>anoxia</b>		tracking	<b>antennas</b>
	<b>ANS</b>			<i>use</i> directional antennas
		<i>use</i> Astronomical Netherlands Satellite	turnstile	<b>antennas</b>
	<b>Antarctic</b>	environment	two reflector	<b>antennas</b>
		<i>use</i> ice environments	waveguide	<b>antennas</b>
	<b>Antarctic</b>	Ocean	whip	<b>antennas</b>
	<b>Antarctic</b>	regions	Yagi	<b>antennas</b>
	<b>Antarctica</b>		<b>Antheus</b>	aircraft
		<i>use</i> Antarctic regions		<i>use</i> AN-22 aircraft
	<b>Antares</b>	rocket vehicle	<b>anthracene</b>	
	<b>Antelope</b>	missile	<b>anthracite</b>	
Laser Interferometer Space	<b>Antenna</b>		<b>anthraquinones</b>	
		<i>use</i> LISA (observatory)	<b>anthropology</b>	
	<b>antenna</b>	arrays	racers	<b>(anthropology)</b>
	<b>antenna</b>	components	<b>anthropometry</b>	
	<b>antenna</b>	couplers	coherent	<b>anti-Stokes Raman spectroscopy</b>
	<b>antenna</b>	design		<i>use</i> Raman spectroscopy
directors	<b>(antenna)</b>	elements)		<b>antiadrenergics</b>
	<b>antenna</b>	feeds	self initiated	<b>antiaircraft</b> missiles
	<b>antenna</b>	fields		<i>use</i> SIAM missiles
		<i>use</i> antenna radiation patterns	antiinfectives and	<b>antibacterials</b>
	<b>antenna</b>	gain		<b>antibiotics</b>
Global Communications	<b>Antenna</b>	Grid (navy)		<b>antibodies</b>
		<i>use</i> Seafarer project		<b>anticholinergics</b>
underground radio	<b>antenna</b>	grid (navy)		<b>anticlines</b>
		<i>use</i> Seafarer project		<b>anticlinoria</b>
	<b>antenna</b>	radiation patterns		<i>use</i> anticlines
	<b>antennas</b>			<b>anticoagulants</b>
aircraft	<b>antennas</b>			<b>anticoincidence</b> detectors
backfire	<b>antennas</b>			<b>anticoincidence</b> shields
Cassegrain	<b>antennas</b>			<i>use</i> anticoincidence detectors
cylindrical	<b>antennas</b>			<b>anticonvulsants</b>
delta	<b>antennas</b>			<b>anticyclones</b>
dipole	<b>antennas</b>			<b>antidetection</b> technology
directional	<b>antennas</b>			<i>use</i> stealth technology
furlable	<b>antennas</b>			<b>antidiuretics</b>
gravitational wave	<b>antennas</b>			<b>antidotes</b>
Gregorian	<b>antennas</b>			<b>antiemetics</b> and antinauseants
helical	<b>antennas</b>			<b>antiferroelectricity</b>
high resolution coverage	<b>antennas</b>			<b>antiferromagnetism</b>
hoop column	<b>antennas</b>			<b>antifouling</b>
horn	<b>antennas</b>			<b>antifreezes</b>
inertialess steerable	<b>antennas</b>			<b>antifriction</b> bearings
lens	<b>antennas</b>			<b>antigens</b>
log periodic	<b>antennas</b>			<b>antigravity</b>
log spiral	<b>antennas</b>			<b>Antigua</b> and Barbuda
loop	<b>antennas</b>			<b>antihistaminics</b>
maypole	<b>antennas</b>			<b>antihypertensive</b> agents
microstrip	<b>antennas</b>			<b>antiicing</b> additives
microwave	<b>antennas</b>			<b>antiinfectives</b> and antibacterials
missile	<b>antennas</b>			<b>antiknock</b> additives
monopole	<b>antennas</b>			
monopulse	<b>antennas</b>		Lesser	<b>Antilles</b>
multibeam	<b>antennas</b>			<b>antimatter</b>
omnidirectional	<b>antennas</b>		matter-	<b>antimatter</b> propulsion
parabolic	<b>antennas</b>			<b>antimissile</b> defense
parasitic	<b>antennas</b>		Downrange	<b>Antimissile</b> Measurement Program
		<i>use</i> parasitic elements (antennas)		<b>antimissile</b> missiles
parasitic elements	<b>(antennas)</b>			<b>antimisting</b> fuels
patch	<b>antennas</b>		aluminum	<b>antimonides</b>

cadmium	<b>antimonides</b>	<b>API</b> (computers)
cesium	<b>antimonides</b>	<i>use</i> application programming interface
gallium	<b>antimonides</b>	<b>APL</b> (programming language)
germanium	<b>antimonides</b>	<b>apnea</b>
indium	<b>antimonides</b>	<i>use</i> respiration
zinc	<b>antimonides</b>	<b>apodization</b>
	<b>antimony</b>	<b>apogee</b> boost motors
	<b>antimony</b> alloys	SYNCOM <b>apogee</b> engines
	<b>antimony</b> compounds	<b>apogee</b> kick motors
	<b>antimony</b> fluorides	<i>use</i> apogee boost motors
	<b>antimony</b> isotopes	perigee- <b>apogee</b> satellites
antiemetics and	<b>antinauseants</b>	<i>use</i> PAS
	<b>antineutrinos</b>	<b>apogees</b>
	<b>antinodes</b>	Lunar Exploration System for <b>Apollo</b>
	<b>antinucleons</b>	<b>Apollo</b> 5 flight
	<b>antioxidants</b>	<b>Apollo</b> 6 flight
	<b>antiparticles</b>	<b>Apollo</b> 7 flight
	<b>antiphase</b> boundaries	<b>Apollo</b> 8 flight
	<b>antiphase</b> domains	<b>Apollo</b> 9 flight
	<i>use</i> antiphase boundaries	<b>Apollo</b> 10 flight
	<b>antipodes</b>	<b>Apollo</b> 11 flight
proton-	<b>antiproton</b> interactions	<b>Apollo</b> 12 flight
	<b>antiprotons</b>	<b>Apollo</b> 13 flight
	<b>antiquities</b>	<b>Apollo</b> 14 flight
	<b>antiradar</b> coatings	<b>Apollo</b> 15 flight
	<b>antiradiation</b> drugs	<b>Apollo</b> 16 flight
	<b>antiradiation</b> missiles	<b>Apollo</b> 17 flight
	<b>antireflection</b> coatings	<b>Apollo</b> applications program
	<b>antiseptics</b>	<b>Apollo</b> asteroids
	<b>antiserums</b>	<b>Apollo</b> extension system
	<b>antiship</b> missiles	<b>Apollo</b> flights
	<b>antiship</b> warfare	<b>Apollo</b> lunar experiment module
	<b>antisite</b> defects	<b>Apollo</b> Lunar Surface Experiments Package
	<b>antiskid</b> devices	<b>Apollo</b> project
	<b>antistatic</b> devices	<b>Apollo</b> short stack
	<i>use</i> static dischargers	<b>Apollo</b> Soyuz test project
	<b>antisubmarine</b> warfare	<b>Apollo</b> spacecraft
	<b>antisubmarine</b> warfare aircraft	Early <b>Apollo</b> Surface Experiments Package
	<b>antisymmetry</b>	<i>use</i> EASEP
	<b>antitank</b> missiles	<b>Apollo</b> telescope mount
toxins and	<b>antitoxins</b>	<b>apoptosis</b>
	<b>Antonov</b> aircraft	<b>Appalachian</b> Mountains (North America)
	<b>Antonov</b> AN-22 aircraft	<b>apparatus</b>
	<i>use</i> AN-22 aircraft	<i>use</i> equipment
	<b>Antonov</b> AN-24 aircraft	abort <b>apparatus</b>
	<i>use</i> AN-24 aircraft	breathing <b>apparatus</b>
	<b>anvil</b> clouds	drying <b>apparatus</b>
	<b>anvils</b>	free flight test <b>apparatus</b>
	<b>anxiety</b>	hypersonic test <b>apparatus</b>
Taylor manifest	<b>anxiety</b> scale	spraying <b>apparatus</b>
	<b>AO-1</b> aircraft	<i>use</i> sprayers
	<i>use</i> OV-1 aircraft	supersonic test <b>apparatus</b>
	<b>AOIPS</b>	torque measuring <b>apparatus</b>
	<i>use</i> Atmospheric & Oceanographic Inform Sys	<i>use</i> torquemeters
	<b>aorta</b>	underwater breathing <b>apparatus</b>
	<b>AOSO</b>	vacuum <b>apparatus</b>
	<b>Apache</b> rocket vehicle	wind tunnel <b>apparatus</b>
Nike-	<b>Apache</b> rocket vehicle	x ray <b>apparatus</b>
	<b>apatites</b>	<b>appearance</b>
	<i>use</i> calcium phosphates	<b>appendages</b>
	minerals	<b>appendix</b> (anatomy)
	<b>APB</b> (materials)	Hartree- <b>Appleton</b> approximation
	<i>use</i> antiphase boundaries	<i>use</i> Hartree approximation
	<b>aperiodic</b> functions	electric <b>appliances</b>
numerical	<b>aperture</b>	<i>use</i> electric equipment
synthetic	<b>aperture</b> radar	Office of Space & Terrest <b>Applic</b> Payloads
large	<b>aperture</b> seismic array	<i>use</i> OSTA-1 payload
very small	<b>aperture</b> terminals	OSTA-2 payload
	<i>use</i> VSAT (network)	OSTA-3 payload
	<b>apertures</b>	<b>application</b>
irises (mechanical	<b>apertures</b> )	<i>use</i> utilization
synthetic	<b>apertures</b>	<b>application</b> programming interface
windows	<b>(apertures)</b>	<b>application</b> specific integrated circuits
	<b>apes</b>	laser <b>applications</b>
	<b>apexes</b>	microgravity <b>applications</b>
	<b>aphelions</b>	multisensor <b>applications</b>
		patent <b>applications</b>

## Applications

	<b>Applications</b> Explorer Satellites		<b>arc</b> lamps
Earth Viewing	<b>Applications</b> Laboratory		<b>arc</b> melting
	<b>applications</b> of mathematics		<b>arc</b> spraying
	Apollo <b>applications</b> program	plasma	<b>arc</b> spraying
Earth & Ocean Physics	<b>Applications</b> Program		<i>use</i> arc spraying
geographic	<b>applications</b> program	vacuum	<b>arc</b> switches
	<b>applications</b> programs (computers)		<b>arc</b> welding
Space Processing	<b>Applications</b> Rocket	gas tungsten	<b>arc</b> welding
	<b>Applications</b> Technology Satellites	plasma	<b>arc</b> welding
	<i>use</i> ATS		<b>Arcas</b> rocket vehicles
Snow aerial	<b>applicator</b> aircraft S-2B		<b>archaeobacteria</b>
	<i>use</i> agricultural aircraft		<b>archaeology</b>
	<b>approach</b>		<b>archaeomagnetism</b>
airborne radar	<b>approach</b>		<i>use</i> paleomagnetism
instrument	<b>approach</b>		<b>arches</b>
	<b>approach</b> and landing tests (STS)		<b>archipelagoes</b>
	<b>approach</b> control		<b>architecture</b>
radar	<b>approach</b> control	ceilings	<b>(architecture)</b>
	<b>approach</b> indicators	computer	<b>architecture</b>
aircraft	<b>approach</b> spacing		<i>use</i> architecture (computers)
	<b>appropriations</b>	service oriented	<b>architecture</b>
	<b>approximation</b>		<b>architecture</b> (computers)
Bardeen	<b>approximation</b>	pulsed	<b>arcjet</b> engines
	<i>use</i> barrier layers		<i>use</i> pulsed jet engines
	electrical properties		<b>Arcomsat</b>
	surface properties		<b>Arcon</b> rocket vehicle
Born	<b>approximation</b>		<b>arcs</b>
Born-Oppenheimer	<b>approximation</b>	auroral	<b>arcs</b>
Boussinesq	<b>approximation</b>	carbon	<b>arcs</b>
Chebyshev	<b>approximation</b>	electric	<b>arcs</b>
Eddington	<b>approximation</b>	island	<b>arcs</b>
Hartree	<b>approximation</b>	mercury	<b>arcs</b>
Hartree-Appleton	<b>approximation</b>	plasma	<b>arcs</b>
	<i>use</i> Hartree approximation		<i>use</i> plasma jets
Hartree-Fock	<b>approximation</b>	red	<b>arcs</b>
	<i>use</i> Hartree approximation		<b>Arctic</b> environments
Oseen	<b>approximation</b>		<i>use</i> ice environments
Pade	<b>approximation</b>		<b>Arctic</b> Ocean
quadrature	<b>approximation</b>		<b>Arctic</b> regions
	<i>use</i> quadratures		<b>area</b>
Sommerfeld	<b>approximation</b>	density (rate/	<b>area)</b>
WKB	<b>approximation</b>		<i>use</i> flux density
	<i>use</i> Wentzel-Kramer-Brillouin method	flux (rate per unit	<b>area)</b>
	<b>approximation</b> methods		<i>use</i> flux density
	<i>use</i> approximation	Large	<b>Area</b> Crop Inventory Experiment
	<b>apsidal</b> angles	terminal	<b>area</b> energy management
	<i>use</i> apsides	leaf	<b>area</b> index
	<b>apsides</b>		<b>area</b> navigation
	<b>APT</b> (picture transmission)	local	<b>area</b> networks
	<i>use</i> automatic picture transmission	wide	<b>area</b> networks
	<b>aptitude</b>	Gamma-ray Large	<b>Area</b> Space Telescope
	<b>Aqua</b> spacecraft		<i>use</i> Fermi Gamma-ray Space Telescope
	<b>Aquarid</b> meteoroids	Small Water Plane	<b>Area</b> Twin Hull
	<b>aquatic</b> plants		<i>use</i> SWATH (ship)
	<b>aqueous</b> solutions	variable	<b>area</b> wings
	<b>aquiculture</b>		<i>use</i> trailing edge flaps
	<b>aquifers</b>	auditory sensation	<b>areas</b>
United	<b>Arab</b> Emirates	catchment	<b>areas</b>
Saudi	<b>Arabia</b>		<i>use</i> watersheds
	<b>Arabian</b> commercial satellite	industrial	<b>areas</b>
	<i>use</i> Arcomsat	lumbering	<b>areas</b>
	<b>Arabian</b> Sea		<i>use</i> forests
Saudi	<b>Arabian</b> space program	metropolitan	<b>areas</b>
	<b>Arabsat</b>		<i>use</i> cities
	<b>aragonite</b>	residential	<b>areas</b>
IRAS-	<b>Araki-Alcock</b> comet	rural	<b>areas</b>
	<b>aramid</b> fiber composites	suburban	<b>areas</b>
	<b>aramid</b> fibers	urban	<b>areas</b>
magnetic annular	<b>arc</b>		<i>use</i> cities
	<b>arc</b> chambers	frontal	<b>areas</b> (meteorology)
	<b>arc</b> clouds		<i>use</i> fronts (meteorology)
plasma	<b>arc</b> cutting		<b>Arend-Roland</b> comet
	<b>arc</b> discharges		<b>Ares</b> 1 first stage
	<b>arc</b> generators		<b>Ares</b> 1 launch vehicle
Gerdien	<b>arc</b> heaters		<b>Ares</b> 1 upper stage
	<i>use</i> arc heating		<b>Ares</b> 5 cargo launch vehicle
	heating equipment		
	<b>arc</b> heating		
	<b>arc</b> jet engines		

- ARES** (spacecraft)  
*use* Advanced Recon Electric Spacecraft
- Argentina**  
**Argentine** space program  
**Argo** rocket vehicles  
**argon**  
solid **argon**  
*use* solidified gases  
**argon** isotopes  
**argon** lasers
- HCL **argon** lasers  
**argon**-oxygen atmospheres  
**argon** plasma  
**Argos** system  
**Argosy** MK-1 aircraft  
**arguments** (mathematics)  
*use* independent variables  
**Argus** project  
**Ariane** 4 launch vehicle  
**Ariane** 5 launch vehicle  
**Ariane** launch vehicle  
**arid** lands  
**Ariel**  
**Ariel** 1 satellite  
**Ariel** 2 satellite  
**Ariel** 3 satellite  
**Ariel** 4 satellite  
**Ariel** 5 satellite  
**Ariel** satellites  
**Aries** constellation  
**Aries** sounding rocket  
**Arietid** meteoroids  
**ARIP** (impact prediction)  
*use* computerized simulation  
impact prediction  
**ARIS** instrumentation ship  
*use* Advanced Range Instrumentation Ship
- arithmetic**  
double precision **arithmetic**  
fixed point **arithmetic**  
floating point **arithmetic**  
**arithmetic** and logic units  
**Arizona**  
**Arkansas**  
**arm** (anatomy)  
**ARMA** (mathematics)  
*use* autoregressive moving average  
**armatures**  
**armed** forces  
**armed** forces (foreign)  
**armed** forces (United States)  
light **armed** reconnaissance aircraft  
*use* COIN aircraft  
**Armenia**  
**armor**  
robot **arms**  
**arms** (robotics)  
*use* robot arms  
field **army** ballistic missiles  
**Army-Navy** instrumentation program  
**AROD** (range-orbit determination)  
*use* airborne range and orbit determination  
**aromatic** compounds  
polycyclic **aromatic** hydrocarbons  
**Aroos** meteorite  
**arousal**  
**ARPA** computer network  
**ARQ** (communication)  
*use* automatic repeat request
- large aperture seismic **array**  
Very Large **Array** (VLA)  
Very Long Baseline **Array** (VLBA)  
**arrays**  
antenna **arrays**  
endfire **arrays**  
field-programmable gate **arrays**
- focal plane **arrays**  
*use* focal plane devices  
laser **arrays**  
linear **arrays**  
multi-anode microchannel **arrays**  
multispectral linear **arrays**  
phased **arrays**  
rollup solar **arrays**  
*use* solar arrays  
solar **arrays**  
synthetic **arrays**  
systolic **arrays**  
crack **arrest**  
**arresters**  
**arresting** gear  
brakes (for **arresting** motion)  
**arrhythmia**  
**arrivals**  
Black **Arrow** launch vehicle  
*use* Black Knight rocket vehicle  
Space **Arrow** satellite  
*use* Cosmos 149 satellite  
**arrow** wings  
**arroyos**  
**arsenates**  
**arsenic**  
**arsenic** alloys  
**arsenic** compounds  
**arsenic** isotopes  
aluminum gallium **arsenide** lasers  
gallium **arsenide** lasers  
**arsenides**  
aluminum **arsenides**  
aluminum gallium **arsenides**  
gallium **arsenides**  
indium **arsenides**  
indium aluminum **arsenides**  
indium gallium **arsenides**  
**artemia**  
**arteries**  
**arterioles**  
**arteriosclerosis**  
coronary **artery** disease  
**arthritis**  
**arthropods**  
**articulation** (speech)  
**artifacts**  
**artificial** cardiac pacemaker  
**artificial** clouds  
**artificial** ears  
**artificial** gravity  
**artificial** harbors  
**artificial** heart valves  
**artificial** intelligence  
backpropagation (b) **artificial** intelligence)  
knowledge bases (b) **artificial** intelligence)  
**artificial** radiation belts  
**artificial** respiration  
*use* resuscitation  
**artificial** satellites  
**artillery**  
**artillery** fire  
**arts**  
graphic **arts**  
**Aryabhata**  
*use* Indian spacecraft  
**aryl** compounds  
*use* aromatic compounds  
**ASA**  
*use* acetylsalicylic acid  
**asbestos**  
**ascent**  
steepest **ascent** method  
*use* steepest descent method  
**ascent** propulsion systems  
Lunar Module **Ascent** Stage  
Space Shuttle **Ascent** Stage  
**ascent** trajectories  
**ascorbic** acid

- ascorbic** acid metabolism
- ASCR** reactor
  - use* advanced sodium cooled reactor
- ASDE**
  - use* airport surface detection equipment
- ASE** (aerodynamics)
  - use* aeroservoelasticity
- fly **ash**
- ashes**
- Asia**
- Southeast **Asia**
- ASIC**
  - use* application specific integrated circuits
- aspartates**
- aspartic** acid
- aspect** ratio
- high **aspect** ratio
- low **aspect** ratio
- high **aspect** ratio wings
  - use* slender wings
- low **aspect** ratio wings
- Aspergillus**
- asphalt**
- asphaltenes**
- aspheres**
  - use* aspheric optics
- aspheric** optics
- asphericity**
- asphyxia**
- aspiration**
  - use* vacuum
- ASRM** (STS)
  - use* Advanced Solid Rocket Motor (STS)
- ASROC** engine
- Assateague** Island (MD-VA)
- Black Hawk **assault** helicopter
  - use* H-60 Helicopter
- assaulting**
  - use* attacking (assaulting)
- attacking **(assaulting)**
- assaying**
- assembler** routines
- assemblies**
- swing tail **assemblies**
- tail **assemblies**
- tails **(assemblies)**
  - use* tail assemblies
- assembling**
- assembly**
- orbital **assembly**
- self **assembly**
- spacecraft orbital **assembly**
  - use* orbital assembly
- Assembly** language
- Assess** program
- damage **assessment**
- risk **assessment**
- technology **assessment**
- assessments**
- ASSET** gliders
- ASSET** project
- assignment**
  - use* allocations
- frequency **assignment**
- demand **assignment** multiple access
- assimilation**
- payload **assist** module
- gravity **assist** trajectories
  - use* swingby technique
- cockpit **assistant** systems
  - use* pilot support systems
- computer **assisted** instruction
- jet **assisted** takeoff
  - use* JATO engines
- Pilot's **Associate**
  - use* pilot support systems
- association** reactions
- associations**
  - use* organizations
- associative** memory
- associative** processing (computers)
- associative** storage
  - use* associative memory
- assumptions**
- assurance**
- Assured** Crew Return Vehicle
- astatine**
- astatine** isotopes
- ASTEC** solar turboelectric generator
- Amor **asteroid**
- Amphitrite **asteroid**
- Ceres **asteroid**
- EROS **asteroid**
- Gaspra **asteroid**
- Icarus **asteroid**
- Ida **asteroid**
- Toro **asteroid**
- Toutatis **asteroid**
- Vesta **asteroid**
- asteroid** belts
- asteroid** capture
- asteroid** collisions
- asteroid** detection
- Comet Rendezvous **Asteroid** Flyby Mission
- asteroid** missions
- Near Earth **Asteroid** Rendezvous Mission
- asteroids**
- Apollo **asteroids**
- Trojan **asteroids**
- asteroseismology**
- asthenopia**
- asthenosphere**
- asthma**
- astigmatism**
- ASTP**
  - use* Apollo Soyuz test project
- astrionics**
- Astro** missions (STS)
- Astro** vehicle
- Astrobee** 1500 rocket vehicle
- Astrobee** rocket vehicles
- astrobiology**
  - use* exobiology
- astrodynamics**
- astrography**
- Astroguide** Navigation System
- astrolabes**
- Astroloy** (trademark)
- astromasts**
  - use* longerons
- astrometry**
- Astron** thermonuclear reactor
- astronaut** locomotion
- astronaut** maneuvering equipment
- astronaut** performance
- astronaut** training
- astronautics**
- astronauts**
- astronavigation**
- astronomical** catalogs
- astronomical** coordinates
- astronomical** interferometry
- astronomical** maps
- astronomical** models
- Astronomical** Netherlands Satellite
- astronomical** observatories
- Orbiting **Astronomical** Observatory
  - use* OAO
- astronomical** photography
- astronomical** photometry
- astronomical** polarimetry
- astronomical** satellites
- astronomical** spectroscopy
- astronomical** telescopes
  - use* telescopes

- astronomy
- black holes **(astronomy)**
- CMBR **(astronomy)**  
*use* cosmic microwave background radiation
- gamma ray **astronomy**
- gamma ray sources **(astronomy)**
- infrared **astronomy**
- infrared cirrus **(astronomy)**
- infrared sources **(astronomy)**
- local group **(astronomy)**
- LTE **(astronomy)**  
*use* local thermodynamic equilibrium
- MACHOs **(astronomy)**  
*use* massive compact halo objects
- NEO **(astronomy)**  
*use* near Earth objects
- North Polar Spur **(astronomy)**
- radar **astronomy**
- radio **astronomy**
- radio jets **(astronomy)**
- radio sources **(astronomy)**
- Rhea **(astronomy)**
- seeing **(astronomy)**
- SGR **(astronomy)**  
*use* soft gamma repeaters
- sky surveys **(astronomy)**
- solar convection **(astronomy)**
- spaceborne **astronomy**
- spectral counterparts **(astronomy)**
- Stratospheric Observatory for IR **Astronomy**  
*use* SOFIA (airborne observatory)
- superhumps **(astronomy)**
- TNO **(astronomy)**  
*use* trans-Neptunian objects
- ultraviolet **astronomy**
- white holes **(astronomy)**
- WIMPs **(astronomy)**  
*use* weakly interacting massive particles
- WISE **(astronomy)**  
*use* Wide-field Infrared Survey Explorer
- x ray **astronomy**
- Radio **Astronomy** Explorer 2  
*use* Explorer 49 satellite
- Radio **Astronomy** Explorer B  
*use* Explorer 49 satellite
- Gamma Ray **Astronomy** Explorer  
*use* Explorer 11 satellite
- Radio **Astronomy** Explorer satellite
- High Energy **Astronomy** Observatories  
*use* HEAO
- High Energy **Astronomy** Observatory 1  
*use* HEAO 1
- High Energy **Astronomy** Observatory 2  
*use* HEAO 2
- High Energy **Astronomy** Observatory 3  
*use* HEAO 3
- High Energy **Astronomy** Observatory 4  
*use* HEAO 4
- High Energy **Astronomy** Observatory A  
*use* HEAO 1
- High Energy **Astronomy** Observatory B  
*use* HEAO 2
- High Energy **Astronomy** Observatory C  
*use* HEAO 3
- High Energy **Astronomy** Observatory D  
*use* HEAO 4
- Small **Astronomy** Satellite 1  
*use* SAS-1
- Small **Astronomy** Satellite 2  
*use* SAS-2
- Small **Astronomy** Satellite 3  
*use* SAS-3
- Infrared **Astronomy** Satellite
- Magellan ultraviolet **astronomy** satellite
- Submillimeter Wave **Astronomy** Satellite
- Small **Astronomy** Satellites  
*use* SAS
- astrophysics**
- computational **astrophysics**
- cooling flows **(astrophysics)**
- laboratory **astrophysics**
- missing mass **(astrophysics)**
- nuclear **astrophysics**
- Advanced X Ray **Astrophysics** Facility  
*use* X Ray Astrophysics Facility
- Chandra X Ray **Astrophysics** Facility  
*use* X Ray Astrophysics Facility
- X Ray **Astrophysics** Facility
- Astroplane**
- asymmetrical** optics  
*use* aspheric optics
- asymmetry**
- asymptotes**
- asymptotic** giant branch stars
- asymptotic** methods
- asymptotic** properties
- asymptotic** series
- asynchronous** motors
- asynchronous** transfer mode
- at High Altitude  
*use* SCATHA satellite
- ATARS**  
*use* automatic traffic advisory and resolution
- ataxia**
- ataxite**
- automated en route **ATC**
- Atchafalaya** River Basin (LA)
- atelectasis**
- ATF**  
*use* F-22 aircraft
- Athena** rocket vehicle
- atherosclerosis**  
*use* arteriosclerosis
- athletes**
- athodyds**  
*use* ramjet engines
- Atlanta** (GA)
- Atlantic** aircraft  
*use* Breguet 1150 aircraft
- Atlantic** Ocean
- Central **Atlantic** Region (US)
- Central **Atlantic** Regional Ecol Test Site
- North **Atlantic** Treaty Organization (NATO)
- GARP **Atlantic** Tropical Experiment
- Atlantis** (orbiter)
- Atlas** Able 5 launch vehicle
- Atlas** Agena B launch vehicle
- Atlas** Agena launch vehicles
- Atlas** Centaur launch vehicle
- Atlas** D ICBM
- Atlas** E ICBM
- Atlas** F ICBM
- Atlas** ICBM
- Atlas** launch vehicles
- Atlas** SLV-3 launch vehicle
- ATLIT** project
- ATM** (data transmission)  
*use* asynchronous transfer mode
- Earth **atmosphere**
- equatorial **atmosphere**
- free **atmosphere**
- inert **atmosphere**
- Jupiter **atmosphere**
- lower **atmosphere**
- lunar **atmosphere**
- Mars **atmosphere**
- Mercury **atmosphere**
- middle **atmosphere**
- midlatitude **atmosphere**
- Neptune **atmosphere**
- Pluto **atmosphere**
- primitive Earth **atmosphere**
- Saturn **atmosphere**

- solar **atmosphere**
- Titan **atmosphere**
- upper **atmosphere**
- Uranus **atmosphere**
- Venus **atmosphere**
- Atmosphere** Explorer A
  - use* Explorer 17 satellite
- Atmosphere** Explorer B
  - use* Explorer 32 satellite
- Atmosphere** Explorer C
  - use* Explorer 51 satellite
- Atmosphere** Explorer D
  - use* Explorer 54 satellite
- Atmosphere** Explorer E
  - use* Explorer 55 satellite
- Upper **Atmosphere** Research Satellite (UARS)
- window **atmosphere** sounding projectile
  - use* WASP sounding rocket
- atmospheres**
- argon-oxygen **atmospheres**
- cabin **atmospheres**
- cometary **atmospheres**
- controlled **atmospheres**
- helium hydrogen **atmospheres**
- helium-oxygen **atmospheres**
- hypobaric **atmospheres**
- neutral **atmospheres**
- nongray **atmospheres**
- planetary **atmospheres**
- reference **atmospheres**
- satellite **atmospheres**
- spacecraft cabin **atmospheres**
- standard **atmospheres**
  - use* reference atmospheres
- stellar **atmospheres**
  - Atmospheric** & Oceanographic Inform Sys
  - atmospheric** absorption
    - use* atmospheric attenuation
  - Atmospheric** and Magnetospheric Payload
    - use* AMPS (satellite payload)
  - atmospheric** attenuation
  - atmospheric** boundary layer
  - atmospheric** chemistry
  - atmospheric** circulation
  - Atmospheric** Cloud Physics Lab (Spacelab)
  - atmospheric** composition
- Lower **Atmospheric** Composition Experiment
  - use* LACATE (experiment)
  - atmospheric** conditions
    - use* meteorology
  - atmospheric** conductivity
  - atmospheric** correction
  - atmospheric** density
  - atmospheric** diffusion
  - atmospheric** effects
  - atmospheric** electricity
  - atmospheric** emission
    - use* airglow
  - atmospheric** energy sources
  - atmospheric** entry
  - atmospheric** entry simulation
  - Atmospheric** General Circulation Experiment
  - Atmospheric** General Circulation Models
  - atmospheric** heat budget
  - atmospheric** heating
  - atmospheric** impurities
    - use* air pollution
  - atmospheric** ionization
  - atmospheric** lasers
- transversely excited **atmospheric** lasers
  - use* TEA lasers
- atmospheric** loading
  - use* pollution transport
- atmospheric** models
- atmospheric** moisture
- atmospheric** noise
  - use* atmospheric
- atmospheric** optics
- atmospheric** physics
- sprites (**atmospheric** physics)
- atmospheric** pressure
- atmospheric** radiation
- atmospheric** refraction
- Global **Atmospheric** Research Program
- atmospheric** scattering
- atmospheric** seeing
  - use* seeing (astronomy)
- atmospheric** shells
  - use* atmospheric stratification
- atmospheric** sounding
- atmospheric** stratification
- atmospheric** temperature
- atmospheric** tides
- atmospheric** turbulence
- atmospheric** windows
- atmospherics**
- sudden enhancement of **atmospherics**
- atoll** reefs
  - use* coral reefs
- atolls**
- atom** concentration
- ion **atom** interactions
- embedded **atom** method
- modified embedded **atom** method
  - use* embedded atom method
- atom** optics
- atomic** batteries
  - use* radioisotope batteries
- atomic** beams
- atomic** bombs
  - use* fission weapons
- atomic** clocks
- atomic** clusters
- atomic** collisions
- atomic** energy
  - use* nuclear energy
- atomic** energy levels
- atomic** excitations
- atomic** explosions
  - use* nuclear explosions
- atomic** force microscopy
- atomic** gases
  - use* monatomic gases
- atomic** interactions
- atomic** layer deposition
  - use* atomic layer epitaxy
- atomic** layer epitaxy
- atomic** mass
  - use* atomic weights
- atomic** mobilities
- atomic** physics
- quenching (**atomic** physics)
- Enrico Fermi **atomic** power plant
- atomic** recombination
- atomic** spectra
- atomic** structure
- atomic** theory
- atomic** weights
- atomization**
  - use* atomizing
- gas **atomization**
- liquid **atomization**
- atomizers**
- atomizing**
- atoms**
- adsorbed **atoms**
  - use* adatoms
- helium **atoms**
- hot **atoms**
- hydrogen **atoms**
- metastable **atoms**
- neutral **atoms**
- nitrogen **atoms**
- oxygen **atoms**

- recoil **atoms**
- ATP**  
*use* adenosine triphosphate
- ATR-72** aircraft
- ATR** reactor  
*use* advanced test reactors
- solar **atriums**
- atrophy**
- atropine**
- ATS**
- ATS 1**
- ATS 2**
- ATS 3**
- ATS 4**
- ATS 5**
- ATS 6**
- ATS 7**
- ATS 8**
- attachment**
- electron **attachment**
- attachments**  
*use* accessories
- attack**
- angle of **attack**
- chemical **attack**
- zero angle of **attack**
- attack** aircraft
- attacking** (assaulting)
- attention**
- attenuation**
- acoustic **attenuation**
- atmospheric **attenuation**
- microwave **attenuation**
- noise **attenuation**  
*use* noise reduction
- radar **attenuation**
- radio **attenuation**
- radio signal **attenuation**  
*use* radio attenuation
- shock wave **attenuation**
- wave **attenuation**
- attenuation** coefficients
- Radio **Attenuation** Measurement project
- attenuators**
- attitude** control
- Discos (satellite **attitude** control)
- pitch **attitude** control  
*use* longitudinal control
- satellite **attitude** control
- Transit **Attitude** Control satellite
- satellite **attitude** disturbance  
*use* attitude stability  
spacecraft stability
- attitude** gyros
- attitude** (inclination)
- attitude** indicators
- helicopter **attitude** indicators  
*use* attitude indicators
- attitude** stability
- vertical **attitude** takeoff-landing aircraft  
*use* VATOL aircraft
- attraction**
- strange **attractors**
- attractors** (mathematics)
- attributes**  
*use* properties
- attrition** (materials)  
*use* comminution
- audio** data
- audio** equipment
- audio** frequencies
- audio** signals
- audio** tapes
- audio** visual equipment
- audio** visual material
- audiology**
- audiometry**
- auditory** defects
- auditory** fatigue
- auditory** perception
- auditory** sensation areas
- auditory** signals
- auditory** stimuli
- auditory** tasks
- aufeis** (ice)
- Auger** effect
- Auger** showers  
*use* cosmic ray showers
- Auger** spectroscopy
- augmentation**
- lift **augmentation**
- stability **augmentation**
- thrust **augmentation**
- jet **augmented** wing flaps  
*use* jet flaps  
wing flaps
- C-8A **augmentor** wing aircraft
- AUOS**  
*use* Automatic Universal Orbiting Stations
- Aura** spacecraft
- cardiac **auricles**
- Auriga** constellation
- Zeta **Aurigae** star
- Aurora 7**
- Imager for Magnetopause-to-**Aurora** Global Explorer
- auroral** absorption
- auroral** activity  
*use* auroras
- auroral** arcs
- auroral** echoes
- auroral** electrojets
- auroral** ionization
- auroral** irradiation
- auroral** spectroscopy
- auroral** temperature
- auroral** zones
- auroras**
- polar **auroras**  
*use* auroras
- radio **auroras**
- ausforming**
- austenite**
- austenitic** stainless steels
- Austin** comet
- Australia**
- Australian** space program
- australites**
- Austria**
- Austrian** space program
- autocatalysis**
- autoclaves**
- autoclaving**
- autocoders**
- autocollimators**  
*use* collimators
- autocorrelation**
- autodynes**
- Avian 2/180 **autogiro**
- autogyros**
- autoignition**  
*use* spontaneous combustion
- autoionization**
- autokinesis**
- cellular **automata**
- automata** theory
- automated** en route ATC
- automated** guideway transit vehicles
- automated** mixed traffic vehicles
- automated** pilot advisory system
- automated** radar terminal system
- Automated** Transfer Vehicle
- automated** transit vehicles
- automatic** control
- automatic** control valves
- automatic** data processing  
*use* data processing
- automatic** flight control

- automatic** frequency control
- automatic** gain control
- automatic** indexing
  - use* indexing (information science)
- automatic** landing control
- automatic** pattern recognition
  - use* pattern recognition
- automatic** picture transmission
- automatic** pilots
- automatic** repeat query
  - use* automatic repeat request
- automatic** repeat request
- automatic** request for retransmission
  - use* automatic repeat request
- automatic** rocket impact predictors
  - use* computerized simulation
  - impact prediction
- automatic** test equipment
- automatic** traffic advisory and resolution
- automatic** typewriters
- Automatic** Universal Orbiting Stations
- automatic** weather stations
- automation**
- office **automation**
- automobile** accidents
- automobile** engines
- automobile** fuels
- automobiles**
- electric **automobiles**
- automorphisms**
- autonomic** nervous system
- autonomous** docking
- autonomous** navigation
- autonomous** spacecraft clocks
- autonomy**
- autopilots**
  - use* automatic pilots
- autopsies**
- autoradiography**
- autoregressive** moving average
- autoregressive** processes
- autorotation**
- autotrophs**
- autumn**
- auxiliary** equipment (computers)
  - use* peripheral equipment
  - (computers)
- auxiliary** power sources
- Systems for Nuclear **Auxiliary** Power
  - use* SNAP
- chemical **auxiliary** power units
- nuclear **auxiliary** power units
- solar **auxiliary** power units
- auxiliary** propulsion
- auxins**
- AV-8A** aircraft
  - use* Harrier aircraft
- AV-8B** aircraft
  - use* Harrier aircraft
- availability**
- biological **availability**
  - use* bioavailability
- physiologic **availability**
  - use* bioavailability
- electron **avalanche**
- Townsend **avalanche**
- avalanche** diodes
- controlled **avalanche** transit time devices
  - use* CATT devices
- trapped plasma **avalanche** triggered transit
  - use* TRAPATT devices
- avalanches**
- AVCS**
  - use* Advanced Vidicon Camera System (AVCS)
- Advanced Vidicon Camera System **(AVCS)**
- average**
- autoregressive moving **average**
- Reynolds **averaging**
- Ritz **averaging** method
- AVHRR**
  - use* Advanced Very High Resolution Radiometer
- Avian** 2/180 autogiro
- aviation**
  - use* aeronautics
- civil **aviation**
- commercial **aviation**
  - use* civil aviation
  - commercial aircraft
- military **aviation**
- general **aviation** aircraft
- Sud **Aviation** aircraft
- aviation** meteorology
- aviation** psychology
- Sud **Aviation** SA-321 helicopter
  - use* SA-321 helicopter
- Sud **Aviation** SA-330 helicopter
  - use* SA-330 helicopter
- Sud **Aviation** SE-210 aircraft
  - use* SE-210 aircraft
- Sud **Aviation** SE-3160 helicopter
  - use* SE-3160 helicopter
- National **Aviation** System
- General **Aviation** Whitcomb airfoil
  - use* GAW-1 airfoil
  - GAW-2 airfoil
- aviators**
  - use* aircraft pilots
- avionics**
- Shuttle **Avionics** Integration Laboratory
  - use* SAIL project
- avoidance**
- collision **avoidance**
- obstacle **avoidance**
- vortex **avoidance**
- Beacon Collision **Avoidance** System
- AVRO** 698 aircraft
  - use* Vulcan aircraft
- AVRO** 707 aircraft
- AVRO** Whitworth HS-748 aircraft
  - use* HS-748 aircraft
- AWACS** aircraft
- awards**
- situational **awareness**
- Get **Away** Specials (STS)
- AXAF**
  - use* X Ray Astrophysics Facility
- axes** (coordinates)
  - use* coordinates
- axes** of rotation
- axes** (reference lines)
- axial** compression loads
- axial** compressors
  - use* turbocompressors
- axial** flow
- axial** flow compressors
  - use* turbocompressors
- axial** flow pumps
- axial** flow turbines
- axial** loads
- axial** modes
- axial** strain
- axial** stress
- axioms**
- aerodynamic **axis**
  - use* aerodynamic balance
- Earth **axis**
- triple **axis** spectrometers
  - use* neutron spectrometers
- three **axis** stabilization
- axisymmetric** bodies
- axisymmetric** deformation
  - use* axial strain
- axisymmetric** flow
- axisymmetry**
  - use* symmetry

- axles**  
*use* shafts (machine elements)
- axons**  
 Grand Canyon **(AZ)**  
 Phoenix **(AZ)**  
 Phoenix quadrangle **(AZ)**
- azeotropes**
- Azerbaijan**
- triaminoguanidinium **azide**  
 glycidyl **azide** polymer  
 hydrogen **azides**  
 sodium **azides**  
**azides** (inorganic)  
**azides** (organic)  
**azimuth**  
 solar **azimuth**  
*use* azimuth  
 solar position
- azines**
- azo** compounds
- azoles**
- Azores**
- Azotobacter**
- azulene**
- Azur** satellite
- B**
- AD/I **B**  
*use* Explorer 25 satellite
- Air Density/Injun Explorer **B**  
*use* Explorer 25 satellite
- Anik **B**  
*use* Anik 2
- Atmosphere Explorer **B**  
*use* Explorer 32 satellite
- BE **B**  
*use* Explorer 22 satellite
- Beacon Explorer **B**  
*use* Explorer 22 satellite
- Earth Resources Technology Satellite **B**  
*use* Landsat 2
- Energetic Particle Explorer **B**  
*use* Explorer 14 satellite
- EOS- **B**  
*use* Landsat F
- EPE- **B**  
*use* Explorer 14 satellite
- ERTS- **B**  
*use* Landsat 2
- Geostationary Operatl Environ Satellite **B**  
*use* GOES 2
- Gravity Probe **B**
- HEAO **B**  
*use* HEAO 2
- Helios **B**
- High Energy Astronomy Observatory **B**  
*use* HEAO 2
- IMP- **B**  
*use* Explorer 21 satellite
- ISIS- **B**
- Lunar Orbiter **B**  
*use* Lunar Orbiter 2
- OGO- **B**  
*use* OGO-3
- OSO- **B**  
*use* OSO-2
- Radio Astronomy Explorer **B**  
*use* Explorer 49 satellite
- RAE **B**  
*use* Explorer 49 satellite
- SIR- **B**  
*use* Shuttle Imaging Radar
- Space Shuttle mission 31- **B**
- Space Shuttle mission 41- **B**
- Space Shuttle mission 51- **B**
- Space Shuttle mission 61- **B**
- Telesat Canada **B**  
*use* Anik 2
- vitamin **B**  
*use* thiamine
- B-1** aircraft
- KIWI **B-1** Reactor
- B-2** aircraft
- vitamin **B 2**  
*use* riboflavin
- KIWI **B-4** Reactor
- vitamin **B 6**  
*use* pyridoxine
- vitamin **B 12**  
*use* cyanocobalamin
- B-26** aircraft
- B-47** aircraft
- B-50** aircraft
- B-52** aircraft
- B-57** aircraft
- B-58** aircraft
- B-66** aircraft
- B-70** aircraft
- B-103** aircraft  
*use* Buccaneer aircraft
- Blackburn **B-103** aircraft  
*use* Buccaneer aircraft
- B-A-W** devices  
*use* bulk acoustic wave devices
- vitamin **B** complex  
*use* biotin
- Atlas Agena **B** launch vehicle
- RAM **B** launch vehicle
- BOMARC **B** missile
- Agena **B** Ranger Program
- KIWI **B** reactors
- Agena **B** rocket vehicle
- AE- **B** satellite  
*use* Explorer 32 satellite
- Alouette **B** satellite
- COS- **B** satellite
- EXOS- **B** satellite
- GEOS- **B** satellite  
*use* GEOS 2 satellite
- HEOS **B** satellite
- MagSat **B** satellite
- Palapa **B** satellite  
*use* Palapa 2 satellite
- SEASAT- **B** satellite
- SIRS **B** satellite
- Gemini **B** spacecraft
- Planet- **B** spacecraft  
*use* Nozomi Mars Orbiter
- B** stars
- X-258- **B1** engine
- Y- **Ba-Cu-O** superconductors
- babbitt** metal
- baboons**
- BAC** 111 aircraft
- BAC** aircraft
- BAC** TSR 2 aircraft  
*use* TSR-2 aircraft
- Bacillus**
- back** injuries
- backfire**
- backfire** antennas
- Cosmic **Background** Explorer satellite
- high alt target and **background** measurement
- background** noise
- background** radiation
- cosmic microwave **background** radiation
- Galactic Radiation Exp **Background** sats  
*use* GREB satellites
- backings**  
*use* backups
- backlobes**
- reaction jet **backpacks**  
*use* self maneuvering units
- backpropagation** (artificial intelligence)
- Solar **Backscatter** UV Spectrometer

- backscattering**
- backshores**  
*use* beaches
- backups**
- backward** differencing
- backward** facing steps
- backward** wave tubes
- backward** waves
- backwash**
- bacteria**
- bacterial** diseases
- bactericides**
- bacteriology**
- bacteriophages**
- badlands**
- baffles**
- air **bag** restraint devices
- baggage**
- bags**
- gas **bags**
- Bahamas**
- Bahrain**
- bailout**
- bainite**
- bainitic** steel
- Baja** California  
*use* Lower California (Mexico)
- bajadas**  
*use* fans (landforms)
- Bakelite** (trademark)
- bakeout**  
*use* degassing
- Baker-Nunn** camera
- baking**
- balance**
- aerodynamic **balance**
- drag **balance**  
*use* aerodynamic balance  
lift drag ratio
- heat **balance**
- mass **balance**
- material **balance**
- trim **(balance)**  
*use* aerodynamic balance
- water **balance**
- balance** equations  
*use* equations
- balanced** amplifiers  
*use* push-pull amplifiers
- strain gage **balances**
- wind tunnel **balances**  
*use* weight indicators  
wind tunnel apparatus
- balancing**
- Baldwin-Lomax** turbulence model
- ball** bearings
- ball** lightning
- ballast**
- ballast** (mass)
- ballasts** (impedances)
- ballistic** cameras
- ballistic** missile decoys
- Ballistic** Missile Early Warning System
- ballistic** missile submarines
- ballistic** missiles
- field army **ballistic** missiles
- fleet **ballistic** missiles
- intercontinental **ballistic** missiles
- intermediate range **ballistic** missiles
- short range **ballistic** missiles
- ballistic** ranges
- ballistic** trajectories
- ballistic** vehicles
- ballistics**
- interior **ballistics**
- penetration **ballistics**  
*use* terminal ballistics
- terminal **ballistics**
- rapid **ballistics** identification
- ballistocardiography**
- balloon**-borne instruments
- balloon** flight
- balloon** sounding
- ballooning** modes
- balloons**
- constant volume **balloons**  
*use* superpressure balloons
- high altitude **balloons**
- jimsphere **balloons**
- kite **balloons**  
*use* tethered balloons
- meteorological **balloons**
- ROBIN **balloons**
- skyhook **balloons**
- superpressure **balloons**
- tethered **balloons**
- balls**
- ballutes**
- Balmer** series
- balsa**
- Baltic** sea
- Baltic** Shield (Europe)
- Banach** space
- Bloch **band**
- C **band**
- error **band**  
*use* accuracy
- K **band**  
*use* extremely high frequencies
- KA **band**  
*use* extremely high frequencies
- KU **band**  
*use* superhigh frequencies
- L **band**  
*use* ultrahigh frequencies
- P **band**
- S **band**  
*use* superhigh frequencies  
ultrahigh frequencies
- unified S **band**
- V **band**  
*use* extremely high frequencies
- X **band**  
*use* superhigh frequencies
- multispectral **band** cameras
- passive L- **band** radiometers
- band** ratioing
- multispectral **band** scanners
- band** structure of solids
- bandgap**  
*use* energy gaps (solid state)
- bandpass** filters
- bands**
- absorption **bands**  
*use* absorption spectra
- conduction **bands**
- diffuse interstellar **bands**
- energy **bands**
- forbidden **bands**
- frequency **bands**  
*use* frequencies
- Herzberg **bands**
- kink **bands**
- Luder **bands**  
*use* plastic deformation  
yield point
- photoluminescent **bands**
- Schumann-Runge **bands**
- slip **bands**  
*use* edge dislocations
- spectral **bands**
- Swan **bands**
- Vegard-Kaplan **bands**
- bandstop** filters
- bandwidth**
- bang- **bang** control  
*use* off-on control
- big **bang** cosmology

	<b>Bangladesh</b>		acid <b>base</b> equilibrium
Jodrell	<b>Bank</b> Observatory		<b>base</b> flow
	<b>banking</b> flight		<b>base</b> heating
	<i>use</i> turning flight	very long	<b>base</b> interferometry
Outer	<b>Banks</b> (NC)	data	<b>base</b> management systems
	<b>Barany</b> chair		<b>base</b> pressure
	<b>Barbados</b>	double	<b>base</b> propellants
Antigua and	<b>Barbuda</b>	double	<b>base</b> rocket propellants
	<b>barchans</b>	speech	<b>baseband</b> compression
	<i>use</i> dunes	space surveillance (ground	<b>based</b> )
	<b>Bardeen</b> approximation	rocket-	<b>based</b> combined-cycle engines
	<i>use</i> barrier layers	ground	<b>based</b> control
	electrical properties	hydrogen-	<b>based</b> energy
	surface properties	lunar	<b>based</b> equipment
	<b>Bardeen-Cooper-Schrieffer</b> theory	carbon nanotube	<b>based</b> memory
	<i>use</i> BCS theory	space	<b>based</b> radar
	<b>Barents</b> Sea	knowledge	<b>based</b> systems
	<b>barite</b>	Very Long	<b>Baseline</b> Array (VLBA)
	<b>barium</b>		<b>basements</b>
	<b>barium</b> alloys		<b>bases</b>
	<b>barium</b> compounds	aircraft	<b>bases</b>
	<b>barium</b> ferrates	<i>use</i> military air facilities	
	<b>barium</b> fluorides	data	<b>bases</b>
	<b>barium</b> ion clouds	launching	<b>bases</b>
	<b>barium</b> isotopes	lunar	<b>bases</b>
	<b>barium</b> oxides	Mars	<b>bases</b>
	<b>barium</b> sulfides	numerical data	<b>bases</b>
	<b>barium</b> titanates	planetary	<b>bases</b>
	<b>barium</b> zirconates	relational data	<b>bases</b>
	<b>Barkhausen</b> effect	Schiff	<b>bases</b>
	<b>barley</b>	<i>use</i> imines	
	<b>baroclinic</b> instability	space	<b>bases</b>
	<b>baroclinic</b> waves	knowledge	<b>bases</b> (artificial intelligence)
	<b>baroclinity</b>		<b>bases</b> (chemical)
	<b>barometers</b>		<b>bases</b> (foundations)
	<b>barometric</b> pressure		<i>use</i> foundations
	<i>use</i> atmospheric pressure		<b>BASIC</b> (programming language)
	<b>baroreceptor</b> reflexes	Kalahari	<b>Basin</b> (Africa)
	<i>use</i> baroreflexes	Chena River	<b>Basin</b> (AK)
	<b>baroreceptors</b>	Feather River	<b>Basin</b> (CA)
	<b>baroreflexes</b>	Columbia River	<b>Basin</b> (ID-OR-WA)
	<b>barotrauma</b>	Wabash River	<b>Basin</b> (IL-IN-OH)
	<b>barotropic</b> flow	Atchafalaya River	<b>Basin</b> (LA)
	<b>barotropism</b>	Susquehanna River	<b>Basin</b> (MD-NY-PA)
	<b>barrages</b>	Williston	<b>Basin</b> (North America)
	<b>barred</b> galaxies	Lake Champlain	<b>Basin</b> (NY-VT)
	<b>barrels</b>	Delaware River	<b>Basin</b> (US)
	<b>barrels</b> (containers)	Great	<b>Basin</b> (US)
	<b>barren</b> land	Missouri River	<b>Basin</b> (US)
	<b>barrens</b>		<b>basins</b>
	<i>use</i> barren land		<i>use</i> structural basins
	<b>barricades</b>	closed	<b>basins</b>
	<i>use</i> barriers		<i>use</i> structural basins
blood-brain	<b>barrier</b>	river	<b>basins</b>
sound	<b>barrier</b>	structural	<b>basins</b>
	<i>use</i> acoustic velocity		<b>basins</b> (containers)
vapor	<b>barrier</b> clothing		<b>baskets</b>
Schottky	<b>barrier</b> diodes		<b>bastnasite</b>
	<i>use</i> Schottky diodes		<b>batch</b> processing
	<b>barrier</b> injection transit time diodes		<b>bathing</b>
	<i>use</i> Barritt diodes		<b>batholiths</b>
	<b>barrier</b> layers		<b>baths</b>
metal-	<b>barrier</b> -metal junctions	salt	<b>baths</b>
	<b>barriers</b>		<b>bathymeters</b>
electrode film	<b>barriers</b>		<b>bathymetry</b>
fences	<b>(barriers)</b>		<i>use</i> bathymeters
	<b>barriers</b> (landforms)		<b>bathythermographs</b>
thermal	<b>barriers</b> (plasma control)		<b>bats</b>
	<b>Barritt</b> diodes		<b>batteries</b>
	<b>bars</b>		<i>use</i> electric batteries
elastic	<b>bars</b>	alkaline	<b>batteries</b>
prismatic	<b>bars</b>	atomic	<b>batteries</b>
	<b>bars</b> (landforms)		<i>use</i> radioisotope batteries
	<b>barycenter</b>	cadmium nickel	<b>batteries</b>
	<i>use</i> center of gravity		<i>use</i> nickel cadmium batteries
	<b>baryon</b> resonance	cadmium silver	<b>batteries</b>
	<b>baryons</b>		<i>use</i> silver cadmium batteries
	<b>basalt</b>	electric	<b>batteries</b>
Lewis	<b>base</b>	lead acid	<b>batteries</b>

batteries

lithium **batteries**  
 lithium sulfur **batteries**  
 metal air **batteries**  
 nickel cadmium **batteries**  
 nickel hydrogen **batteries**  
 nickel iron **batteries**  
 nickel zinc **batteries**  
   primary **batteries**  
 radioisotope **batteries**  
   secondary **batteries**  
     *use* storage batteries  
 silver cadmium **batteries**  
 silver hydrogen **batteries**  
 silver oxide zinc **batteries**  
   *use* silver zinc batteries  
   silver zinc **batteries**  
   sodium sulfur **batteries**  
     storage **batteries**  
     thermal **batteries**  
   zinc nickel **batteries**  
     *use* nickel zinc batteries  
   zinc silver **batteries**  
     *use* silver zinc batteries  
 zinc silver oxide **batteries**  
   *use* silver zinc batteries  
 zinc-bromide **batteries**  
 zinc-chlorine **batteries**  
 zinc-oxygen **batteries**  
   **battery** chargers  
   **battery** separators  
     *use* separators  
   **Bauschinger** effect  
   **bauxite**  
   Monterey **Bay** (CA)  
   San Francisco **Bay** (CA)  
   San Pablo **Bay** (CA)  
   Hudson **Bay** (Canada)  
   **bay** ice  
   Saginaw **Bay** (MI)  
   Chesapeake **Bay** (US)  
   Delaware **Bay** (US)  
   **Bayard-Alpert** ionization gages  
   **Bayes** theorem  
   **Bayesian** belief networks  
     *use* belief networks  
   **Bayesian** statistics  
     *use* Bayes theorem  
   **bayous**  
   **bays**  
   **bays** (structural units)  
   **bays** (topographic features)  
   **BBGKY** hierarchy  
   **BCAS**  
     *use* Beacon Collision Avoidance System  
   **BCC** lattices  
     *use* body centered cubic lattices  
   **BCH** codes  
   **BCS** theory  
   **BE-3** engine  
   **BE A**  
     *use* Beacon Explorer A  
   **BE B**  
     *use* Explorer 22 satellite  
   **BE C**  
     *use* Explorer 27 satellite  
   **beaches**  
 polar ionosphere **beacon**  
   *use* Beacon satellites  
   **Beacon** Collision Avoidance System  
   **Beacon** Explorer A  
   **Beacon** Explorer B  
     *use* Explorer 22 satellite  
   **Beacon** Explorer C  
     *use* Explorer 27 satellite  
   orbiting radio **beacon** ionospheric sounder  
     *use* ORBIS  
   **Beacon** satellites  
 discrete address **beacon** system

**beacons**  
 airport **beacons**  
 racon **beacons**  
   *use* radar beacons  
 radar **beacons**  
 radio **beacons**  
   **beads**  
   **Beagle** aircraft  
   **beam** currents  
   laser **beam** defocusing  
     *use* thermal blooming  
   molecular **beam** epitaxy  
   **beam** forming  
     *use* beamforming  
   **beam** injection  
   **beam** interactions  
   multiple **beam** interval scanners  
 microwave scanning **beam** landing system  
   **beam** leads  
   **beam** neutralization  
   **beam** plasma amplifiers  
   high flux **beam** reactors  
   **beam** rider guidance  
   **beam** splitters  
   **beam** steering  
   **beam** switching  
   Euler-Bernoulli **beam** theory  
     *use* Euler-Bernoulli beams  
   return **beam** vidicons  
   **beam** waveguides  
   electron **beam** welding  
   **beamed** power  
     *use* power beaming  
   **beamforming**  
     laser power **beaming**  
     microwave power **beaming**  
     power **beaming**  
   **beams**  
   atomic **beams**  
   box **beams**  
   cantilever **beams**  
   curved **beams**  
   electron **beams**  
   Euler-Bernoulli **beams**  
   gamma ray **beams**  
   **I** **beams**  
   ion **beams**  
   laser **beams**  
   light **beams**  
   molecular **beams**  
   neutral **beams**  
   neutrino **beams**  
   neutron **beams**  
   particle **beams**  
   pencil **beams**  
   phonon **beams**  
   photon **beams**  
   pion **beams**  
   proton **beams**  
   radar **beams**  
   rectangular **beams**  
   relativistic electron **beams**  
   structural **beams**  
     *use* beams (supports)  
   Timoshenko **beams**  
   **beams** (radiation)  
   **beams** (supports)  
   **beamshaping**  
     *use* beamforming  
   **bearing**  
   **bearing** alloys  
   **bearing** (direction)  
   **bearingless** rotors  
   **bearings**  
   air **bearings**  
     *use* gas bearings  
   antifriction **bearings**  
   ball **bearings**  
   foil **bearings**

gas	<b>bearings</b>	proton	<b>belts</b>
gas lubricated	<b>bearings</b> <i>use</i> gas bearings	radiation	<b>belts</b>
journal	<b>bearings</b>	Rouse	<b>belts</b>
liquid	<b>bearings</b>	seat	<b>belts</b>
magnetic	<b>bearings</b>	Van Allen radiation	<b>belts</b> <i>use</i> radiation belts
needle	<b>bearings</b>		<b>Benard</b> cells
roller	<b>bearings</b>	Rayleigh-	<b>Benard</b> convection
thrust	<b>bearings</b>		<b>benches</b> <i>use</i> seats
	<b>bears</b>		<b>bend</b> tests
	<b>beat</b> <i>use</i> synchronism		<b>bending</b>
	<b>beat</b> frequencies	brakes (forming or	<b>bending</b> )
	<b>Beaufort</b> Sea (North America)	elastic	<b>bending</b>
DHC	<b>Beaver</b> aircraft <i>use</i> DHC 2 aircraft		<b>bending</b> diagrams
fluidized	<b>bed</b> processors		<b>bending</b> fatigue
pebble	<b>bed</b> reactors		<b>bending</b> moments
	<b>bed</b> rest		<b>bending</b> strength <i>use</i> flexural strength
	<b>bedding</b> equipment		<b>bending</b> theory
	<b>bediasites</b>		<b>bending</b> vibration
	<b>bedrock</b>	U	<b>bends</b>
	<b>beds</b>		<b>bends</b> (physiology) <i>use</i> decompression sickness
lake	<b>beds</b> <i>use</i> beds (geology)		<b>beneficiation</b>
salt	<b>beds</b>	cost	<b>benefit</b> analysis <i>use</i> cost analysis cost effectiveness
test	<b>beds</b> <i>use</i> test stands		<b>Benin</b>
	<b>beds</b> (geology)		<b>bentonite</b>
	<b>beds</b> (process engineering)		<b>benzene</b>
Flying	<b>Bedstead</b> aircraft <i>use</i> flying platforms		<b>benzene</b> poisoning
	<b>Beech</b> 99 aircraft		<b>benzilic</b> acid
	<b>Beech</b> aircraft <i>use</i> Beechcraft aircraft		<b>benzoic</b> acid
	<b>Beech</b> C-33 aircraft <i>use</i> C-33 aircraft		<b>benzoquinone</b> <i>use</i> quinones
	<b>Beech</b> S-35 aircraft <i>use</i> C-35 aircraft		<b>Berenice</b> rocket vehicle
	<b>Beechcraft</b> 18 aircraft		<b>Bergman</b> operator
	<b>Beechcraft</b> aircraft		<b>Bering</b> Sea
	<b>Beer</b> law		<b>berkelium</b>
	<b>bees</b>		<b>Bermuda</b>
	<b>beetles</b>	Euler-	<b>Bernoulli</b> beam theory <i>use</i> Euler-Bernoulli beams
sugar	<b>beets</b>	Euler-	<b>Bernoulli</b> beams
	<b>behavior</b>		<b>Bernoulli</b> equation <i>use</i> Bernoulli theorem
group	<b>behavior</b> <i>use</i> group dynamics		<b>Bernoulli</b> theorem
human	<b>behavior</b>		<b>Bernstein</b> energy principle
Integ Med and	<b>Behavioral</b> Lab Measur System <i>use</i> IMBLMS		<b>beryl</b>
human	<b>beings</b>		<b>beryllium</b>
	<b>Belarus</b>		<b>beryllium</b> 7
	<b>Belfast</b> aircraft <i>use</i> SC-5 aircraft		<b>beryllium</b> 9
Short	<b>Belfast</b> C MK-1 aircraft <i>use</i> SC-5 aircraft		<b>beryllium</b> 10
	<b>Belgian</b> Congo <i>use</i> Democratic Republic of Congo		<b>beryllium</b> alloys
	<b>Belgian</b> space program		<b>beryllium</b> borohydrides
	<b>Belgium</b>		<b>beryllium</b> chlorides
	<b>belief</b> networks		<b>beryllium</b> compounds
Bayesian	<b>belief</b> networks <i>use</i> belief networks		<b>beryllium</b> fluorides
	<b>Belize</b>		<b>beryllium</b> hydrides
	<b>Bell</b> 214A helicopter		<b>beryllium</b> isotopes
	<b>Bell</b> aircraft		<b>beryllium</b> nitrides
	<b>Bellman</b> theory		<b>beryllium</b> oxides
	<b>bellows</b>		<b>beryllium</b> poisoning
	<b>bells</b>		<b>BESS</b> (satellite)
inner radiation	<b>belt</b>		<b>Bessel-Bredichin</b> theory
Kuiper	<b>belt</b>		<b>Bessel</b> functions
outer radiation	<b>belt</b>	Fourier-	<b>Bessel</b> transformations
terrestrial dust	<b>belt</b>		<b>beta</b> factor
Stokes-	<b>Beltrami</b> equation		<b>beta</b> interactions <i>use</i> weak interactions (field theory)
	<b>Beltrami</b> flow	H	<b>beta</b> line
	<b>belts</b>		<b>beta</b> particles
artificial radiation	<b>belts</b>	Lyman	<b>beta</b> radiation
asteroid	<b>belts</b>		<b>betaines</b>
			<b>betatrons</b>
			<b>Bethe-Heitler</b> formula
			<b>Bethe-Salpeter</b> equation
		mean time	<b>between</b> failures <i>use</i> MTBF

	<b>bevatron</b>		<b>biocontrol</b> systems
	<b>bevel</b> gears		<b>bioconversion</b>
spiral	<b>bevel</b> gears		<b>biodegradability</b>
	<b>beverages</b>		<b>biodegradation</b>
	<b>BGK</b> model		<b>biodiversity</b>
	<b>Bhatnagar</b> -Grass-Krook model		<i>use</i> biological diversity
	<i>use</i> BGK model		<b>biodynamics</b>
	<b>Bhutan</b>		<b>bioelectric</b> potential
	<b>Bi-Sr-Ca-Cu-O</b> superconductors		<b>bioelectricity</b>
	<i>use</i> BSCCO superconductors		<b>bioengineering</b>
	<b>bias</b>		<b>biofeedback</b>
response	<b>bias</b>		<b>biofilms</b>
	<b>bibliographies</b>		<b>bioflavonoids</b>
	<b>bicarbonates</b>		<b>biogenesis</b>
	<i>use</i> carbonates		<i>use</i> biological evolution
	<b>bicrystals</b>		<b>biogeny</b>
	<b>bicycle</b>		<b>biogeochemistry</b>
	<b>bidirectional</b> reflectance		<b>biography</b>
quasi-	<b>biennial</b> oscillation		<b>biohazards</b>
Van	<b>Biesbroeck</b> star		<i>use</i> biological hazards
	<b>bifurcation</b> (biology)		<b>bioinstrumentation</b>
	<b>bifurcation</b> (mathematics)		<b>biological</b>
	<i>use</i> branching (mathematics)	body temperature (non-	<i>use</i> temperature
	<b>big</b> bang cosmology	cellular materials (non	<b>biological</b>
	<b>Bighorn</b> Mountains (MT-WY)	<i>use</i> foams	<i>use</i> foams
	<b>bights</b>	skin temperature (non-	<b>biological</b>
	<i>use</i> bays (topographic features)		<b>biological</b> activity
	<b>biharmonic</b> equations		<i>use</i> activity (biology)
	<b>billets</b>		<b>biological</b> analysis
	<b>bimetals</b>		<i>use</i> bioassay
	<b>bimetric</b> theories		<b>biological</b> availability
x ray	<b>binaries</b>		<i>use</i> bioavailability
	<b>binary</b> alloys		<b>biological</b> cells
	<b>binary</b> codes		<i>use</i> cells (biology)
decimal to	<b>binary</b> converters		<b>biological</b> clocks
	<b>binary</b> data		<i>use</i> rhythm (biology)
	<b>binary</b> digits		<b>biological</b> diversity
	<b>binary</b> fluids	relative	<b>biological</b> effectiveness (RBE)
	<b>binary</b> integration		<b>biological</b> effects
	<b>binary</b> mixtures		<b>biological</b> evolution
	<b>binary</b> phase shift keying		<b>biological</b> hazards
	<b>binary</b> stars		<b>biological</b> markers
eclipsing	<b>binary</b> stars		<i>use</i> biomarkers
	<b>binary</b> summatoms		<b>biological</b> models
	<i>use</i> adding circuits		<i>use</i> bionics
	<b>binary</b> systems (digital)		<b>biological</b> models (mathematics)
	<i>use</i> digital systems		<b>biological</b> rhythm
	<b>binary</b> systems (materials)		<i>use</i> rhythm (biology)
	<b>binary</b> to decimal converters		<b>biological</b> warfare agents
	<b>binaural</b> hearing		<i>use</i> biological weapons
propellant	<b>binders</b>		<b>biological</b> weapons
solid rocket	<b>binders</b>		<b>biology</b>
	<b>binders</b> (adhesives)	activation	<b>(biology)</b>
	<i>use</i> adhesives	activity	<b>(biology)</b>
	<b>binders</b> (materials)	activity cycles	<b>(biology)</b>
	<b>binding</b>	aging	<b>(biology)</b>
	<b>binding</b> energy	bifurcation	<b>(biology)</b>
gravitational	<b>binding</b> energy	body composition	<b>(biology)</b>
nuclear	<b>binding</b> energy	body measurement	<b>(biology)</b>
	<b>binding</b> sites	body size	<b>(biology)</b>
	<i>use</i> active sites (chemistry)	body volume	<b>(biology)</b>
	<b>binocular</b> vision	cell membranes	<b>(biology)</b>
	<b>binoculars</b>	cells	<b>(biology)</b>
	<b>binomial</b> coefficients	cloning	<b>(biology)</b>
	<b>binomial</b> theorem	complement	<b>(biology)</b>
	<b>binomials</b>	desynchronization	<b>(biology)</b>
	<b>bioacoustics</b>	differentiation	<b>(biology)</b>
	<b>bioassay</b>	fatigue	<b>(biology)</b>
	<b>Bioastronautical</b> Orbital Space System	flight stress	<b>(biology)</b>
	<b>bioastronautics</b>	fluid shifts	<b>(biology)</b>
	<b>bioavailability</b>	hybrids	<b>(biology)</b>
	<b>biochemical</b> fuel cells		<i>use</i> genetic engineering
	<b>biochemical</b> oxygen demand	implanted electrodes	<b>(biology)</b>
	<b>biochemistry</b>	information processing	<b>(biology)</b>
AMP	<b>(biochemistry)</b>	ingestion	<b>(biology)</b>
	<i>use</i> adenosine monophosphate	ion channels	<b>(biology)</b>
	<b>bioclimatology</b>	life	<b>(biology)</b>
	<i>use</i> biometeorology		<i>use</i> life sciences
	<b>biocompatibility</b>	marine	<b>biology</b>

- molecular **biology**
- motor systems **(biology)**  
*use* efferent nervous systems
- periodicity **(biology)**  
*use* rhythm (biology)
- potassium channels **(biology)**  
*use* ion channels (biology)
- regulatory mechanisms **(biology)**
- reproduction **(biology)**
- rhythm **(biology)**
- skin temperature **(biology)**
- sodium channels **(biology)**  
*use* ion channels (biology)
- space **biology**  
*use* exobiology
- stress **(biology)**
- tissues **(biology)**  
**bioluminescence**  
**biomagnetism**  
**biomarkers**  
**biomass**  
**biomass** burning  
**biomass** energy production  
**biomechanics**  
*use* biodynamics  
**biomedical** data  
**Biomedical** Experiment Scientific Satellite  
*use* BESS (satellite)  
**biometeorology**  
**biometrics**  
**biomimetics**  
**bionics**  
**biopaks**  
**biophysics**  
**biopolymer** denaturation  
**biopolymers**  
denaturation **(biopolymers)**  
*use* biopolymer denaturation  
**bioprocessing**  
**bioreactors**  
**bioregeneration**  
*use* regeneration (physiology)  
**bioregenerative** life support systems  
*use* closed ecological systems  
**biorhythms**  
*use* rhythm (biology)  
**BIOS** project  
**Biosatellite 1**  
**Biosatellite 2**  
**Biosatellite 3**  
**biosatellites**  
**biosensors**  
*use* bioinstrumentation  
**biosimulation**  
*use* bionics  
**biosphere**  
International Geosphere-**Biosphere** program  
**biosynthesis**  
**Biot** method  
**Biot** number  
**Biot-Savart** law  
**biotechnology**  
**biotelemetry**  
**biotin**  
**biotite**  
**biphase** shift keying  
*use* binary phase shift keying
- polybrominated **biphenyls**
- polychlorinated **biphenyls**  
**biplanes**  
**bipolar** transistors  
**bipolarity**  
**bipropellants**  
*use* liquid rocket propellants  
**bird-aircraft** collisions  
Early **Bird** satellites  
**birds**  
**birefringence**
- birefringent** coatings
- birefringent** filters
- Birkeland** currents
- birth**
- bismaleimide**
- bismuth**  
**bismuth 205**  
*use* bismuth isotopes
- bismuth** alloys
- bismuth** compounds
- bismuth** isotopes
- bismuth** oxides
- bismuth** sulfides
- bismuth** tellurides
- bisphenols**
- optical **bistability**  
**bistable** amplifiers  
*use* flip-flops  
**bistable** circuits  
**bistatic** radar  
*use* multistatic radar  
**bistatic** reflectivity  
**bit** error rate  
**bit** synchronization  
**biternary** code  
**bits**
- drill **bits**  
**bitumens**  
**bivariate** analysis  
**BL** Lacertae objects
- platinum **black**  
**black** and white photography  
**Black** Arrow launch vehicle  
*use* Black Knight rocket vehicle  
**black** body radiation  
**Black** Brant 1 sounding rocket  
**Black** Brant 2 sounding rocket  
**Black** Brant 3 sounding rocket  
**Black** Brant 4 sounding rocket  
**Black** Brant 5 sounding rocket  
**Black** Brant sounding rockets  
**Black** Hawk assault helicopter  
*use* H-60 Helicopter  
**Black** Hills (SD-WY)  
**black** holes (astronomy)  
**Black** Knight rocket vehicle  
**Black** Sea  
**black** smokers (oceanography)  
*use* submarine hydrothermal vents  
**Blackbird** aircraft  
*use* SR-71 aircraft  
**Blackburn** B-103 aircraft  
*use* Buccaneer aircraft  
**blackout**
- ionospheric **blackout**  
*use* blackout (propagation)
- polar radio **blackout**  
**blackout** (physiology)  
**blackout** prevention  
**blackout** (propagation)  
**bladder**
- expulsion **bladders**  
**bladders** (mechanics)  
*use* diaphragms (mechanics)
- vortex- **blade** interaction  
*use* blade-vortex interaction  
**blade** slap  
*use* blade-vortex interaction  
**blade** slap noise  
**blade** tips  
**blade-vortex** interaction  
**blades**
- compressor **blades**  
fan **blades**
- hinged rotor **blades**  
*use* hinges  
rotary wings
- impeller **blades**  
*use* rotor blades (turbomachinery)

blades

- propeller **blades**
- razor **blades**
- rotor **blades**
- stator **blades**
- turbine **blades**
- turbomachine **blades**
  - blades** (cutters)
  - rotor **blades** (turbomachinery)
- blankets**
- solar **blankets**
  - blankets** (fission reactors)
  - blankets** (fusion reactors)
  - blanking**
  - blanking** (cutting)
  - blanks**
  - Blasius** equation
  - Blasius** flow
  - blast** deflectors
  - jet **blast** effects
  - blast** loads
  - post-**blast** nuclear radiation
  - blastoff**
    - use* rocket launching
  - blasts**
    - use* aerial explosions
  - Blattidae**
    - use* cockroaches
  - blazars**
  - bleaching**
  - bleed-off**
    - use* pressure reduction
  - bleeding**
  - blended-wing-body** configurations
  - blended-wing-fuselage**
    - use* blended-wing-body configurations
  - blends**
    - use* mixtures
- polymer **blends**
- blight**
- blind** landing
- blindness**
- flash **blindness**
- blinds**
- blinking**
- blisters**
- Bloch** band
- Ranger **block** 3 television system
- block** copolymers
- block** diagrams
- Block** Island Sound (RI)
- multiple **blocked** grids
  - use* multiblock grids
- blocking**
- cholinergic **blocking** agents
  - use* anticholinergics
- blocks**
- Langmuir-**Blodgett** films
- bloedite**
- blood**
- corpuscles **(blood)**
  - use* blood cells
  - blood-brain** barrier
  - blood** cell count
  - blood** cells
  - red **blood** cells
    - use* erythrocytes
  - white **blood** cells
    - use* leukocytes
  - blood** circulation
  - blood** coagulation
  - blood** flow
  - blood** groups
  - blood** plasma
  - blood** pressure
  - blood** pumps
  - blood** serum
  - blood** vessels
- blood** volume
- cold **blooded** animals
  - use* poikilothermia
- warm **blooded** animals
  - use* homeotherms
- algal **bloom**
  - use* algae
- plankton **bloom**
  - use* plankton
- thermal **blooming**
- blowdown** wind tunnels
- blowers**
- blowing**
- spanwise **blowing**
- tangential **blowing**
- under surface **blowing**
- upper surface **blowing**
- blown** flaps
  - use* externally blown flaps
- externally **blown** flaps
- upper surface **blown** flaps
- blowoff** (combustion)
  - use* flameout
- blowouts**
- methylene **blue**
  - Blue** Goose missile
  - blue** green algae
  - Blue** Scout rocket vehicle
  - blue** shift
  - blue** stars
  - Blue** Steel missile
  - Blue** Streak launch vehicle
  - Blue** Streak missile
  - blueprints**
  - bluff** bodies
  - bluffs** (landforms)
    - use* cliffs
  - blunt** bodies
  - blunt** leading edges
  - blunt** trailing edges
  - blurring**
  - BMC**
    - use* bone mineral content
  - BMEWS**
    - use* Ballistic Missile Early Warning System
  - BO-105** helicopter
  - circuit **boards**
  - computer bulletin **boards**
    - use* electronic bulletin boards
  - control **boards**
  - electronic bulletin **boards**
  - boards** (paper)
  - boats**
  - hydrofoil **boats**
    - use* hydrofoil craft
  - boattails**
  - BOD**
    - use* biochemical oxygen demand
  - Karman-**Bodewadt** flow
  - bodies**
  - axisymmetric **bodies**
    - bluff **bodies**
    - blunt **bodies**
    - celestial **bodies**
    - conical **bodies**
    - cylindrical **bodies**
    - ducted **bodies**
    - elastic **bodies**
    - finned **bodies**
    - flared **bodies**
    - flexible **bodies**
    - foreign **bodies**
    - hemisphere cylinder **bodies**
    - inelastic **bodies**
      - use* rigid structures
    - lenticular **bodies**
    - lifting **bodies**
    - maneuverable reentry **bodies**

- Maxwell **bodies**
  - meteorite parent **bodies**
  - meteoroid parent **bodies**
    - use* meteorite parent bodies
  - missile **bodies**
  - parabolic **bodies**
  - plastic **bodies**
  - power law **bodies**
  - pyramidal **bodies**
  - reentry **bodies**
    - use* reentry vehicles
  - rigid **bodies**
    - use* rigid structures
  - rotating **bodies**
  - shrouded **bodies**
    - use* shrouds
  - slender **bodies**
  - streamlined **bodies**
  - submerged **bodies**
  - symmetrical **bodies**
  - thin **bodies**
  - three dimensional **bodies**
  - towed **bodies**
  - two dimensional **bodies**
    - bodies** of revolution
  - carotid sinus **body**
    - human **body**
    - M-2 lifting **body**
    - M-2F2 lifting **body**
    - M-2F3 lifting **body**
    - Mark 1 reentry **body**
    - Mark 2 reentry **body**
    - Mark 3 reentry **body**
    - Mark 4 reentry **body**
    - Mark 5 reentry **body**
    - Mark 6 reentry **body**
    - Mark 11 reentry **body**
    - Mark 12 reentry **body**
    - Mark 17 reentry **body**
      - wing-**body** and tail configurations
        - use* body-wing and tail configurations
      - body** centered cubic lattices
      - body** composition (biology)
  - blended-wing-**body** configurations
  - wing-**body** configurations
    - use* body-wing configurations
  - body** fluids
  - rotor **body** interactions
  - body** kinematics
  - body** measurement (biology)
  - lower **body** negative pressure
  - two **body** orbits
    - use* two body problem
  - four **body** problem
  - many **body** problem
  - N-**body** problem
    - use* many body problem
  - three **body** problem
  - two **body** problem
  - black **body** radiation
  - body** size (biology)
  - body** sway test
  - body** temperature
  - body** temperature (non-biological)
    - use* temperature
  - body** temperature regulation
    - use* thermoregulation
  - body** volume (biology)
  - body** weight
  - body-wing** and tail configurations
  - body-wing** configurations
  - Boeing** 707 aircraft
  - Boeing** 717 aircraft
  - Boeing** 720 aircraft
  - Boeing** 727 aircraft
  - Boeing** 733 aircraft
  - Boeing** 737 aircraft
  - Boeing** 747 aircraft
- Boeing** 747B aircraft
  - use* E-4A aircraft
- Boeing** 757 aircraft
- Boeing** 767 aircraft
- Boeing** 777 aircraft
- Boeing** 2707 aircraft
- Boeing** aircraft
- Bogoliubov** theory
- bogs**
  - use* marshlands
- Bohr** magneton
- Bohr** theory
- bohrium**
- boiler** plate
- Los Alamos Water **Boiler** Reactor
- boilers**
- boiling**
- film **boiling**
- nucleate **boiling**
- Halden **Boiling** Water Reactor
- boiling** water reactors
- experimental **boiling** water reactors
- Cold **Bokkeveld** meteorite
- bolides**
- Bolivia**
- Bolkow** aircraft
- boll** weevils
- bollworms**
- bolograms**
  - use* bolometers
- bolometers**
- bolted** joints
- bolts**
- rock **bolts**
- Maxwell-**Boltzmann** density function
- Boltzmann** distribution
- Stefan-**Boltzmann** law
- Boltzmann** transport equation
- Boltzmann-Vlasov** equation
- Bolza** problems
- BOMARC** A missile
- BOMARC** B missile
- BOMARC** missiles
- bomb** calorimeters
- bombardment**
- electron **bombardment**
- Canberra **bomber**
  - use* B-57 aircraft
- Shackleton **bomber**
- stealth **bomber**
  - use* B-2 aircraft
- bomber** aircraft
- bombing** equipment
- bombs**
- atomic **bombs**
  - use* fission weapons
- hydrogen **bombs**
  - use* fusion weapons
- bombs** (ordnance)
- bombs** (pressure gages)
  - use* pressure gages
- bombs** (samplers)
  - use* samplers
- Bonanza** aircraft
  - use* C-35 aircraft
- bond** graphs
- Bond** number
- Fokker **bond** testers
  - use* adhesion tests
- bonded** joints
- case **bonded** propellants
- bonding**
- adhesive **bonding**
- ceramic **bonding**
- diffusion **bonding**
  - use* diffusion welding
- electrostatic **bonding**
- inertia **bonding**
- metal **bonding**

## bonding

- metal-metal **bonding**
- reaction **bonding**
- resin **bonding**
- bondlines**
  - use* bonded joints
- Bondoc** meteorite
- chemical **bonds**
- covalent **bonds**
- hydrogen **bonds**
- molecular **bonds**
  - use* chemical bonds
- bone** demineralization
- bone** density
  - use* bone mineral content
- bone** formation
  - use* osteogenesis
- bone** marrow
- bone** mineral content
- bones**
- Bonne** projection
- Boolean** algebra
- Boolean** functions
- boom**
- sonic **booms**
- booms** (equipment)
- boost**
  - use* acceleration (physics)
- apogee **boost** motors
- post **boost** propulsion system
- Pegasus air-launched **booster**
  - booster** recovery
  - booster** rocket engines
- Nike **booster** rocket engines
  - booster** rockets
- boosters**
- air breathing **boosters**
- rocket **boosters**
  - use* booster rocket engines
- Shuttle **Boosters**
  - use* Space Shuttle Boosters
- Space Shuttle **Boosters**
- SRB (Solid Rocket **Boosters**)
  - use* Space Shuttle Boosters
- Solid Rocket **Boosters** (explosives)
  - use* Space Shuttle Boosters
- boostglide** vehicles
- boots** (footwear)
- Hale-**Bopp** comet
- Boral**
- hydrazine **borane**
- boranes**
- borates**
- lithium **borates**
- Borazon** (trademark)
  - use* boron nitrides
- borders**
- Bordoni** peaks
- Corona **Borealis** constellation
- R Coronae **Borealis** stars
- boredom**
- boreholes**
- Borel** sets
- bores**
  - use* cavities
- borescopes**
  - use* endoscopes
- boresight** error
- boresights**
- boric** acids
- borides**
- chromium **borides**
- titanium **borides**
- boring** machines
- Born** approximation
- Born-Infeld** theory
- Born-Mayer** equation
  - use* Born approximation
- Born-Oppenheimer** approximation
- balloon-**borne** instruments
- rocket-**borne** instruments
- satellite-**borne** instruments
- rocket-**borne** photography
- satellite-**borne** photography
- satellite-**borne** radar
- borohydrides**
- aluminum **borohydrides**
- beryllium **borohydrides**
- boron**
- boron** 10
- boron** alloys
- boron** carbides
- boron** chlorides
- aluminum **boron** composites
- boron** compounds
- organic **boron** compounds
  - boron**-epoxy composites
  - boron** fibers
  - boron** fluorides
  - boron** hydrides
  - boron** isotopes
  - boron** nitrides
  - boron** oxides
  - boron** phosphides
  - boron** reinforced materials
  - boron** trifluoride
    - use* boron fluorides
- borosilicate** glass
- Borsic** (tradename)
- Bose**-Chaudhuri-Hocquenghem codes
  - use* BCH codes
- Bose**-Einstein condensates
- Bose**-Einstein statistics
  - use* quantum statistics
- Bose** geometry
- Bosnia**
  - use* Bosnia and Herzegovina
- Bosnia** and Herzegovina
- boson** fields
- bosons**
- Higgs **bosons**
- botany**
- brush **(botany)**
- cortexes **(botany)**
- plants **(botany)**
- rusts **(botany)**
  - use* rust fungi
- scrubs **(botany)**
  - use* brush (botany)
- seedlings **(botany)**
- Botswana**
- bottles**
- ocean **bottom**
- Clostridium **botulinum**
- Bouguer** law
- boules**
- boundaries**
- antiphase **boundaries**
- fluid **boundaries**
- free **boundaries**
- grain **boundaries**
- jet **boundaries**
- core-mantle **boundary**
- Cretaceous-Tertiary **boundary**
  - K-T **boundary**
    - use* Cretaceous-Tertiary boundary
  - boundary** conditions
  - boundary** detection (imagery)
    - use* edge detection
  - boundary** element method
  - boundary** integral method
- atmospheric **boundary** layer
  - boundary** layer combustion
- compressible **boundary** layer
  - boundary** layer control
- porous **boundary** layer control
  - boundary** layer equations
  - boundary** layer flow

- hypersonic **boundary** layer  
incompressible **boundary** layer  
laminar **boundary** layer  
**boundary** layer noise  
*use* aerodynamic noise  
boundary layers  
planetary **boundary** layer  
**boundary** layer plasmas  
**boundary** layer separation  
laminar **boundary** layer separation  
*use* boundary layer separation  
laminar boundary layer  
**boundary** layer stability  
thermal **boundary** layer  
**boundary** layer thickness  
three dimensional **boundary** layer  
**boundary** layer transition  
turbulent **boundary** layer  
two dimensional **boundary** layer  
**boundary** layers  
supersonic **boundary** layers  
**boundary** lubrication  
**boundary** value problems  
Cramer-Rao **bounds**  
**Bourdon** tubes  
**Boussinesq** approximation  
**bow** shock waves  
*use* shock waves  
**bow** waves  
**bows**  
**box** beams  
**boxes**  
Skinner **boxes**  
**boxes** (containers)  
**BPSK**  
*use* binary phase shift keying  
**brackets**  
**bradycardia**  
**Bragg** angle  
**Bragg** cells  
**Bragg** curve  
**Bragg** gratings  
**Bragg** mirrors  
*use* Bragg reflectors  
distributed **Bragg** reflector lasers  
*use* DBR lasers  
**Bragg** reflectors  
**braided** composites  
**braille**  
**brain**  
blood- **brain** barrier  
**brain** circulation  
**brain** damage  
**brain** injuries  
*use* brain damage  
**brain** stem  
**brakes**  
aerodynamic **brakes**  
aircraft **brakes**  
wheel **brakes**  
**brakes** (for arresting motion)  
**brakes** (forming or bending)  
**braking**  
asymptotic giant **branch** stars  
horizontal **branch** stars  
**branching** (mathematics)  
**branching** (physics)  
Black **Brant** 1 sounding rocket  
Black **Brant** 2 sounding rocket  
Black **Brant** 3 sounding rocket  
Black **Brant** 4 sounding rocket  
Black **Brant** 5 sounding rocket  
Black **Brant** sounding rockets  
**brasses**  
**Bravais** crystals  
**Brayton** cycle  
**Brazil**  
**Brazilian** space program  
**brazing**  
low temperature **brazing**  
**Brazzaville**  
*use* Congo (Brazzaville)  
Congo **(Brazzaville)**  
**breadboard** models  
**breakaway**  
*use* boundary layer separation  
**breakdown**  
electrical **breakdown**  
*use* electrical faults  
voltage **breakdown**  
*use* electrical faults  
vortex **breakdown**  
laser-induced **breakdown** spectroscopy  
circuit **breakers**  
**breakers** (electric)  
*use* circuit breakers  
**breaking**  
symmetry **breaking**  
*use* broken symmetry  
orbital **breakup**  
*use* spacecraft breakup  
reentry **breakup**  
*use* spacecraft breakup  
satellite **breakup**  
*use* spacecraft breakup  
spacecraft **breakup**  
**breakup** (spacecraft)  
*use* spacecraft breakup  
**breakwaters**  
**breast**  
**breathing**  
high altitude **breathing**  
liquid **breathing**  
oxygen **breathing**  
pressure **breathing**  
**breathing** apparatus  
underwater **breathing** apparatus  
air **breathing** boosters  
air **breathing** engines  
emergency **breathing** techniques  
**breathing** vibration  
**breccia**  
Bessel- **Bredichin** theory  
Experimental **Breeder** Reactor 1  
Experimental **Breeder** Reactor 2  
**breeder** reactors  
light water **breeder** reactors  
liquid metal fast **breeder** reactors  
**breeding** (reproduction)  
sea **breeze**  
**Breguet** 940 aircraft  
**Breguet** 941 aircraft  
**Breguet** 1150 aircraft  
**Breguet** aircraft  
**bremsstrahlung**  
Hering- **Breuer** reflex  
**Brewster** angle  
**bricks**  
wire **bridge** circuits  
**bridges**  
electric **bridges**  
liquid **bridges**  
Wheatstone **bridges**  
**bridges** (landforms)  
**bridges** (structures)  
crack **bridging**  
fiber **bridging**  
*use* crack bridging  
grain **bridging**  
*use* crack bridging  
**Bridgman** method  
bucket **brigade** devices  
limb **brightening**  
**brightness**  
sky **brightness**  
**brightness** discrimination  
**brightness** distribution  
**brightness** temperature

	<b>Brillouin</b> effect		<b>bubble</b> memory devices
	<b>Brillouin</b> flow		<b>bubble</b> technique
Wentzel-Kramer-	<b>Brillouin</b> method	captured air	<b>bubble</b> vehicles
	<b>Brillouin-Wigner</b> equation		<b>bubbles</b>
	<b>Brillouin</b> zones	plasma	<b>bubbles</b>
	<b>brines</b>		<b>Buccaneer</b> aircraft
	<b>Brinkman</b> number		<b>bucket</b> brigade devices
	<b>briquets</b>		<b>buckets</b>
	<b>Bristol-Siddeley</b> BS 53 engine		<b>buckeye</b> aircraft
	<b>Bristol-Siddeley</b> Olympus 593 engine		<i>use</i> T-2 aircraft
	<b>Bristol-Siddeley</b> Viper engine		<b>buckling</b>
Great	<b>Britain</b>	creep	<b>buckling</b>
	<i>use</i> United Kingdom	elastic	<b>buckling</b>
	<b>British</b> Aircraft Corp aircraft	Euler	<b>buckling</b>
	<i>use</i> BAC aircraft	thermal	<b>buckling</b>
	<b>British</b> Columbia		<b>buckminsterfullerene</b>
	<b>British</b> Guinea	atmospheric heat	<b>budget</b>
	<i>use</i> Guyana	Earth radiation	<b>budget</b>
	<b>British</b> Honduras	heat	<b>budget</b>
	<i>use</i> Belize	Earth Energy	<b>Budget</b> Experiment
	<b>brittle-ductile</b> transition	<i>use</i> LZEEBE satellite	<b>budget</b> experiment
	<i>use</i> ductile-brittle transition	Earth radiation	<b>Budget</b> Experiment
	<b>brittle</b> materials	Zonal Earth Energy	<i>use</i> LZEEBE satellite
ductile-	<b>brittle</b> transition	Surface Radiation	<b>Budget</b> project
	<b>brittleness</b>		<b>budgeting</b>
	<b>broadband</b>		<b>budgets</b>
	<b>broadband</b> amplifiers	energy	<b>budgets</b>
direct	<b>broadcast</b> satellites	federal	<b>budgets</b>
	<b>broadcasting</b>		<b>Buffalo</b> aircraft
radio	<b>broadcasting</b>		<i>use</i> DHC 5 aircraft
	<i>use</i> broadcasting		<b>buffer</b> storage
pressure	<b>broadening</b>		<b>buffers</b>
de	<b>Broglie</b> wavelengths		<b>buffers</b> (chemistry)
	<b>broken</b> symmetry		<b>buffeting</b>
	<b>bromates</b>		<b>building</b> materials
zinc-	<b>bromide</b> batteries		<i>use</i> construction materials
	<b>bromides</b>		<b>building</b> structures
ammonium	<b>bromides</b>		<i>use</i> buildings
cesium	<b>bromides</b>		<b>buildings</b>
chromium	<b>bromides</b>	space cooling	<b>(buildings)</b>
magnesium	<b>bromides</b>	space heating	<b>(buildings)</b>
potassium	<b>bromides</b>		<b>bulbs</b>
silver	<b>bromides</b>	light	<b>bulbs</b>
sodium	<b>bromides</b>	<i>use</i> luminaires	
strontium	<b>bromides</b>		<b>Bulgaria</b>
	<b>bromination</b>	galactic	<b>bulge</b>
	<b>bromine</b>	central	<b>bulge</b> (galaxies)
	<b>bromine</b> 82	<i>use</i> galactic bulge	
	<i>use</i> bromine isotopes	nuclear	<b>bulge</b> (galaxies)
	<b>bromine</b> 87	<i>use</i> galactic bulge	
	<i>use</i> bromine isotopes		<b>bulging</b>
	<b>bromine</b> compounds		<b>bulk</b> acoustic wave devices
	<b>bromine</b> isotopes		<b>bulk</b> modulus
	<b>bronchi</b>		<b>bulkheads</b>
	<b>bronchial</b> tubes	computer	<b>bulletin</b> boards
	<i>use</i> bronchi	<i>use</i> electronic bulletin boards	
	<b>bronzes</b>	electronic	<b>bulletin</b> boards
Plum	<b>Brook</b> Reactor		<b>Bullpup</b> missiles
	<b>Brosen-Metcalf</b> comet		<b>Bumblebee</b> project
	<b>broths</b>		<b>bumpers</b>
	<b>brown</b> dwarf stars		<b>bumpy</b> toruses
	<b>brown</b> wave effect		<b>Buna</b> (trademark)
	<b>Brownian</b> movements		<b>bunching</b>
	<b>Bruceton</b> test	electron	<b>bunching</b>
	<i>use</i> statistical tests	His	<b>bundle</b>
	<b>brucite</b>		<b>bundle</b> drawing
	<b>Bruderheim</b> meteorite		<b>bundles</b>
	<b>Brunei</b>		<b>bunkers</b> (fuel)
New	<b>Brunswick</b>		<b>buoyancy</b>
	<b>Brunt-Vaisala</b> frequency		<b>buoyancy-driven</b> flow
	<b>brush</b> (botany)	neutral	<b>buoyancy</b> simulation
	<b>brush</b> seals		<b>buoys</b>
	<b>brushes</b>		<b>Buran</b> space shuttle
	<b>brushes</b> (electrical contacts)		<b>bureaus</b> (organizations)
	<b>Bryophytes</b>		<b>burettes</b>
Bristol-Siddeley	<b>BS</b> 53 engine		<b>Burger</b> equation
	<b>BSCCO</b> superconductors		<b>Burkina</b>
	<b>BSX</b>		<b>Burma</b>
	<b>bubble</b> chambers		

- burn-in**  
**burners**  
**Burnett** equations  
**burning**  
*use* combustion  
biomass **burning**  
erosive **burning**  
hole **burning**  
**burning** process  
*use* combustion  
**burning** rate  
**burning** time  
**burnout**  
**burns** (injuries)  
**burnthrough** (failure)  
nuclear fuel **burnup**  
**burst** tests  
**bursts**  
cosmic gamma ray **bursts**  
*use* gamma ray bursts  
gamma ray **bursts**  
meteor **bursts**  
*use* meteoroid showers  
radio **bursts**  
solar radio **bursts**  
type 2 **bursts**  
type 3 **bursts**  
type 4 **bursts**  
type 5 **bursts**  
**bursts** (communication)  
*use* packets (communication)  
**Burundi**  
Pioneer Venus 2 transporter **bus**  
**bus** conductors  
Newton-space **Busemann** law  
**buses**  
*use* ferry spacecraft  
**bushings**  
**business** management  
*use* industrial management  
Common **Business** Oriented Language  
*use* Cobol  
data **busses**  
*use* channels (data transmission)  
**butadiene**  
**butanedinitrile**  
*use* succinonitrile  
**butanes**  
**butenes**  
**butt** joints  
**butterfly** valves  
**buttes**  
**buttons**  
**butylene**  
*use* butenes  
**butylene** oxides  
*use* tetrahydrofuran  
**butyric** acid  
aerodynamic **buzz**  
*use* flutter  
**BWB** configurations  
*use* blended-wing-body configurations  
**bypass** ratio  
**bypasses**
- C**
- Anik **C**  
*use* Anik 3
- Atmosphere Explorer **C**  
*use* Explorer 51 satellite
- BE **C**  
*use* Explorer 27 satellite
- Beacon Explorer **C**  
*use* Explorer 27 satellite
- ComStar **C**
- Earth Resources Technology Satellite **C**  
*use* Landsat 3
- Energetic Particle Explorer **C**  
*use* Explorer 15 satellite
- EPE- **C**  
*use* Explorer 15 satellite
- ERTS- **C**  
*use* Landsat 3
- HEAO **C**  
*use* HEAO 3
- High Energy Astronomy Observatory **C**  
*use* HEAO 3
- IMP- **C**  
*use* Explorer 28 satellite
- loran **C**
- Lunar Orbiter **C**  
*use* Lunar Orbiter 3
- OAO- **C**  
*use* OAO 3
- OGO- **C**
- OSO- **C**
- SIR- **C**  
*use* Shuttle Imaging Radar
- Space Shuttle mission 31- **C**
- Space Shuttle mission 41- **C**
- Space Shuttle mission 51- **C**
- Space Shuttle mission 61- **C**
- Telesat Canada **C**  
*use* Anik 3
- vitamin **C**  
*use* ascorbic acid
- C-1A aircraft
- C-2 aircraft
- C-5 aircraft
- Lockheed C-5 aircraft  
*use* C-5 aircraft
- C-8A augmentor wing aircraft
- C-9 aircraft
- C-15 aircraft
- C-17 aircraft
- C-33 aircraft
- Beech C-33 aircraft  
*use* C-33 aircraft
- C-35 aircraft
- C-46 aircraft
- Curtiss C-46 aircraft  
*use* C-46 aircraft
- C-47 aircraft
- C-54 aircraft
- C-118 aircraft
- C-119 aircraft
- C-121 aircraft
- C-123 aircraft
- C-124 aircraft
- C-130 aircraft
- C-131 aircraft
- C-133 aircraft
- C-135 aircraft
- C-140 aircraft
- C-141 aircraft
- C-142 aircraft  
*use* XC-142 aircraft
- C-160 aircraft
- Transall C-160 aircraft  
*use* C-160 aircraft
- C band
- C-M diagram  
*use* color-magnitude diagram
- Short Belfast **C** MK-1 aircraft  
*use* SC-5 aircraft
- C** (programming language)
- Tory 2- **C** reactor
- Agena **C** rocket vehicle
- Jupiter **C** rocket vehicle
- AE- **C** satellite  
*use* Explorer 51 satellite
- EXOS- **C** satellite
- GEOS- **C** satellite  
*use* GEOS 3 satellite

- Mariner **C** spacecraft  
**C** stars  
*use* carbon stars  
**C++** (programming language)
- Coachella Valley **(CA)**  
 coastal ranges **(CA)**  
 Death Valley **(CA)**  
 Feather River Basin **(CA)**  
 Imperial Valley **(CA)**  
 Mojave Desert **(CA)**  
 Monterey Bay **(CA)**  
 Palo Verde Valley **(CA)**  
 Peninsular Ranges **(CA)**  
 Sacramento Valley **(CA)**  
 Salton Sea **(CA)**  
 San Francisco **(CA)**  
 San Francisco Bay **(CA)**  
 San Joaquin Valley **(CA)**  
 San Pablo Bay **(CA)**  
 Sierra Nevada Mountains **(CA)**  
 Bi-Sr-**Ca-Cu-O** superconductors  
 Lake Tahoe **(CA-NV)**  
 Cascade Range **(CA-OR-WA)**  
 spacecraft **cabin** atmospheres  
 spacecraft **cabin** atmospheres  
 spacecraft **cabin** simulators  
**cabins**  
 aircraft **cabins**  
*use* aircraft compartments  
 pressure **cabins**  
*use* pressurized cabins  
 pressurized **cabins**  
 spacecraft **cabins**  
**cab** force recorders  
**cab** television  
**cables**  
 coaxial **cables**  
 communication **cables**  
 submarine **cables**  
**cables** (ropes)  
**CAD** (design)  
*use* computer aided design  
**cadastral** mapping  
**cadmium**  
**cadmium** 114  
*use* cadmium isotopes  
**cadmium** alloys  
**cadmium** antimonides  
 nickel **cadmium** batteries  
 silver **cadmium** batteries  
**cadmium** chlorides  
**cadmium** compounds  
**cadmium** fluorides  
**cadmium** isotopes  
**cadmium** mercury tellurides  
*use* mercury cadmium tellurides  
**cadmium** nickel batteries  
*use* nickel cadmium batteries  
**cadmium** selenides  
**cadmium** silver batteries  
*use* silver cadmium batteries  
**cadmium** sulfides  
**cadmium** tellurides  
 mercury **cadmium** tellurides  
**caffeine**  
**CAI**  
*use* computer assisted instruction  
**caissons**  
**Cajun** rocket vehicle  
 Nike-**Cajun** rocket vehicle  
 ORBIS **CAL** satellite  
**calciferol**  
**calcification**  
**calcination**  
*use* roasting  
**calcite**  
**calcium**  
**calcium** 45  
*use* calcium isotopes  
**calcium** carbonates  
**calcium** chlorides  
**calcium** compounds  
**calcium** fluorides  
**calcium** isotopes  
**calcium** metabolism  
**calcium** oxides  
**calcium** phosphates  
**calcium** silicates  
**calcium** sulfides  
**calcium** tungstates  
**calcium** vanadates  
**calculation**  
*use* computation  
 matrix stress **calculation**  
*use* matrix methods  
 orbit **calculation**  
 satellite orbit **calculation**  
*use* orbit calculation  
 stress **calculations**  
*use* stress analysis  
**calculators**  
**calculi**  
 dental **calculi**  
 kidney **calculi**  
*use* kidney stones  
 renal **calculi**  
*use* calculi  
 kidney stones  
**calculus**  
 derivation **calculus**  
*use* differential calculus  
 differential **calculus**  
 Graeff **calculus**  
 integral **calculus**  
 operational **calculus**  
 predicate **calculus**  
 Stokes theorem (vector **calculus**)  
 vector **calculus**  
*use* vector spaces  
**calculus** of variations  
**calderas**  
**calendars**  
 crop **calendars**  
**calibrating**  
 self **calibrating** omnirange  
 wind tunnel **calibration**  
 Solar Cell **Calibration** Facility  
**California**  
 Baja **California**  
*use* Lower California (Mexico)  
 Southern **California**  
 Gulf of **California** (Mexico)  
 Lower **California** (Mexico)  
**californium**  
**californium** 252  
*use* californium isotopes  
**californium** compounds  
**californium** isotopes  
**CALIPSO** (Pathfinder satellite)  
**Callisto**  
**calmodulin**  
**caloric** requirements  
**caloric** stimuli  
**calorimeters**  
 bomb **calorimeters**  
 drop **calorimeters**  
 flame **calorimeters**  
**calorimetry**  
*use* heat measurement  
**calutrons**  
*use* cyclotrons  
**calves**  
**Calypso**  
**CAM** (manufacturing)  
*use* computer aided manufacturing  
**camber**  
 conical **camber**  
 wing **camber**

- cambered** wings
- Cambodia**
- Cambrian** Period
- Camel** aircraft
  - use* TU-104 aircraft
- Baker-Nunn **camera**
  - Delft **camera**
  - faint object **camera**
- Mars Orbiter **Camera** (MOC)
  - use* Mars Global Surveyor
- Advanced Vidicon **camera** shutters
- Camera** System (AVCS)
  - camera** tubes
  - cameras**
    - ballistic **cameras**
    - CCD **cameras**
    - diffraction limited **cameras**
    - digital **cameras**
    - framing **cameras**
    - high speed **cameras**
    - I2S **cameras**
    - Lallemand **cameras**
    - multispectral band **cameras**
    - panoramic **cameras**
    - pinhole **cameras**
    - Schmidt **cameras**
    - streak **cameras**
    - television **cameras**
  - Cameroon**
  - camouflage**
  - Campbell-Hausdorff** series
  - camphor**
  - cams**
  - sortie **can**
    - use* sortie systems
  - Canada**
  - Hudson Bay **(Canada)**
  - Telesat **Canada** 3
    - use* Anik 3
  - Telesat **Canada** A
    - use* Anik 1
  - Telesat **Canada** B
    - use* Anik 2
  - Telesat **Canada** C
    - use* Anik 3
  - Canadair** aircraft
    - Canadair** CF-104 aircraft
      - use* Canadair aircraft
      - F-104 aircraft
    - Canadair** CL-41 aircraft
      - use* CL-41 aircraft
    - Canadair** CL-44 aircraft
      - use* CL-44 aircraft
    - Canadair** CL-84 aircraft
      - use* CL-84 aircraft
  - Canadarm** (ISS)
    - use* Space Station Mobile Servicing System
  - Canadian** Shield
  - Canadian** space program
  - Canadian** spacecraft
  - Panama **Canal** Zone
  - canals**
  - semicircular **canals**
    - canard** configurations
    - Canary** Islands
    - Canberra** aircraft
    - Canberra** bomber
      - use* B-57 aircraft
    - cancellation**
    - cancellation** circuits
    - cancer**
    - cancer** genes
      - use* oncogenes
    - sugar **cane**
    - canisters**
      - use* cans
    - canning**
    - Cannonball** 2 satellite
  - cannons**
    - use* guns (ordnance)
  - cannulae**
  - canonical** forms
  - canopies**
  - canopies** (vegetation)
  - cans**
  - cant**
    - use* slopes
  - cantilever** beams
  - cantilever** members
  - cantilever** plates
  - cantilever** wings
    - use* wings
  - Grand **Canyon** (AZ)
  - canyons**
  - polar **cap** absorption
  - cap** clouds
  - ceiling (aircraft **capability**)
  - capacitance**
  - capacitance** switches
  - capacitance-voltage** characteristics
  - capacitive** fuel gages
  - capacitors**
  - double-layer **capacitors**
    - use* electrochemical capacitors
  - electrochemical **capacitors**
  - channel **capacity**
  - heat **capacity**
    - use* specific heat
  - load carrying **capacity**
  - work **capacity**
  - Heat **Capacity** Mapping Mission
  - Cape** Hatteras (NC)
  - Cape** Kennedy launch complex
  - Cape** Verde
  - capes** (landforms)
  - capillaries**
  - capillaries** (anatomy)
  - capillary** circulation
    - use* capillary flow
  - capillary** flow
  - capillary** pumped loops
  - capillary** tubes
  - capillary** waves
  - caps**
  - nose **caps**
    - use* nose cones
  - polar **caps**
  - spherical **caps**
  - caps** (explosives)
  - DRC **(capsule)**
    - use* Discoverer recovery capsules
  - capsules**
  - Discoverer recovery **capsules**
  - escape **capsules**
  - fuel **capsules**
  - space **capsules**
    - capsules** (spacecraft)
      - use* space capsules
  - captive** tests
  - asteroid **capture**
  - electron **capture**
  - nuclear **capture**
  - satellite **capture**
    - use* spacecraft recovery
  - capture** cross sections
    - use* absorption cross sections
  - capture** effect
  - captured** air bubble vehicles
  - Caravelle** aircraft
    - use* SE-210 aircraft
  - Carbamates** (tradenname)
  - carbamides**
  - carbazoles**
  - carbenes**
  - carbon-silicon **carbide** composites
  - carbides**

**carbides**

- aluminum **carbides**
- boron **carbides**
- chromium **carbides**
- hafnium **carbides**
- molybdenum **carbides**
- niobium **carbides**
- plutonium **carbides**  
*use* plutonium compounds
- silicon **carbides**
- tantalum **carbides**
- titanium **carbides**
- tungsten **carbides**
- uranium **carbides**
- vanadium **carbides**
- zirconium **carbides**
- carbohydrate** metabolism
- carbohydrates**
- carbon**
- activated **carbon**
- glassy **carbon**
- carbon** 12
- carbon** 13
- carbon** 14
- carbon** arcs
- carbon- **carbon** composites
- carbon** compounds
- carbon** cycle
- carbon** dioxide
- carbon** dioxide concentration
- carbon** dioxide lasers
- carbon** dioxide removal
- carbon** dioxide tension
- carbon** disulfide
- carbon** fiber reinforced plastics
- carbon** fibers
- carbon** isotopes
- carbon** lasers
- carbon** monoxide
- carbon** monoxide lasers
- carbon** monoxide poisoning
- carbon** nanotube based memory
- carbon** nanotubes
- carbon** nitrides
- Orbiting **Carbon** Observatory (OCO)
- carbon**-phenolic composites
- carbon**-silicon carbide composites
- carbon** stars
- carbon** steels
- low **carbon** steels
- carbon** suboxides
- carbon** tetrachloride
- carbon** tetrachloride poisoning
- carbon** tetrafluoride
- carbonaceous** chondrites
- carbonaceous** materials
- carbonaceous** meteorites
- carbonaceous** rocks
- molten **carbonate** fuel cells
- carbonates**
- calcium **carbonates**
- sodium **carbonates**
- carbonic** acid
- carbonic** anhydrase
- carbonization**
- carbonyl** compounds
- carborane**
- Carborundum** (trademark)
- carboxyhemoglobin**
- carboxyhemoglobin** test
- carboxyl** group
- carboxylates**
- carboxylation**
- carboxylic** acids
- carburetors**
- injection **carburetors**  
*use* carburetors  
fuel injection
- carburing**
- carcinogens**
- carcinoma**  
*use* cancer
- carcinotrons**
- cardiac** auricles
- cardiac** output
- artificial **cardiac** pacemaker
- cardiac** ventricles
- cardiograms**
- cardiography**
- cardiology**
- cardiotachometers**
- pulse **(cardiovascular)**  
*use* heart rate
- cardiovascular** system
- cards**
- punched **cards**
- caret** wings
- CARETS** (test site)  
*use* Central Atlantic Regional Ecol  
Test Site
- cargo**
- air **cargo**
- cargo** aircraft
- Ares 5 **cargo** launch vehicle
- cargo** ships
- LOTS **cargo** ships  
*use* cargo ships
- cargo** spacecraft
- Cargomaster** aircraft  
*use* C-133 aircraft
- Caribbean** region
- Caribbean** Sea
- Caribou** aircraft  
*use* DHC 4 aircraft
- carbious**
- Monte **Carlo** method
- Carne**
- carnitine**
- Carnot** cycle
- North **Carolina**
- South **Carolina**
- carotene**
- carotenoids**
- carotid** sinus body
- carotid** sinus reflex
- Carpathian** Mountains (Europe)
- carriages**
- European Retrievable **Carrier**  
*use* Eureka (ESA)
- logistics over the shore (LOTS) **carrier**
- carrier** density (solid state)
- carrier** frequencies
- carrier** injection
- carrier** lifetime
- carrier** mobility
- carrier** modulation  
*use* modulation
- Echo 1 **carrier** rocket  
*use* Thor Delta launch vehicle
- carrier** rockets  
*use* launch vehicles
- carrier** sense multiple access
- carrier** systems  
*use* wireless communication
- carrier** to noise ratios
- single channel per **carrier** transmission
- carrier** transport (solid state)
- carrier** waves
- carriers**
- aircraft **carriers**
- charge **carriers**
- majority **carriers**
- minority **carriers**
- Carrington** rotation  
*use* solar rotation
- load **carrying** capacity
- CETA **cart** (ISS)  
*use* Crew Equipment Translation Aid  
(ISS)

- Cartan** space
- Cartesian** coordinates
- cartilage**
- cartography**
  - use* mapping
- cartridge** actuated devices
  - use* actuators
  - explosive devices
- cartridges**
- carts**
- cascade** control
- cascade** flow
- quantum **cascade** lasers
- Cascade** Range (CA-OR-WA)
- cascade** wind tunnels
- cascades**
- electron photon **cascades**
  - cascades** (fluid dynamics)
    - use* fluid dynamics
  - cascode** devices
  - cascode** MOSFET
    - use* field effect transistors
  - case** bonded propellants
  - case** histories
- missile **cases**
  - use* missile bodies
- missile engine **cases**
  - use* rocket engine cases
- rocket engine **cases**
- rocket motor **cases**
  - use* rocket engine cases
  - cases** (containers)
  - casing**
  - casks**
    - use* barrels (containers)
  - Caspian** Sea
  - Cassegrain** antennas
  - Cassegrain** optics
  - Cassini** mission
  - Cassiopeia** A
  - Cassiopeia** constellation
  - cast** alloys
  - Castigliano** variational theorem
  - casting**
  - centrifugal **casting**
  - investment **casting**
  - propellant **casting**
  - ray **casting**
    - use* ray tracing
  - sand **casting**
  - slip **casting**
  - squeeze **casting**
    - solvents
    - use* plasticizers
  - castings**
  - Castor** 2 engine
    - use* TX-354 engine
  - castor** oil
  - casts**
  - casualties**
  - CAT** scanner
    - use* computer aided tomography
  - catabolism**
  - cataclysmic** variables
  - catalase**
  - catalogs**
  - astronomical **catalogs**
    - star **catalogs**
      - use* astronomical catalogs
    - catalogs** (publications)
  - Ziegler **catalyst**
  - catalysts**
  - fuel cell **catalysts**
    - use* electrocatalysts
  - catalytic** activity
  - catalytic** sites
    - use* active sites (chemistry)
  - catapults**
  - rocket **catapults**
  - cataracts**
  - catastrophe** theory
  - catchers**
  - catchment** areas
    - use* watersheds
  - catecholamine**
  - categories**
  - catenaries**
  - catheterization**
  - cathetometers**
  - cathode** glow
  - cathode** ray tubes
  - cold **cathode** tubes
  - cathodes**
  - cell **cathodes**
  - cold **cathodes**
  - hollow **cathodes**
  - hot **cathodes**
  - photoelectric **cathodes**
    - use* photocathodes
  - thermionic **cathodes**
  - tube **cathodes**
  - tunnel **cathodes**
    - cathodic** coatings
    - cathodoluminescence**
    - catholytes**
    - cations**
    - cats**
    - CATT** devices
    - cattle**
    - CATV**
      - use* cable television
    - Magdalena- **Cauca** Valley (Colombia)
    - Caucasus** Mountains (U.S.S.R.)
    - Euler- **Cauchy** equations
    - Cauchy** integral formula
    - Cauchy** problem
    - Cauchy**-Riemann equations
    - caulking**
    - retirement for **cause**
    - causes**
    - caustic** lines
    - caustics**
      - use* alkalis
    - caustics** (optics)
    - caves**
    - cavitation**
      - use* cavitation flow
    - gaseous **cavitation**
      - use* cavitation flow
      - gas flow
    - cavitation** corrosion
    - cavitation** flow
    - cavities**
    - laser **cavities**
    - resonant **cavities**
      - use* cavity resonators
    - cavitons**
    - intracranial **cavity**
      - flow
      - resonators
    - superconducting **cavity** resonators
    - cavity** resonators
    - cavity** vapor generators
    - cays**
      - use* keys (islands)
    - CC-106** aircraft
      - use* CL-44 aircraft
    - CCD**
      - use* charge coupled devices
    - CCD** cameras
    - CCD** star tracker
    - CD-ROM**
    - CDC** 160-A computer
    - CDC** 1604 computer
    - CDC** 3100 computer
    - CDC** 3200 computer
    - CDC** 3600 computer
    - CDC** 3800 computer

**CDC** 6000 series computers  
**CDC** 6400 computer  
**CDC** 6600 computer  
**CDC** 6700 computer  
**CDC** 7000 series computers  
**CDC** 7600 computer  
**CDC** 8090 computer  
**CDC** computers  
**CDC** Cyber 74 computer  
**CDC** Cyber 170 series computers  
**CDC** Cyber 174 computer  
**CDC** Cyber 175 computer  
**CDC** Cyber 203 computer  
**CDC** Cyber 205 computer  
**CDC** Star 100 computer  
**CDMA**  
*use* code division multiple access  
**CE** /SE method  
*use* space-time CE/SE method  
 space-time **CE** /SE method  
**Cedar** Rapids (IA)  
**CEFOAM** checkout equipment  
**ceiling** (aircraft capability)  
**ceilings**  
**ceilings** (architecture)  
**ceilings** (meteorology)  
**ceilometers**  
*use* cloud height indicators  
**telescopes**  
**celestial** bodies  
**celestial** geodesy  
**celestial** mechanics  
 orbital resonances **(celestial** mechanics)  
**celestial** navigation  
**celestial** observation  
*use* astronomy  
**celestial** reference systems  
**celestial** sphere  
 resolution **cell**  
**cell** anodes  
 Solar **Cell** Calibration Facility  
 fuel **cell** catalysts  
*use* electrocatalysts  
**cell** cathodes  
 blood **cell** count  
**cell** culturing  
 pathological **cell** death  
*use* necrosis  
 programmed **cell** death  
*use* apoptosis  
**cell** division  
**cell** lines  
*use* cultured cells  
**cell** membranes (biology)  
**cell** physiology  
*use* cytology  
 fuel **cell** power plants  
 particle in **cell** technique  
 vortex in **cell** technique  
**cellophane**  
**cells**  
 Benard **cells**  
 biochemical fuel **cells**  
 biological **cells**  
*use* cells (biology)  
 blood **cells**  
 Bragg **cells**  
 clone **cells**  
 convection **cells**  
 cultured **cells**  
 dry **cells**  
 electric **cells**  
 electrochemical **cells**  
 electrolytic **cells**  
 fission electric **cells**  
 fuel **cells**  
 galvanic **cells**  
*use* electrolytic cells  
 geophysical fluid flow **cells**  
 Golay detector **cells**  
 hexagonal **cells**  
 hydrogen air fuel **cells**  
*use* hydrogen oxygen fuel cells  
 hydrogen oxygen fuel **cells**  
 Kerr **cells**  
 Knudsen **cells**  
*use* Knudsen gages  
 magnesium **cells**  
 molten carbonate fuel **cells**  
 muscle **cells**  
 phosphoric acid fuel **cells**  
 photoconductive **cells**  
 photoelectric **cells**  
 photovoltaic **cells**  
 red blood **cells**  
*use* erythrocytes  
 Redox **cells**  
 regenerative fuel **cells**  
 silicon solar **cells**  
*use* solar cells  
 solar **cells**  
 solid oxide fuel **cells**  
 stem **cells**  
 vertical junction solar **cells**  
 wet **cells**  
 white blood **cells**  
*use* leukocytes  
 wraparound contact solar **cells**  
*use* solar cells  
**cells** (biology)  
**cellular** automata  
**cellular** manufacturing  
*use* group technology  
 (manufacturing)  
**cellular** materials (non biological)  
*use* foams  
**cellulose**  
**cellulose** nitrate  
**cementation**  
**cementite**  
**cements**  
**CEMS** system  
*use* Central Electronic Management  
 System  
**Cenozoic** Era  
**censored** data (mathematics)  
**census**  
**Centaur** launch vehicle  
 Atlas **Centaur** launch vehicle  
 Titan **Centaur** launch vehicle  
**Centaur** project  
**Centaur** vehicle  
*use* Centaur launch vehicle  
**Centaurus** constellation  
 aerodynamic **center**  
*use* aerodynamic balance  
 IMCC (control **center**)  
*use* integrated mission control center  
 integrated mission control **center**  
 Space Operations **Center** (NASA)  
**center** of gravity  
**center** of mass  
**center** of pressure  
**centerbodies**  
 body **centered** cubic lattices  
 face **centered** cubic lattices  
**centers**  
 color **centers**  
 F **centers**  
*use* color centers  
 reactive **centers**  
*use* active sites (chemistry)  
 world data **centers**  
**centimeter** waves  
**Central** African Republic  
**Central** America  
**Central** Atlantic Region (US)  
**Central** Atlantic Regional Ecol Test Site

- central** bulge (galaxies)  
*use* galactic bulge
- Central** Electronic Management System
- Central** Europe
- central** nervous system
- central** nervous system depressants
- central** nervous system stimulants
- Central** Piedmont (US)
- central** processing units
- centrifugal** casting
- centrifugal** compressors
- centrifugal** force
- centrifugal** pumps
- centrifuges**
- human **centrifuges**
- piloted **centrifuges**  
*use* human centrifuges
- centrifuging**
- centrifuging** stress
- centripetal** force
- centroids**
- Centurion** aircraft  
*use* Cessna 210 aircraft
- cephalalgia**  
*use* headache
- cephalopods**
- cephheid** variables
- Cepheus** constellation
- cepstra**
- cepstral** analysis
- ceramal** protective coatings  
*use* cermets  
 protective coatings
- ceramals**  
*use* cermets
- ceramic** bonding
- ceramic** coatings
- ceramic** fibers
- ceramic** honeycombs
- ceramic** matrix composites
- ceramic-metal** composites  
*use* cermets
- ceramic** nuclear fuels
- piezoelectric **ceramics**
- ceramics**
- cerebellum**
- cerebral** cortex
- cerebral** vascular accidents
- cerebral** ventricles
- cerebrospinal** fluid
- cerebrum**
- Cerenkov** counters
- Cerenkov** effect  
*use* Cerenkov radiation
- Cerenkov** radiation
- Ceres** asteroid
- CERES** (experiment)
- ceresin**
- cerium**
- cerium** 137
- cerium** 144
- cerium** compounds
- cerium** isotopes
- cerium** oxides
- cermets**
- certification**
- cesium**
- cesium** 133
- cesium** 134
- cesium** 137
- cesium** 144
- cesium** alloys
- cesium** antimonides
- cesium** bromides
- cesium** compounds
- cesium** diodes
- cesium** engines
- cesium** fluorides
- cesium** halides
- cesium** hydrides
- cesium** iodides
- cesium** ions
- cesium** isotopes
- cesium** oxides
- cesium** plasma
- cesium** vapor
- Cessna** 172 aircraft
- Cessna** 205 aircraft
- Cessna** 210 aircraft
- Cessna** 402B aircraft
- Cessna** aircraft
- Cessna** L-19 aircraft
- CETA** cart (ISS)  
*use* Crew Equipment Translation Aid (ISS)
- cetane**
- Mira **Ceti** star  
*use* Omicron Ceti star
- Omicron **Ceti** star
- UV **Ceti** stars  
*use* flare stars
- cetyl** compounds
- Ceylon**  
*use* Sri Lanka
- CF-104** aircraft  
*use* Canadair aircraft  
 F-104 aircraft
- Canadair **CF-104** aircraft  
*use* Canadair aircraft  
 F-104 aircraft
- CF-700** engine
- CFCs**  
*use* chlorofluorocarbons
- CFD**  
*use* charge flow devices
- CFRP**  
*use* carbon fiber reinforced plastics
- CH-3** helicopter
- CH-21** helicopter
- CH-34** helicopter
- CH-46** helicopter
- CH-47** helicopter
- CH-53** helicopter  
*use* H-53 helicopter
- CH-54** helicopter
- CH-62** helicopter
- CH-113** helicopter  
*use* CH-46 helicopter
- CH** (methylidyne)  
*use* methylidyne
- Chad**
- chaff**
- food **chain**
- polymerase **chain** reaction
- chain** reactions (chemistry)
- chain** reactions (nuclear physics)
- chains**
- Markov **chains**
- molecular **chains**
- Barany **chair**
- chairs**  
*use* seats
- chalcogenides**
- chalk**
- CL-600 **challenger** aircraft
- Challenger** (Orbiter)
- thrust **chamber** pressure
- chambers**
- anechoic **chambers**
- arc **chambers**
- bubble **chambers**
- cloud **chambers**
- combustion **chambers**
- cylindrical **chambers**
- environmental **chambers**  
*use* test chambers
- flow **chambers**

- growth **chambers**  
     *use* phytotrons  
 hyperbaric **chambers**  
     ion **chambers**  
         *use* ionization chambers  
 ionization **chambers**  
 low pressure **chambers**  
     *use* vacuum chambers  
 magazines (supply **chambers**)  
 plenum **chambers**  
 pressure **chambers**  
 reverberation **chambers**  
 rocket **chambers**  
     *use* thrust chambers  
 spark **chambers**  
 test **chambers**  
 thrust **chambers**  
 vacuum **chambers**  
     Lake **Champlain** Basin (NY-VT)  
     **Chance-Vought** aircraft  
     **Chandler** motion  
         *use* polar wandering (geology)  
     **Chandler** wobble  
     **Chandra** X Ray Astrophysics Facility  
         *use* X Ray Astrophysics Facility  
     **Chandrasekhar** equation  
 climate **change**  
     **change** detection  
 phase **change** materials  
 English **Channel**  
     **channel** capacity  
     **channel** flow  
     open **channel** flow  
     **channel** multipliers  
     **channel** noise  
     single **channel** per carrier transmission  
     **channel** wings  
     **channels**  
         ion **channels** (biology)  
 potassium **channels** (biology)  
     *use* ion channels (biology)  
 sodium **channels** (biology)  
     *use* ion channels (biology)  
     **channels** (data transmission)  
     **channeltrons**  
         *use* channel multipliers  
     **chaos**  
     **chaotic** cloud patterns  
         *use* clouds (meteorology)  
     **chaparral**  
     **Chaparral** missile  
     **Chaplygin** equation  
     **Chapman-Enskog** theory  
     **Chapman-Ferraro** problem  
     **Chapman-Jouget** flame  
         *use* chemical equilibrium  
         detonation  
         flame propagation  
     **Chapman** shear layer  
         *use* shear layers  
 Enskog-**Chapman** theory  
     *use* Chapman-Enskog theory  
     **character** recognition  
 Segre **characteristic**  
     **characteristic** equations  
         *use* eigenvalues  
         eigenvectors  
     **characteristic** functions  
         *use* eigenvalues  
         eigenvectors  
     **characteristic** method  
         *use* method of characteristics  
     **characteristics**  
 aerodynamic **characteristics**  
     airfoil **characteristics**  
         *use* airfoils  
 capacitance-voltage **characteristics**  
 dynamic **characteristics**  
 flight **characteristics**  
     flow **characteristics**  
     method of **characteristics**  
     nanostructure **(characteristics)**  
     polarization **characteristics**  
     spray **characteristics**  
     static **characteristics**  
     static aerodynamic **characteristics**  
     volt-ampere **characteristics**  
     **characterization**  
     **characters**  
         *use* symbols  
     alphanumeric **characters**  
     **charcoal**  
     electric **charge**  
     electrostatic **charge**  
     ion **charge**  
     scalar magnetic **charge**  
         *use* magnetic charge density  
     space **charge**  
     traveling **charge**  
         **charge** carriers  
         **charge** coupled devices  
         **charge** density  
         **charge** distribution  
         **charge** efficiency  
         **charge** exchange  
         resonance **charge** exchange  
         **charge** flow devices  
         **charge** injection devices  
         **charge** separation  
             *use* polarization (charge separation)  
     polarization **(charge** separation)  
         **charge** transfer  
         **charge** transfer devices  
         organic **charge** transfer salts  
         **charged** particles  
         battery **chargers**  
         shaped **charges**  
         **charging**  
         particle **charging**  
         pulse **charging**  
         spacecraft **charging**  
         Spacecraft **Charging** at High Altitude  
             *use* SCATHA satellite  
         **charm** (particle physics)  
         **Charon**  
         **Charpy** impact test  
         **charring**  
         Smith **chart**  
         **charts**  
         flow **charts**  
         graphs **(charts)**  
         meteorological **charts**  
         nautical **charts**  
         polarization **charts**  
             *use* graphs (charts)  
             polarization (waves)  
         weather **charts**  
             *use* meteorological charts  
         **chassignites**  
 Shergotty Nakhla **Chassigny** meteorites  
     *use* SNC meteorites  
     **chassis**  
 Portevin-le **Chatelier** effect  
     Bose-**Chaudhuri-Hocquenghem** codes  
     **Chebyshev** approximation  
     **checkout**  
     **checkout** equipment  
         *use* test equipment  
     CEFOAM **checkout** equipment  
     space vehicle **checkout** program  
     **chelate** compounds  
         *use* chelates  
     **chelates**  
     **chelation**  
     bases **(chemical)**  
         **chemical** analysis  
         **chemical** attack  
         **chemical** auxiliary power units

- chemical** bonds
- chemical** cleaning
- chemical** clouds
- chemical** compatibility
- chemical** composition
- chemical** compounds
- chemical** defense
- chemical** detection
- chemical** effects
- chemical** elements
- chemical** energy
- chemical** engineering
- cracking **(chemical** engineering)
- chemical** equilibrium
- chemical** evolution
- chemical** explosions
- chemical** extinguishers
  - use* fire extinguishers
- chemical** fractionation
- chemical** fuels
- chemical** indicators
- chemical** kinetics
  - use* reaction kinetics
- chemical** lasers
- chemical** machining
- chemical** milling
  - use* chemical machining
- chemical** oxygen-iodine lasers
- chemical** properties
- chemical** propulsion
- chemical** reaction control
- chemical** reactions
- chemical** reactors
- chemical** relaxation
  - use* molecular relaxation
- chemical** release modules
- chemical** shift
  - use* chemical equilibrium
- chemical** sterilization
- chemical** tests
- chemical** vapor deposition
  - use* vapor deposition
- metal organic **chemical** vapor deposition
  - use* metalorganic chemical vapor deposition
- metalorganic **chemical** vapor deposition
- chemical** vapor infiltration
- chemical** warfare
- chemically** reacting flow
  - use* reacting flow
- chemicals**
- chemiluminescence**
- chemisorption**
- chemistry**
- active sites **(chemistry)**
- analytical **chemistry**
- atmospheric **chemistry**
  - buffers **(chemistry)**
- chain reactions **(chemistry)**
- combustion **chemistry**
- computational **chemistry**
- EAM (physical **chemistry)**
  - use* embedded atom method
- environmental **chemistry**
- inorganic **chemistry**
- interstellar **chemistry**
- marine **chemistry**
- MEAM (physical **chemistry)**
  - use* embedded atom method
- MMH **(chemistry)**
  - use* monomethylhydrazines
- nuclear **chemistry**
- organic **chemistry**
- physical **chemistry**
- plasma **chemistry**
- polymer **chemistry**
- precipitation **(chemistry)**
- propellant **chemistry**
- quantum **chemistry**
- radiation **chemistry**
- reactor **chemistry**
  - use* radiochemistry
- reduction **(chemistry)**
- saturation **(chemistry)**
- synthesis **(chemistry)**
- transition elements **(chemistry)**
  - use* transition metals
- unsaturation **(chemistry)**
- VOC (organic **chemistry)**
  - use* volatile organic compounds
- Physics and **Chemistry** Experiment in Space
- chemonuclear** propulsion
  - use* chemical propulsion
  - use* nuclear propulsion
- chemoreceptors**
- chemosphere**
- chemotherapeutic** agents
  - use* drugs
- chemotherapy**
- Chena** River Basin (AK)
- Chesapeake** Bay (US)
- chest**
- chewing**
  - use* mastication
- chiasms**
- chickens**
- child** device
- Child-Langmuir** law
- children**
- Chile**
- chilling**
  - use* cooling
- heat dissipation **chilling**
  - use* cooling
- chimes**
  - use* auditory signals
- chimneys**
- chimpanzees**
- chin**
- China**
- Republic of **China**
  - use* Taiwan
- China** (communist) mainland
  - use* China
- Chinese** aircraft
- Chinese** Peoples Republic
  - use* China
- Chinese** space program
- Chinese** spacecraft
- chinone**
  - use* quinones
- Chinook** helicopter
  - use* CH-47 helicopter
- systems-on-a-**chip**
- lab-on-a-**chip** devices
- chipping**
- chips**
- chips** (electronics)
- chips** (memory devices)
- chiral** dynamics
- chirality**
- Chiron**
- chironomus** flies
- chirp**
- chirp** signals
- chitin**
- chloral**
- chlorates**
- Chlorella**
- methyl **chloride**
- polyvinyl **chloride**
- hydrogen **chloride** lasers
  - use* HCL lasers
- xenon **chloride** lasers
- chlorides**
- aluminum **chlorides**
- ammonium **chlorides**
- beryllium **chlorides**

**chlorides**

boron **chlorides**  
 cadmium **chlorides**  
 calcium **chlorides**  
 copper **chlorides**  
 germanium **chlorides**  
 hydrogen **chlorides**  
 iron **chlorides**  
 lanthanum **chlorides**  
 lead **chlorides**  
 lithium **chlorides**  
 magnesium **chlorides**  
 nitrosyl **chlorides**  
 nitril **chlorides**  
 potassium **chlorides**  
 silver **chlorides**  
 sodium **chlorides**  
 sulfur **chlorides**  
 titanium **chlorides**  
 tungsten **chlorides**  
 zinc **chlorides**  
     **chlorination**  
     **chlorine**  
 zinc- **chlorine** batteries  
     **chlorine** compounds  
     **chlorine** fluorides  
     **chlorine** oxides  
     **chloroaromatics**  
     **chlorobenzenes**  
     **chlorocarbons**  
 sodium **chlorodifluoroacetates**  
     **chloroethylene**  
     **chlorofluorocarbons**  
     **chlorofluoromethane**  
     **chloroform**  
     **chloroformate**  
     **chlorophylls**  
     **chloroplasts**  
     **chloroprene** resins  
     **chlorosilanes**  
 methyl **chlorosilanes**  
     **chlorpromazine**  
     **Choctaw** helicopter  
     *use* CH-34 helicopter  
     **choice**  
     *use* selection  
     **choked** flow  
     **chokes**  
     **chokes** (fuel systems)  
     **chokes** (restrictions)  
     **cholera**  
     **Cholesky** factorization  
     **cholesterol**  
     **choline**  
     **cholinergic** blocking agents  
     *use* anticholinergics  
     **cholinergics**  
     **cholinesterase**  
 Hvittis **chondrite**  
     **chondrites**  
 carbonaceous **chondrites**  
 Pantar **chondrites**  
     **chondrule**  
 electric **choppers**  
     **choppers** (electric)  
     *use* electric choppers  
 aerodynamic **chords**  
     *use* airfoil profiles  
     chords (geometry)  
     **chords** (geometry)  
     **choroid** membranes  
 dawn **chorus**  
     **chorus** (dawn phenomenon)  
     *use* dawn chorus  
     **chorus** phenomenon  
     *use* dawn chorus  
 Schwarz- **Christoffel** transformation  
     **chromates**  
 potassium **chromates**  
     **chromatin**

**chromatography**  
 gas **chromatography**  
 gel **chromatography**  
 gel filtration **chromatography**  
     *use* gel chromatography  
 gel permeation **chromatography**  
     *use* gel chromatography  
 liquid **chromatography**  
 paper **chromatography**  
 plasma **chromatography**  
     *use* ion mobility spectroscopy  
 thin layer **chromatography**  
**chrome**  
     *use* chromium  
**chromic** acid  
**chromites**  
 sodium **chromites**  
     **chromium**  
     **chromium** alloys  
     **chromium** borides  
     **chromium** bromides  
     **chromium** carbides  
     **chromium** compounds  
     **chromium** fluorides  
     **chromium** isotopes  
     **chromium** oxides  
     **chromium** steels  
 quantum **chromodynamics**  
**chromophores**  
**chromosome** aberrations  
**chromosomes**  
**chromosphere**  
**chronaxy**  
**chronic** conditions  
**chronobiology**  
     *use* rhythm (biology)  
**chronographs**  
     *use* chronometers  
**chronology**  
**chronometers**  
**chronophotography**  
**chronotrons**  
     *use* pulse rate  
     time lag  
**chugging**  
     *use* combustion stability  
**Chukchi** Sea  
**chutes**  
 drag **chutes**  
**CID**  
     *use* charge injection devices  
**cinder** cones  
     *use* cones (volcanoes)  
**cinefluorography**  
     *use* motion pictures  
     radiography  
**cinematography**  
 lunar **cinematography**  
     *use* lunar photography  
**cineradiography**  
     *use* motion pictures  
     radiography  
**cinespectrographs**  
**cinetheodolites**  
**circadian** rhythms  
 minor **circle** turning flight  
 great **circles**  
 Mohr **circles**  
     *use* fracture mechanics  
 Rowland **circles**  
     **circles** (geometry)  
 sneak **circuit** analysis  
     **circuit** boards  
     **circuit** breakers  
 short **circuit** currents  
     **circuit** diagrams  
     **circuit** protection  
     **circuit** reliability  
 closed **circuit** television

- open **circuit** voltage
- circuits**
- adders **(circuits)**
  - use* adding circuits
- adding **circuits**
- analog **circuits**
- application specific integrated **circuits**
- bistable **circuits**
- cancellation **circuits**
- circulators (phase shift **circuits)**
- clamping **circuits**
- clipper **circuits**
- coincidence **circuits**
- comparator **circuits**
- conjugated **circuits**
- counting **circuits**
- coupling **circuits**
- custom integrated **circuits**
  - use* application specific integrated circuits
- delay **circuits**
- digital **circuits**
  - use* digital electronics
- Diode-Transistor-Logic integ **circuits**
  - use* DTL integrated circuits
- DTL integrated **circuits**
- electric **circuits**
  - use* circuits
- equalizers **(circuits)**
- equivalent **circuits**
- exploding conductor **circuits**
  - use* circuits
  - exploding wires
- feedback **circuits**
- fire control **circuits**
- fluidic **circuits**
- gates **(circuits)**
- hybrid **circuits**
- integrated **circuits**
- LC **circuits**
- limiter **circuits**
- linear **circuits**
- linear integrated **circuits**
- logic **circuits**
- LR **circuits**
  - use* RL circuits
- LRC **circuits**
  - use* RLC circuits
- magnetic **circuits**
- matrices **(circuits)**
- microwave **circuits**
- mixing **circuits**
- monolithic **circuits**
  - use* integrated circuits
- negative resistance **circuits**
- phase shift **circuits**
- pneumatic **circuits**
- power supply **circuits**
- printed **circuits**
- RC **circuits**
- RL **circuits**
- RLC **circuits**
- short **circuits**
- squelch **circuits**
- sweep **circuits**
- switching **circuits**
- transistor **circuits**
- transistor-transistor-logic integ **circuits**
  - use* TTL integrated circuits
- transmission **circuits**
- trigger **circuits**
- TTL integrated **circuits**
- varactor diode **circuits**
- very high speed integrated **circuits**
  - use* VHSIC (circuits)
- VHSIC **(circuits)**
- wire bridge **circuits**
- circular** cones
- circular** cylinders
- circular** orbits
- circular** plates
- circular** polarization
- circular** shells
- circular** tubes
- circular** waveguides
- circulation**
- atmospheric **circulation**
- blood **circulation**
- brain **circulation**
- capillary **circulation**
  - use* capillary flow
- coronary **circulation**
- intercranial **circulation**
- ocular **circulation**
- peripheral **circulation**
- pulmonary **circulation**
- registers (air **circulation)**
- thermohaline **circulation**
- water **circulation**
- wind **circulation**
  - use* atmospheric circulation
- zonal **circulation**
  - use* zonal flow (meteorology)
- circulation** control airfoils
- circulation** control rotors
- circulation** distribution
- Atmospheric General **Circulation** Experiment
- Atmospheric General **Circulation** Models
- circulators** (phase shift circuits)
- circulatory** system
- circumferences**
- circumlunar** communication
- circumlunar** trajectories
- circumpolar** westerlies
- circumsolar** radiation
- circumsolar** telescopes
- circumstellar** matter
  - use* stellar envelopes
- cirques** (landforms)
- cirrocumulus** clouds
- cirrostratus** clouds
- infrared **cirrus** (astronomy)
- cirrus** clouds
- cirrus** shields
- CIS**
  - use* Commonwealth of Independent States
- cislunar** space
- cities**
- citrates**
- citric** acid
- citrus** trees
- Vatican **City**
- St Louis-Kansas **City** Corridor (MO)
- New York **City** (NY)
- civil** aviation
- civil** defense
- CL-41** aircraft
- Canadair **CL-41** aircraft
  - use* CL-41 aircraft
- CL-44** aircraft
- Canadair **CL-44** aircraft
  - use* CL-44 aircraft
- CL-84** aircraft
- Canadair **CL-84** aircraft
  - use* CL-84 aircraft
- CL-595** helicopter
  - use* XH-51 helicopter
- Lockheed **CL-595** helicopter
  - use* XH-51 helicopter
- CL-600** challenger aircraft
- CL-823** aircraft
- Lockheed **CL-823** aircraft
  - use* CL-823 aircraft
- cladding**
- claiming**
- clamped** structures
- clamping** circuits

- clamps**
- clarity**
- Clark** Y airfoil
  - use* airfoil profiles
- CLARREO** (observatory)
- classes**
- Classic** aircraft
  - use* IL-62 aircraft
- classical** mechanics
- image **classification**
- classifications**
- classifiers**
- classifying**
- clathrates**
- clays**
- clean** energy
- clean** fuels
- clean** rooms
- cleaners**
- washers **(cleaners)**
- cleaning**
- chemical **cleaning**
- ultrasonic **cleaning**
- cleanliness**
- environmental **cleanup**
- clear** air turbulence
- clearances**
- clearing**
- ice **clearings**
  - use* polynyas
- clearings** (openings)
- cleavage**
- Clebsch-Gordan** coefficients
- Clementine** spacecraft
- client** server systems
- cliffs**
- climate**
- Climate** Absolute Radiance and Refractivity Observatory
  - use* CLARREO (observatory)
- climate** change
- Gravity Recovery and **Climate** Experiment mission
  - use* GRACE mission
- climate** models
- Mars **Climate** Orbiter
- climatology**
- FIRE **(climatology)**
- International Satellite Cloud **Climatology**
  - use* ISCCP Project
- QBO **(climatology)**
  - use* quasi-biennial oscillation
- Mars Geoscience **Climatology** Orbiter
  - use* Mars Observer
- rate of **climb** indicators
- climbing** flight
- clinical** markers
  - use* biomarkers
- clinical** medicine
- clinorotation**
- clinostat** rotation
  - use* clinorotation
- clinostating**
  - use* clinorotation
- clinostats**
- Delta **Clipper**
- clipper** circuits
- clips**
- clock** paradox
- clocks**
- atomic **clocks**
- autonomous spacecraft **clocks**
- biological **clocks**
  - use* rhythm (biology)
- clogging**
  - use* plugging
- clone** cells
- cloning** (biology)
- close** packed lattices
- closed** basins
  - use* structural basins
- closed** circuit television
- closed** cycles
- closed** ecological systems
- closed** faults
  - use* geological faults
- closed** loop systems
  - use* feedback control
- closing**
- Clostridium**
- Clostridium** botulinum
- crack **closure**
- closure** law
- closures**
- cloth**
  - use* fabrics
- wire **cloth**
- clothing**
- flight **clothing**
- protective **clothing**
- vapor barrier **clothing**
- clotting**
- Oort **cloud**
- Ice, **Cloud** and Land Elevation Satellite
- cloud** chambers
- International Satellite **Cloud** Climatology
  - use* ISCCP Project
- cloud** cover
- cloud-to-**cloud** discharges
- cloud** dispersal
- cloud** glaciation
- cloud** height indicators
- chaotic **cloud** patterns
  - use* clouds (meteorology)
- cloud** photographs
- cloud** photography
- cloud** physics
- Atmospheric **Cloud** Physics Lab (Spacelab)
- cloud** seeding
- cloud-to-ground** discharges
- clouds**
- anvil **clouds**
- arc **clouds**
- artificial **clouds**
- barium ion **clouds**
- cap **clouds**
- chemical **clouds**
- cirrocumulus **clouds**
- cirrostratus **clouds**
- cirrus **clouds**
- convection **clouds**
- cumulonimbus **clouds**
- cumulus **clouds**
- electron **clouds**
- exhaust **clouds**
- ground **clouds**
  - use* exhaust clouds
- hydrogen **clouds**
- ice **clouds**
- launch **clouds**
  - use* exhaust clouds
- Magellanic **clouds**
- magnetic **clouds**
- meteoroid dust **clouds**
- molecular **clouds**
- nimbostratus **clouds**
- nimbus **clouds**
  - use* nimbostratus clouds
- noctilucent **clouds**
- Ophiuchi **clouds**
- orographic **clouds**
  - use* cap clouds
- plasma **clouds**
- stratocumulus **clouds**
- stratus **clouds**
- Venus **clouds**

	<b>Clouds</b> and the Earth's Radiant Energy System	birefringent <b>coatings</b>
	<i>use</i> CERES (experiment)	cathodic <b>coatings</b>
	<b>clouds</b> (meteorology)	ceramal protective <b>coatings</b>
	<b>CloudSat</b>	<i>use</i> cermets
	<b>clumps</b>	protective coatings
Pleiades	<b>cluster</b>	ceramic <b>coatings</b>
Virgo galactic	<b>cluster</b>	glass <b>coatings</b>
Virgo star	<b>cluster</b>	gold <b>coatings</b>
	<i>use</i> Virgo galactic cluster	inorganic <b>coatings</b>
	<b>cluster</b> analysis	metal <b>coatings</b>
	<b>Cluster</b> Mission	nickel <b>coatings</b>
	<b>cluster</b> variation method	optical <b>coatings</b>
	<b>clusters</b>	plastic <b>coatings</b>
atomic	<b>clusters</b>	primers <b>(coatings)</b>
galactic	<b>clusters</b>	protective <b>coatings</b>
globular	<b>clusters</b>	refractory <b>coatings</b>
metal	<b>clusters</b>	rubber <b>coatings</b>
molecular	<b>clusters</b>	solar selective <b>coatings</b>
open	<b>clusters</b>	<i>use</i> selective surfaces
Praesepe star	<b>clusters</b>	sprayed <b>coatings</b>
satellite	<b>clusters</b>	sprayed protective <b>coatings</b>
	<i>use</i> satellite constellations	<i>use</i> protective coatings
star	<b>clusters</b>	sprayed coatings
	<b>clutches</b>	thermal control <b>coatings</b>
	<b>clutter</b>	thermochromic <b>coatings</b>
radar	<b>clutter</b> maps	zinc <b>coatings</b>
	<b>CMBR</b> (astronomy)	<b>coaxial</b> cables
	<i>use</i> cosmic microwave background radiation	<b>coaxial</b> flow
	<b>CMOS</b>	<b>coaxial</b> nozzles
	<b>CN</b> emission	<b>coaxial</b> plasma accelerators
	<b>cnoidal</b> waves	<b>coaxial</b> transmission
	<b>CNSR</b>	<i>use</i> coaxial cables
	<i>use</i> Rosetta mission	transmission
	<b>CNT</b> (nanotechnology)	flat <b>coaxial</b> transmission lines
	<i>use</i> carbon nanotubes	<i>use</i> microstrip transmission lines
Manitou	<b>(CO)</b>	<b>cobalt</b>
Pike's Peak	<b>(CO)</b>	<b>cobalt</b> 58
San Juan Mountains	<b>(CO)</b>	<b>cobalt</b> 60
	<b>Coachella</b> Valley (CA)	<b>cobalt</b> acetates
	<b>coagulation</b>	<b>cobalt</b> alloys
blood	<b>coagulation</b>	<b>cobalt</b> compounds
	<b>coal</b>	<b>cobalt</b> fluorides
hard	<b>coal</b>	<b>cobalt</b> isotopes
	<i>use</i> anthracite	<b>cobalt</b> oxalates
solvent refined	<b>coal</b>	<b>cobalt</b> oxides
	<b>coal</b> derived gases	<b>COBE</b>
	<b>coal</b> derived liquids	<i>use</i> Cosmic Background Explorer satellite
	<b>coal</b> gasification	<b>Cobol</b>
	<b>coal</b> liquefaction	<b>Cobra</b> Dane (radar)
	<b>coal</b> utilization	<b>Coccomyces</b>
	<b>coalescence</b>	<b>cochannel</b> interference
	<i>use</i> coalescing	<b>cochlea</b>
	<b>coalescing</b>	<b>Cock</b> aircraft
	<b>Coanda</b> effect	<i>use</i> AN-22 aircraft
	<b>coarseness</b>	<b>cockpit</b> assistant systems
Ostwald	<b>coarsening</b>	<i>use</i> pilot support systems
	<i>use</i> Ostwald ripening	<b>cockpit</b> simulators
Ivory	<b>Coast</b>	<b>cockpit</b> weather information systems
	<i>use</i> Cote d'Ivoire	<b>cockpits</b>
	<b>coastal</b> currents	<b>cockroaches</b>
	<b>coastal</b> dunes	<b>cocks</b>
	<i>use</i> dunes	<b>COD</b> aircraft
	<b>coastal</b> ecology	<i>use</i> C-2 aircraft
	<b>coastal</b> marshlands	<b>COD</b> (cracks)
	<i>use</i> marshlands	<i>use</i> crack opening displacement
	<b>coastal</b> plains	biternary <b>code</b>
	<b>coastal</b> ranges (CA)	genetic <b>code</b>
	<b>coastal</b> water	Legendre <b>code</b>
	<b>Coastal</b> Zone Color Scanner	<i>use</i> computer programming
	<b>coasting</b> flight	neutron scattering
	<b>coasts</b>	Morse <b>code</b>
	<b>coating</b>	<b>code</b> division multiple access
	<b>coatings</b>	<b>code</b> division multiplexing
aluminum	<b>coatings</b>	differential pulse <b>code</b> modulation
anodic	<b>coatings</b>	pulse <b>code</b> modulation
antiradar	<b>coatings</b>	<b>coders</b>
antireflection	<b>coatings</b>	<b>codes</b>
		BCH <b>codes</b>

**codes**

binary **codes**  
 Bose-Chaudhuri-Hocquenghem **codes**  
     *use* BCH codes  
 computer **codes**  
     *use* computer programs  
 concatenated **codes**  
 error correcting **codes**  
 error detection **codes**  
 Reed-Solomon **codes**  
     RS **codes**  
     *use* Reed-Solomon codes  
     **coding**  
     color **coding**  
     trellis **coding**  
 absorption **coefficient**  
     *use* absorptivity  
 accommodation **coefficient**  
 coherence **coefficient**  
 diffusion **coefficient**  
 discharge **coefficient**  
 friction **coefficient**  
     *use* coefficient of friction  
 friction loss **coefficient**  
     *use* friction factor  
 Glauert **coefficient**  
     *use* aerodynamic forces  
     Mach number  
 Hall **coefficient**  
     *use* Hall effect  
 influence **coefficient**  
 nozzle **coefficient**  
     *use* nozzle flow  
 Onsager phenomenological **coefficient**  
 Racah **coefficient**  
 recombination **coefficient**  
 reflection **coefficient**  
     *use* reflectance  
 Seebeck **coefficient**  
     *use* Seebeck effect  
 SIC (**coefficient**)  
     *use* structural influence coefficients  
 Soret **coefficient**  
 Wigner **coefficient**  
     **coefficient** of friction  
     **coefficients**  
 aerodynamic **coefficients**  
 attenuation **coefficients**  
 binomial **coefficients**  
 Clebsch-Gordan **coefficients**  
 correlation **coefficients**  
 coupling **coefficients**  
 drag **coefficients**  
 flow **coefficients**  
 heat transfer **coefficients**  
 hydrodynamic **coefficients**  
 ionization **coefficients**  
 lift **coefficients**  
     *use* aerodynamic coefficients  
     lift  
 nozzle thrust **coefficients**  
 regression **coefficients**  
 resistance **coefficients**  
     *use* resistance  
 scattering **coefficients**  
 structural influence **coefficients**  
 thermal accommodation **coefficients**  
     *use* accommodation coefficient  
 transport **coefficients**  
     *use* transport properties  
 virial **coefficients**  
 coenzymes  
 coercivity  
 coesite  
 coffee  
 Coffin-Manson law  
 cogeneration  
 cognition  
 cognitive psychology  
 COGO (programming language)

**cohenite**  
**coherence**  
 phase **coherence**  
**coherence** coefficient  
**coherent** acoustic radiation  
**coherent** anti-Stokes Raman  
     spectroscopy  
     *use* Raman spectroscopy  
**coherent** electromagnetic radiation  
**coherent** light  
**coherent** radar  
**coherent** radiation  
**coherent** scattering  
**coherent** sources  
     *use* coherent radiation  
     radiation sources  
 two photon **coherent** states  
     *use* squeezed states (quantum  
     theory)  
**coherent** transmission  
     *use* coherent radiation  
**cohesion**  
**cohomology**  
     *use* homology  
**COIL** (lasers)  
     *use* chemical oxygen-iodine lasers  
**coils**  
 electric **coils**  
 field **coils**  
 magnet **coils**  
 magnetic **coils**  
**COIN** aircraft  
**coincidence** circuits  
**coining**  
**coke**  
**Coke** aircraft  
     *use* AN-24 aircraft  
**colchicine**  
**cold** acclimatization  
**cold** blooded animals  
     *use* poikilothermia  
**Cold** Bokkeveld meteorite  
**cold** cathode tubes  
**cold** cathodes  
**cold** drawing  
**cold** flow tests  
**cold** forming  
     *use* cold working  
**cold** fronts  
**cold** gas  
**cold** hardening  
**cold** neutrons  
**cold** plasmas  
**cold** pressing  
**cold** rolling  
**cold** strength  
**cold** surfaces  
**cold** tolerance  
**cold** traps  
**cold** walls  
     *use* cold surfaces  
     walls  
**cold** water  
**cold** weather  
**cold** weather tests  
**cold** welding  
**cold** working  
**Coleoptera**  
**colic**  
**collagens**  
**collapse**  
 gravitational **collapse**  
**collating**  
**collection**  
 data **collection** platforms  
**collectors**  
     *use* accumulators  
 dust **collectors**  
 solar **collectors**

	<b>colleges</b>		<b>columbium</b>
	<i>use</i> universities		<i>use</i> niobium
superconducting super	<b>collider</b>		<b>Columbus</b> module
	<b>collimation</b>		<b>Columbus</b> space station
	<b>collimators</b>	vertebral	<b>column</b>
	<b>collinearity</b>		<i>use</i> spine
	<b>collision</b> avoidance	hoop	<b>column</b> antennas
Beacon	<b>Collision</b> Avoidance System		<b>columns</b>
	<b>collision</b> parameters	tapered	<b>columns</b>
	<b>collision</b> rates	vortex	<b>columns</b>
	<b>collision</b> warning devices		<i>use</i> vortices
	<i>use</i> collision avoidance		<b>columns</b> (process engineering)
	warning systems		<b>columns</b> (supports)
	<b>collisional</b> plasmas		<b>coma</b>
	<b>collisionless</b> plasmas		<b>combat</b>
	<b>collisions</b>	multi-role	<b>combat</b> aircraft
asteroid	<b>collisions</b>		<i>use</i> MRCA aircraft
atomic	<b>collisions</b>	tanks	<b>(combat</b> vehicles)
bird-aircraft	<b>collisions</b>		<b>combination</b>
cometary	<b>collisions</b>		<b>combinations</b> (mathematics)
Coulomb	<b>collisions</b>		<b>combinatorial</b> analysis
elastic	<b>collisions</b>	rocket-based	<b>combined</b> -cycle engines
	<i>use</i> elastic scattering		<b>combined</b> cycle power generation
electron	<b>collisions</b>		<b>Combined</b> Release and Radiation
	<i>use</i> electron scattering		Effects Sat
heavy ion	<b>collisions</b>		<i>use</i> CRRES (satellite)
	<i>use</i> ionic collisions		<b>combined</b> stress
inelastic	<b>collisions</b>		<b>combustibility</b>
ionic	<b>collisions</b>		<i>use</i> flammability
meteorite	<b>collisions</b>		<b>combustible</b> flow
midair	<b>collisions</b>		<b>combustion</b>
molecular	<b>collisions</b>	acoustic	<b>combustion</b>
particle	<b>collisions</b>		<i>use</i> combustion stability
	<b>collocation</b>	blowoff	<b>(combustion)</b>
	<b>colloidal</b> generators		<i>use</i> flameout
	<b>colloidal</b> propellants	boundary layer	<b>combustion</b>
	<b>colloidal</b> suspensions	fuel	<b>combustion</b>
	<i>use</i> colloids	heat of	<b>combustion</b>
	<b>colloiding</b>	hybrid	<b>combustion</b>
	<b>colloids</b>		<i>use</i> hybrid propellant rocket engines
	<b>Colombia</b>	hydrocarbon	<b>combustion</b>
Llanos Orientales	<b>(Colombia)</b>	hypersonic	<b>combustion</b>
Magdalena-Cauca Valley	<b>(Colombia)</b>	metal	<b>combustion</b>
	<b>colonies</b>	propellant	<b>combustion</b>
Mars	<b>colonies</b>	solid propellant	<b>combustion</b>
	<i>use</i> Mars bases	spontaneous	<b>combustion</b>
space	<b>colonies</b>	supersonic	<b>combustion</b>
	<b>color</b>	turbulent	<b>combustion</b>
stellar	<b>color</b>		<b>combustion</b> chambers
water	<b>color</b>		<b>combustion</b> chemistry
	<b>color</b> centers		<b>combustion</b> control
	<b>color</b> coding	external	<b>combustion</b> efficiency
color-	<b>color</b> diagram	internal	<b>combustion</b> engines
	<b>color</b> enhancement		<b>combustion</b> engines
	<i>use</i> color coding		<b>combustion</b> heat
	<b>color</b> infrared photography		<i>use</i> heat of combustion
	<b>color</b> -magnitude diagram		<b>combustion</b> instability
	<b>color</b> (particle physics)		<i>use</i> combustion stability
	<i>use</i> quantum chromodynamics		<b>combustion</b> physics
	<b>color</b> perception	supersonic	<b>combustion</b> products
	<i>use</i> color vision		<b>combustion</b> ramjet engines
	<b>color</b> photography		<b>combustion</b> stability
Coastal Zone	<b>Color</b> Scanner		<b>combustion</b> synthesis
ocean	<b>color</b> scanner		<b>combustion</b> temperature
	<b>color</b> television		<b>combustion</b> vibration
	<b>color</b> vision		<b>combustion</b> waves
	<b>Colorado</b>		<i>use</i> flame propagation
	<b>Colorado</b> Plateau (US)		<b>combustion</b> wind tunnels
	<b>Colorado</b> River (North America)		<b>combustors</b>
	<b>coloration</b>		<i>use</i> combustion chambers
	<i>use</i> color	dump	<b>combustors</b>
	<b>colorimetry</b>	Arend-Roland	<b>comet</b>
	<b>cols</b>	Austin	<b>comet</b>
	<i>use</i> gaps (geology)	Brorsen-Metcalf	<b>comet</b>
British	<b>Columbia</b>	Encke	<b>comet</b>
District of	<b>Columbia</b>	Giacobini-Zinner	<b>comet</b>
	<b>Columbia</b> (Orbiter)	Grigg-Skjellerup	<b>comet</b>
	<b>Columbia</b> River Basin (ID-OR-WA)	Hale-Bopp	<b>comet</b>
		Halley's	<b>comet</b>

Humason	<b>comet</b>	digital	<b>communication</b>
IRAS-Araki-Alcock	<b>comet</b>		<i>use</i> pulse communication
Kohoutek	<b>comet</b>	electrocutaneous	<b>communication</b>
Morehouse	<b>comet</b>	extraterrestrial	<b>communication</b>
Mrkos	<b>comet</b>	facsimile	<b>communication</b>
Okazaki-Levy-Rudenko	<b>comet</b>	free-space optical	<b>communication</b>
Schwassmann-Wachmann	<b>comet</b>	ground-air-ground	<b>communication</b>
Shoemaker-Levy 9	<b>comet</b>	interplanetary	<b>communication</b>
Tempel 1	<b>comet</b>	interprocessor	<b>communication</b>
Tempel 2	<b>comet</b>	interstellar	<b>communication</b>
West	<b>comet</b>	laser	<b>communication</b>
Wild 2	<b>comet</b>		<i>use</i> optical communication
	<b>Comet</b> 4 aircraft	light	<b>communication</b>
	<b>comet</b> heads		<i>use</i> optical communication
	<b>comet</b> nuclei	line of sight	<b>communication</b>
	<b>Comet</b> Nucleus Tour	lunar	<b>communication</b>
	<b>Comet</b> Rendezvous Asteroid Flyby Mission	multichannel	<b>communication</b>
	<b>comet</b> tails	optical	<b>communication</b>
	<b>cometary</b> atmospheres	packets	<b>(communication)</b>
	<b>cometary</b> collisions	point to point	<b>communication</b>
International	<b>Cometary</b> Explorer	pulse	<b>communication</b>
	<i>use</i> International Sun Earth Explorer 3	quantum	<b>communication</b>
	<b>cometary</b> magnetospheres	radio	<b>communication</b>
	<b>comets</b>	reentry	<b>communication</b>
	<b>comfort</b>	satellite	<b>communication</b>
thermal	<b>comfort</b>	scrambling	<b>(communication)</b>
	<b>command</b> and control	ship to shore	<b>communication</b>
	<b>command-control</b>	space	<b>communication</b>
	<i>use</i> command and control	spacecraft	<b>communication</b>
	<b>command</b> guidance	transoceanic	<b>communication</b>
	<b>command</b> languages	underground	<b>communication</b>
	<b>command</b> modules	underwater	<b>communication</b>
Advanced Airborne	<b>Command</b> Post	verbal	<b>communication</b>
	<i>use</i> E-4A aircraft	video	<b>communication</b>
	<b>command</b> service modules	voice	<b>communication</b>
	<b>command</b> systems	wideband	<b>communication</b>
	<i>use</i> command guidance	wireless	<b>communication</b>
digital	<b>command</b> systems		<b>communication</b> cables
	<b>Commando</b> aircraft	NASA	<b>Communication</b> equipment
	<i>use</i> C-46 aircraft		<b>Communication</b> Network
	<b>commands</b>		<i>use</i> NASCOM network
sudden storm	<b>commencements</b>		<b>communication</b> networks
	<b>commerce</b>	Maritime	<b>Communication</b> Satellite (ESA)
e-	<b>commerce</b>		<i>use</i> Marots (ESA)
	<i>use</i> electronic commerce		<b>communication</b> satellites
electronic	<b>commerce</b>	Synchronous	<b>Communication</b> Satellites
	<b>commerce</b> lab		<i>use</i> SYNCOM satellites
supersonic	<b>commercial</b> air transport	Fleet Satellite	<b>Communication</b> System
	<b>commercial</b> aircraft		<b>communication</b> systems
	<b>commercial</b> aviation		<i>use</i> telecommunication
	<i>use</i> civil aviation	mobile	<b>communication</b> systems
	commercial aircraft		<b>communication</b> theory
	<b>commercial</b> energy	statistical	<b>communication</b> theory
	<b>commercial</b> off-the-shelf products		<i>use</i> communication theory
Arabian	<b>commercial</b> satellite	ground effect	<b>(communications)</b>
	<i>use</i> Arcomsat	transmission rate	<b>(communications)</b>
	<b>commercial</b> spacecraft	transmission speed	<b>(communications)</b>
space	<b>commercialization</b>		<i>use</i> transmission rate
	<b>comminution</b>		<b>(communications)</b>
grinding	<b>(comminution)</b>	Global	<b>Communications</b> Antenna Grid (navy)
COSPAR	<b>(committee)</b>		<i>use</i> Seafarer project
	<i>use</i> Committee on Space Research	European	<b>Communications</b> Satellite
	<b>Committee</b> on Space Research	Synchronous	<b>Communications</b> Satellite Proj
	<b>commodities</b>	Defense	<b>Communications</b> Satellite System
	<b>Common</b> Business Oriented Language	satellite	<b>communications</b> ships
	<i>use</i> Cobol	defense	<b>communications</b> system (DCS)
	<b>commonality</b>	domestic satellite	<b>communications</b> systems
	<b>Commonwealth</b> of Independent States	Advanced	<b>Communications</b> Technology Sat
	<b>communicating</b>		<i>use</i> ACTS
	<b>communication</b>		<b>Communications</b> Technology Satellite
aircraft	<b>communication</b>	China	<b>(communist)</b> mainland
ARQ	<b>(communication)</b>		<i>use</i> China
	<i>use</i> automatic repeat request		<b>communities</b>
bursts	<b>(communication)</b>		<b>commutation</b>
	<i>use</i> packets (communication)		<b>commutators</b>
circumlunar	<b>communication</b>		<b>commuter</b> aircraft
			<b>compact</b> disk read-only memory devices
			<i>use</i> optical disks
			<b>compact</b> galaxies

massive	<b>compact</b> halo objects	RTM ( <b>composite</b> materials)
military	<b>compact</b> reactors	<i>use</i> resin transfer molding
	<b>compacting</b>	stacking sequence ( <b>composite</b> materials)
data	<b>compaction</b>	<b>composite</b> propellants
	<i>use</i> data compression	<b>composite</b> structures
	<b>compactness</b>	<b>composite</b> wrapping
	<i>use</i> void ratio	<b>composites</b>
	<b>companding</b>	<i>use</i> composite materials
solar	<b>companion</b> star	aluminum boron <b>composites</b>
	<i>use</i> Nemesis (star)	aluminum graphite <b>composites</b>
	<b>companion</b> stars	aramid fiber <b>composites</b>
	<b>comparator</b> circuits	boron-epoxy <b>composites</b>
	<b>comparators</b>	braided <b>composites</b>
	<b>comparison</b>	carbon-carbon <b>composites</b>
	<b>compartmentation</b>	carbon-phenolic <b>composites</b>
	<i>use</i> compartments	carbon-silicon carbide <b>composites</b>
	<b>compartments</b>	ceramic matrix <b>composites</b>
aircraft	<b>compartments</b>	ceramic-metal <b>composites</b>
	<b>COMPASS</b> (programming language)	<i>use</i> cermets
	<b>compasses</b>	epoxy matrix <b>composites</b>
magnetic	<b>compasses</b>	eutectic <b>composites</b>
solar	<b>compasses</b>	fiber <b>composites</b>
	<b>compatibility</b>	graphite-epoxy <b>composites</b>
chemical	<b>compatibility</b>	graphite-polyimide <b>composites</b>
electromagnetic	<b>compatibility</b>	hybrid <b>composites</b>
systems	<b>compatibility</b>	metal matrix <b>composites</b>
computer	<b>compatible</b> tapes	particulate reinforced <b>composites</b>
	<b>compensation</b>	polymer matrix <b>composites</b>
image motion	<b>compensation</b>	resin matrix <b>composites</b>
instrument	<b>compensation</b>	three dimensional <b>composites</b>
temperature	<b>compensation</b>	whisker <b>composites</b>
	<b>compensators</b>	woven <b>composites</b>
	<b>compensatory</b> tracking	<b>composition</b>
	<b>competition</b>	atmospheric <b>composition</b>
	<b>compilation</b> (computers)	chemical <b>composition</b>
	<i>use</i> compilers	concentration ( <b>composition</b> )
	<b>compiler</b> programs	gas <b>composition</b>
	<i>use</i> compilers	ionospheric <b>composition</b>
	<b>compilers</b>	lunar <b>composition</b>
	<b>complement</b>	meteoritic <b>composition</b>
	<b>complement</b> (biology)	planetary <b>composition</b>
	<b>complementary</b> DNA	plasma <b>composition</b>
	<b>complementary</b> metal oxide	stellar <b>composition</b>
	semiconductors	body <b>composition</b> (biology)
	<i>use</i> CMOS	Lower Atmospheric <b>Composition</b> Experiment
	<b>complements</b> (mathematics)	<i>use</i> LACATE (experiment)
	<b>completeness</b>	Advanced <b>Composition</b> Explorer
Cape Kennedy launch	<b>complex</b>	<b>composition</b> (property)
vitamin B	<b>complex</b>	<b>composting</b>
	<i>use</i> biotin	<b>compound</b> A
	<b>complex</b> compounds	<b>compound</b> helicopters
Langley	<b>complex</b> coordinator	<b>compounding</b>
	<b>complex</b> numbers	<b>compounds</b>
	<b>complex</b> systems	acetyl <b>compounds</b>
	<b>complex</b> variables	actinide series <b>compounds</b>
launch	<b>complexes</b>	aliphatic <b>compounds</b>
	<i>use</i> launching bases	alkali metal <b>compounds</b>
	<b>complexity</b>	alkaline earth <b>compounds</b>
task	<b>complexity</b>	alkyl <b>compounds</b>
	<b>compliance</b> (elasticity)	allyl <b>compounds</b>
	<i>use</i> modulus of elasticity	aluminum <b>compounds</b>
	<b>complication</b>	ammonium <b>compounds</b>
	<i>use</i> complexity	antimony <b>compounds</b>
	<b>component</b> reliability	aromatic <b>compounds</b>
	<b>components</b>	arsenic <b>compounds</b>
ALU (computer)	<b>components</b>	aryl <b>compounds</b>
	<i>use</i> arithmetic and logic units	<i>use</i> aromatic compounds
antenna	<b>components</b>	azo <b>compounds</b>
computer	<b>components</b>	barium <b>compounds</b>
missile	<b>components</b>	beryllium <b>compounds</b>
redundant	<b>components</b>	bismuth <b>compounds</b>
spacecraft	<b>components</b>	boron <b>compounds</b>
principal	<b>components</b> analysis	bromine <b>compounds</b>
heavy water	<b>components</b> test reactors	cadmium <b>compounds</b>
	<b>composite</b> functions	calcium <b>compounds</b>
	<b>composite</b> materials	californium <b>compounds</b>
RFI ( <b>composite</b> materials)	<i>use</i> resin film infusion	carbon <b>compounds</b>
		carbonyl <b>compounds</b>
		cerium <b>compounds</b>

## compounds

cesium	<b>compounds</b>	mercapto	<b>compounds</b>
cetyl	<b>compounds</b>		<i>use</i> thiols
chelate	<b>compounds</b>	mercury	<b>compounds</b>
	<i>use</i> chelates	metal	<b>compounds</b>
chemical	<b>compounds</b>	metalloorganic	<b>compounds</b>
chlorine	<b>compounds</b>		<i>use</i> organometallic compounds
chromium	<b>compounds</b>	methyl	<b>compounds</b>
cobalt	<b>compounds</b>	molybdenum	<b>compounds</b>
complex	<b>compounds</b>	neodymium	<b>compounds</b>
copper	<b>compounds</b>	neptunium	<b>compounds</b>
curium	<b>compounds</b>	nickel	<b>compounds</b>
cyano	<b>compounds</b>	niobium	<b>compounds</b>
cyclic	<b>compounds</b>	nitro	<b>compounds</b>
deuterium	<b>compounds</b>	nitrogen	<b>compounds</b>
diallyl	<b>compounds</b>	nitronium	<b>compounds</b>
dibasic	<b>compounds</b>	nitroso	<b>compounds</b>
dibutyl	<b>compounds</b>	organic	<b>compounds</b>
diethyl	<b>compounds</b>	organic aluminum	<b>compounds</b>
difluoro	<b>compounds</b>	organic boron	<b>compounds</b>
dimethyl	<b>compounds</b>	organic fluorine	<b>compounds</b>
diphenyl	<b>compounds</b>		<i>use</i> fluorine organic compounds
dysprosium	<b>compounds</b>	organic germanium	<b>compounds</b>
einsteinium	<b>compounds</b>	organic lithium	<b>compounds</b>
electron	<b>compounds</b>	organic phosphorus	<b>compounds</b>
	<i>use</i> intermetallics	organic silicon	<b>compounds</b>
enantiomeric	<b>compounds</b>	organic sulfur	<b>compounds</b>
	<i>use</i> enantiomers	organic tin	<b>compounds</b>
epoxy	<b>compounds</b>	organometallic	<b>compounds</b>
erbium	<b>compounds</b>	osmium	<b>compounds</b>
ethyl	<b>compounds</b>	oxygen	<b>compounds</b>
ethylene	<b>compounds</b>	palladium	<b>compounds</b>
europium	<b>compounds</b>	perfluoro	<b>compounds</b>
fluorine	<b>compounds</b>	phosphonium	<b>compounds</b>
fluorine organic	<b>compounds</b>	phosphorus	<b>compounds</b>
fluoro	<b>compounds</b>	platinum	<b>compounds</b>
gallium	<b>compounds</b>	plutonium	<b>compounds</b>
germanium	<b>compounds</b>	polonium	<b>compounds</b>
Group 1A	<b>compounds</b>	polynuclear organic	<b>compounds</b>
	<i>use</i> alkali metal compounds	potassium	<b>compounds</b>
Group 1B	<b>compounds</b>	potting	<b>compounds</b>
Group 2A	<b>compounds</b>	praseodymium	<b>compounds</b>
	<i>use</i> alkaline earth compounds	propyl	<b>compounds</b>
Group 2B	<b>compounds</b>	protactinium	<b>compounds</b>
Group 3A	<b>compounds</b>	rare earth	<b>compounds</b>
Group 3B	<b>compounds</b>	rare gas	<b>compounds</b>
Group 4A	<b>compounds</b>	rhenium	<b>compounds</b>
Group 4B	<b>compounds</b>	rhodium	<b>compounds</b>
Group 5A	<b>compounds</b>	rubidium	<b>compounds</b>
Group 5B	<b>compounds</b>	ruthenium	<b>compounds</b>
Group 6A	<b>compounds</b>	samarium	<b>compounds</b>
Group 6B	<b>compounds</b>	scandium	<b>compounds</b>
Group 7A	<b>compounds</b>	selenium	<b>compounds</b>
	<i>use</i> halogen compounds	sheet molding	<b>compounds</b>
Group 7B	<b>compounds</b>	silicon	<b>compounds</b>
Group 8	<b>compounds</b>	silver	<b>compounds</b>
hafnium	<b>compounds</b>	sodium	<b>compounds</b>
halogen	<b>compounds</b>	strontium	<b>compounds</b>
helium	<b>compounds</b>	sulfur	<b>compounds</b>
heterocyclic	<b>compounds</b>	tantalum	<b>compounds</b>
hexyl	<b>compounds</b>	technetium	<b>compounds</b>
high melting	<b>compounds</b>	tellurium	<b>compounds</b>
	<i>use</i> refractory materials	terbium	<b>compounds</b>
hydrazinium	<b>compounds</b>	thallium	<b>compounds</b>
hydrazonium	<b>compounds</b>	thorium	<b>compounds</b>
hydrogen	<b>compounds</b>	thulium	<b>compounds</b>
hydroxyl	<b>compounds</b>	tin	<b>compounds</b>
indium	<b>compounds</b>	titanium	<b>compounds</b>
inorganic	<b>compounds</b>	triethyl	<b>compounds</b>
iodine	<b>compounds</b>	trimethyl	<b>compounds</b>
iridium	<b>compounds</b>	trinitro	<b>compounds</b>
iron	<b>compounds</b>	tropyl	<b>compounds</b>
isopropyl	<b>compounds</b>	tungsten	<b>compounds</b>
lanthanum	<b>compounds</b>	uranium	<b>compounds</b>
lead	<b>compounds</b>	vanadium	<b>compounds</b>
lead organic	<b>compounds</b>	vanadyl	<b>compounds</b>
lithium	<b>compounds</b>	volatile organic	<b>compounds</b>
lutetium	<b>compounds</b>	xenon	<b>compounds</b>
magnesium	<b>compounds</b>	ytterbium	<b>compounds</b>
manganese	<b>compounds</b>	yttrium	<b>compounds</b>

zinc	<b>compounds</b>	CDC Cyber 174	<b>computer</b>
zirconium	<b>compounds</b>	CDC Cyber 175	<b>computer</b>
zwitterionic	<b>compounds</b>	CDC Cyber 203	<b>computer</b>
	<i>use</i> zwitterions	CDC Cyber 205	<b>computer</b>
	<b>compressed</b> air	CDC Star 100	<b>computer</b>
	<b>compressed</b> gas	Cyber 74	<b>computer</b>
	<b>compressed</b> video		<i>use</i> CDC Cyber 74 computer
	<i>use</i> video compression	DDP 516	<b>computer</b>
	<b>compressibility</b>	EAI 680	<b>computer</b>
	<b>compressibility</b> effects	EAI 8400	<b>computer</b>
	<b>compressible</b> boundary layer	EAI 8900	<b>computer</b>
	<b>compressible</b> flow	EMR 6050	<b>computer</b>
	<b>compressible</b> fluids	Ferranti Mercury	<b>computer</b>
	<b>compressing</b>	GE 625	<b>computer</b>
data	<b>compression</b>	GE 635	<b>computer</b>
magnetic	<b>compression</b>	Honeywell 600/6000	<b>computer</b>
plasma	<b>compression</b>	Honeywell ADEPT	<b>computer</b>
pulse	<b>compression</b>	Honeywell DDP 116	<b>computer</b>
speech baseband	<b>compression</b>	IBM 360	<b>computer</b>
video	<b>compression</b>	IBM 370	<b>computer</b>
frequency	<b>compression</b> demodulators	IBM 650	<b>computer</b>
internal	<b>compression</b> inlets	IBM 704	<b>computer</b>
	<b>compression</b> loads	IBM 709	<b>computer</b>
axial	<b>compression</b> loads	IBM 1130	<b>computer</b>
	<b>compression</b> ratio	IBM 1401	<b>computer</b>
	<b>compression</b> testers	IBM 1410	<b>computer</b>
	<i>use</i> compression tests	IBM 1620	<b>computer</b>
	<b>compression</b> tests	IBM 2250	<b>computer</b>
meteorite	<b>compression</b> tests	IBM 7030	<b>computer</b>
	<i>use</i> compression tests	IBM 7040	<b>computer</b>
	mechanical properties	IBM 7044	<b>computer</b>
	meteorites	IBM 7070	<b>computer</b>
	<b>compression</b> waves	IBM 7074	<b>computer</b>
	<b>compressive</b> strength	IBM 7090	<b>computer</b>
	<b>compressor</b> blades	IBM 7094	<b>computer</b>
	<b>compressor</b> efficiency	Illiac 3	<b>computer</b>
	<b>compressor</b> rotors	Illiac 4	<b>computer</b>
	<b>compressors</b>	MINOS	<b>computer</b>
axial	<b>compressors</b>	Modcomp II	<b>computer</b>
	<i>use</i> turbocompressors	Modcomp IV	<b>computer</b>
axial flow	<b>compressors</b>	PDP 7	<b>computer</b>
	<i>use</i> turbocompressors	PDP 8	<b>computer</b>
centrifugal	<b>compressors</b>	PDP 9	<b>computer</b>
multistage	<b>compressors</b>	PDP 10	<b>computer</b>
	<i>use</i> turbocompressors	PDP 11	<b>computer</b>
supersonic	<b>compressors</b>	PDP 12	<b>computer</b>
transonic	<b>compressors</b>	PDP 15	<b>computer</b>
	<b>Compton</b> effect	PDP 11/20	<b>computer</b>
	<b>Compton</b> Gamma Ray Observatory	PDP 11/40	<b>computer</b>
	<i>use</i> Gamma Ray Observatory	PDP 11/45	<b>computer</b>
	<b>compulsators</b>	PDP 11/50	<b>computer</b>
	<b>computation</b>	PDP 11/70	<b>computer</b>
quantum	<b>computation</b>	Pegasus	<b>computer</b>
	<b>computational</b> aeroacoustics	Philco 2000	<b>computer</b>
	<b>computational</b> aerodynamics	RCA spectra 70	<b>computer</b>
	<i>use</i> computational fluid dynamics	SDS 930	<b>computer</b>
	<b>computational</b> astrophysics	SDS 9300	<b>computer</b>
	<b>computational</b> chemistry	Siemens 2002	<b>computer</b>
	<b>computational</b> electromagnetics	SIGMA 5	<b>computer</b>
	<b>computational</b> fluid dynamics	SIGMA 9	<b>computer</b>
	<b>computational</b> geometry	System 10	<b>computer</b>
	<b>computational</b> grids		<i>use</i> PDP 10 computer
	<b>computational</b> grids (computer networks)	Univac 80	<b>computer</b>
	<i>use</i> grid computing (computer networks)	Univac 418	<b>computer</b>
	<b>computational</b> mechanics	Univac 490	<b>computer</b>
CDC 160-A	<b>computer</b>	Univac 494	<b>computer</b>
CDC 1604	<b>computer</b>	Univac 1105	<b>computer</b>
CDC 3100	<b>computer</b>	Univac 1106	<b>computer</b>
CDC 3200	<b>computer</b>	Univac 1107	<b>computer</b>
CDC 3600	<b>computer</b>	Univac 1108	<b>computer</b>
CDC 3800	<b>computer</b>	Univac 1110	<b>computer</b>
CDC 6400	<b>computer</b>	Univac 1230	<b>computer</b>
CDC 6600	<b>computer</b>	Univac Larc	<b>computer</b>
CDC 6700	<b>computer</b>	VAX-11/780	<b>computer</b>
CDC 7600	<b>computer</b>		<b>computer</b> aided design
CDC 8090	<b>computer</b>		<b>computer</b> aided engineering
CDC Cyber 74	<b>computer</b>		<i>use</i> computer aided design
			<b>computer</b> aided manufacturing
			<b>computer</b> aided mapping

# computer

- computer** aided tomography
- computer** animation
- computer** architecture
  - use* architecture (computers)
- computer** assisted instruction
- computer** bulletin boards
  - use* electronic bulletin boards
- computer** codes
  - use* computer programs
- computer** compatible tapes
- computer** components
- ALU (**computer** components)
  - use* arithmetic and logic units
- computer** conferencing
- computer** design
- computer** graphics
- computer** information security
- human-man-**computer** interface
- man-**computer** interface
  - use* human-computer interface
- user-**computer** interface
  - use* human-computer interface
- computer** methods
  - use* computer programs
- ARPA **computer** network
- computer** networks
- computational grids (**computer** networks)
  - use* grid computing (computer networks)
- grid computing (**computer** networks)
- LAN (**computer** networks)
  - use* local area networks
- computer** program integrity
- computer** program reliability
  - use* software reliability
- computer** programming
- computer** programs
- user manuals (**computer** programs)
- windows (**computer** programs)
- computer** security
- computer** simulation
  - use* computerized simulation
- cryogenic **computer** storage
- delay lines (**computer** storage)
- computer** storage devices
- computer** systems design
- embedded **computer** systems
- computer** systems performance
- computer** systems programs
- computer** systems simulation
- computer** techniques
- computer** viruses
- computer** vision
- computerized** control
  - use* numerical control
- computerized** design
  - use* computer aided design
- computerized** simulation
- computers**
- accumulators (**computers**)
- airborne/spaceborne **computers**
- analog **computers**
- API (**computers**)
  - use* application programming interface
- applications programs (**computers**)
- architecture (**computers**)
- associative processing (**computers**)
- auxiliary equipment (**computers**)
  - use* peripheral equipment (computers)
- CDC **computers**
- CDC 6000 series **computers**
- CDC 7000 series **computers**
- CDC Cyber 170 series **computers**
- compilation (**computers**)
  - use* compilers
- control data (**computers**)
- control units (**computers**)
- counting rate **computers**
- Cray **computers**
- data transfer (**computers**)
- DDP **computers**
- digital **computers**
- editing routines (**computers**)
- EHW (**computers**)
  - use* evolvable hardware
- executive systems (**computers**)
  - use* operating systems (computers)
- file maintenance (**computers**)
- firewalls (**computers**)
- flight **computers**
  - use* airborne/spaceborne computers
- GE **computers**
- General Electric **computers**
  - use* GE computers
- GUI (**computers**)
  - use* graphical user interface
- HDL (**computers**)
  - use* hardware description languages
- Hewlett-Packard **computers**
- Honeywell **computers**
- hybrid **computers**
- IBM **computers**
- IBM personal **computers**
- ICL **computers**
- Illiac **computers**
- instruction sets (**computers**)
- intrusion detection (**computers**)
- Macintosh personal **computers**
- memory (**computers**)
- MIMD (**computers**)
- MPP (**computers**)
  - use* massively parallel processors
- multiprocessing (**computers**)
- multitasking (**computers**)
  - use* multiprogramming
- natural language (**computers**)
- Nova **computers**
- onboard **computers**
  - use* airborne/spaceborne computers
- open source licensing (**computers**)
- operating systems (**computers**)
- optical **computers**
- parallel **computers**
- parallel processing (**computers**)
- PDP **computers**
- peripheral equipment (**computers**)
- personal **computers**
- pipelining (**computers**)
- processors (**computers**)
  - use* central processing units
- program reliability (**computers**)
  - use* software reliability
- program verification (**computers**)
- protocol (**computers**)
- quantum **computers**
- Raytheon **computers**
- RCA **computers**
- RCA-110 **computers**
- registers (**computers**)
- response time (**computers**)
- run time (**computers**)
- SDP (**computers**)
  - use* site data processors
- SDS 900 series **computers**
- SEL **computers**
- sequential **computers**
- SIGMA **computers**
- SIMD (**computers**)
- software (**computers**)
  - use* computer programs
- Solomon **computers**
- spacecraft **computers**
  - use* airborne/spaceborne computers
- subroutine libraries (**computers**)
- Univac **computers**
- Univac 1100 series **computers**

VAX	<b>computers</b>	congenital	<b>conditions</b>
VAX-11 series	<b>computers</b>		<i>use</i> congenital anomalies
vector processing	<b>(computers)</b>	drought	<b>conditions</b>
VHDL	<b>(computers)</b>		<i>use</i> drought
	<i>use</i> hardware description languages	flight	<b>conditions</b>
International	<b>Computers</b> Limited	nonadiabatic	<b>conditions</b>
	<i>use</i> ICL computers	nonequilibrium	<b>conditions</b>
quantum	<b>computing</b>	runway	<b>conditions</b>
	<i>use</i> quantum computation	weather	<b>conditions</b>
reduced instruction set	<b>computing</b>		<i>use</i> weather
	<i>use</i> RISC processors	Franck-	<b>Condon</b> principle
grid	<b>computing</b> (computer networks)	Condor	missile
	<b>Comsat</b> program		<b>conductance</b>
	<b>ComStar</b> C		<i>use</i> resistance
	<b>ComStar</b> satellites	negative	<b>conductance</b>
	<b>Con-X</b> observatory		<b>conducting</b>
	<i>use</i> Constellation-X		<i>use</i> conduction
	<b>concatenated</b> codes		<b>conducting</b> fluids
	<b>concavity</b>		<b>conducting</b> media
	<b>concentrating</b>		<i>use</i> conductors
	<b>concentration</b>		<b>conducting</b> polymers
atom	<b>concentration</b>		<b>conduction</b>
carbon dioxide	<b>concentration</b>	heat	<b>conduction</b>
electron density	<b>(concentration)</b>		<i>use</i> conductive heat transfer
ion	<b>concentration</b>		<b>conduction</b> bands
ion density	<b>(concentration)</b>		<b>conduction</b> electrons
meteoroid	<b>concentration</b>	heart	<b>conduction</b> system
particle density	<b>(concentration)</b>		<b>conductive</b> heat transfer
proton density	<b>(concentration)</b>		<b>conductivity</b>
stress	<b>concentration</b>	air	<b>conductivity</b>
	<b>concentration</b> (composition)	atmospheric	<b>conductivity</b>
low	<b>concentrations</b>	electrical	<b>conductivity</b>
	<b>concentrators</b>		<i>use</i> electrical resistivity
spirals	<b>(concentrators)</b>	ionic	<b>conductivity</b>
	<b>concentric</b> cylinders		<i>use</i> ion currents
	<b>concentric</b> spheres	ionospheric	<b>conductivity</b>
	<b>concentricity</b>	low	<b>conductivity</b>
	<b>Concorde</b> aircraft	plasma	<b>conductivity</b>
	<b>concrete</b> structures	thermal	<b>conductivity</b>
	<b>concretes</b>	thermal	<b>conductivity</b> gages
	<b>concurrent</b> engineering		<b>conductivity</b> meters
	<b>concurrent</b> processing	electrical	<b>conductivity</b> meters
	<b>condensates</b>	exploding	<b>conductor</b> circuits
Bose-Einstein	<b>condensates</b>		<i>use</i> circuits
	<b>condensation</b>		exploding wires
film	<b>condensation</b>		<b>conductors</b>
	<b>condensation</b> nuclei	bus	<b>conductors</b>
	<b>condensation</b> pumps	electric	<b>conductors</b>
	<b>condensation</b> trails	exploding	<b>conductors</b>
	<i>use</i> contrails		<i>use</i> exploding wires
	<b>condensed</b> matter physics	flat	<b>conductors</b>
	<b>condenser</b> radiators	thermal	<b>conductors</b>
	<i>use</i> condensers (liquefiers)	light-	<b>cone</b> expansion
	heat radiators		<b>cones</b>
	<b>condensers</b>	ablative nose	<b>cones</b>
Gerdien	<b>condensers</b>	cinder	<b>cones</b>
jet	<b>condensers</b>		<i>use</i> cones (volcanoes)
spray	<b>condensers</b>	circular	<b>cones</b>
	<b>condensers</b> (liquefiers)	half	<b>cones</b>
	<b>condensing</b>	Mach	<b>cones</b>
Kutta-Joukowski	<b>condition</b>	nose	<b>cones</b>
Lipschitz	<b>condition</b>	rocket nose	<b>cones</b>
ill-	<b>conditioned</b> problems (mathematics)	shatter	<b>cones</b>
	<b>conditioned</b> reflexes	slender	<b>cones</b>
	<b>conditioned</b> responses		<b>cones</b> (volcanoes)
	<i>use</i> conditioning (learning)		<b>conferences</b>
	<b>conditioning</b>	computer	<b>conferecing</b>
air	<b>conditioning</b>	video	<b>conferecing</b>
power	<b>conditioning</b>		<b>confidence</b>
air	<b>conditioning</b> equipment		<b>confidence</b> limits
	<b>conditioning</b> (learning)	hammerhead	<b>configuration</b>
	<b>conditioning</b> (treating)		<b>configuration</b> interaction
	<i>use</i> treatment		<b>configuration</b> management
	<b>conditions</b>		<b>configurations</b>
adiabatic	<b>conditions</b>	aerodynamic	<b>configurations</b>
atmospheric	<b>conditions</b>	aircraft	<b>configurations</b>
	<i>use</i> meteorology	blended-wing-body	<b>configurations</b>
boundary	<b>conditions</b>	body-wing	<b>configurations</b>
chronic	<b>conditions</b>	body-wing and tail	<b>configurations</b>

## configurations

BWB	<b>configurations</b> <i>use</i> blended-wing-body configurations	<b>connections</b> <i>use</i> joints (junctions)
canard	<b>configurations</b>	<b>connective tissue</b>
dual wing	<b>configurations</b>	<b>connectors</b>
flying wing	<b>configurations</b> <i>use</i> blended-wing-body configurations	electric <b>connectors</b>
inlet airframe	<b>configurations</b>	umbilical <b>connectors</b>
launch vehicle	<b>configurations</b>	unions <b>(connectors)</b>
magnetic field	<b>configurations</b>	<b>connectors</b> (electric) <i>use</i> electric connectors
missile	<b>configurations</b>	<b>conoids</b> <i>use</i> conical bodies
nacelle wing	<b>configurations</b> <i>use</i> wing nacelle configurations	<b>consciousness</b>
propulsion system	<b>configurations</b>	<b>consecutive events</b>
satellite	<b>configurations</b>	<b>conservation</b>
spacecraft	<b>configurations</b>	energy <b>conservation</b>
spikes (aerodynamic)	<b>configurations</b>	fuel <b>conservation</b> <i>use</i> fuel consumption
wing nacelle	<b>configurations</b>	<b>conservation</b> element and solution element <i>use</i> space-time CE/SE method
wing-body	<b>configurations</b> <i>use</i> body-wing configurations	<b>conservation</b> equations
wing-body and tail	<b>configurations</b> <i>use</i> body-wing and tail configurations	<b>conservation</b> laws
Terminal	<b>Configured</b> Vehicle Program	<b>consistency</b>
control	<b>configured</b> vehicles	paste <b>(consistency)</b>
	<b>confinement</b>	self <b>consistent</b> fields
plasma	<b>confinement</b> <i>use</i> plasma control	<b>consoles</b>
inertial	<b>confinement</b> fusion	remote <b>consoles</b>
	<b>confining</b>	<b>consolidation</b>
	<b>confirmation</b> <i>use</i> proving	<b>consonants</b> (speech)
	<b>confluence</b> <i>use</i> convergence	<b>constant</b>
	<b>conformal</b> mapping	dielectric <b>constant</b> <i>use</i> permittivity
	<b>conformal</b> transformations <i>use</i> conformal mapping	gravitational <b>constant</b>
	<b>confusion</b>	Gruneisen <b>constant</b>
	<b>congeners</b>	Hubble <b>constant</b>
	<b>congenital</b> anomalies	perceptual time <b>constant</b>
	<b>congenital</b> conditions <i>use</i> congenital anomalies	Plancks <b>constant</b>
	<b>congestion</b>	solar <b>constant</b>
Belgian	<b>Congo</b>	time <b>constant</b>
	<i>use</i> Democratic Republic of Congo	<b>constant</b> speed propellers <i>use</i> variable pitch propellers
Democratic Republic of	<b>Congo</b>	<b>constant</b> volume balloons <i>use</i> superpressure balloons
French Equatorial	<b>Congo</b> <i>use</i> Congo (Brazzaville)	<b>constantan</b>
	<b>Congo</b> (Brazzaville)	<b>constants</b>
	<b>Congo</b> (Kinshasa) <i>use</i> Democratic Republic of Congo	elastic <b>constants</b> <i>use</i> elastic properties
	<b>congresses</b> <i>use</i> conferences	physical <b>constants</b> testing reactor <i>use</i> nuclear research and test reactors water cooled reactors
	<b>congressional</b> reports	Andromeda <b>Constellation</b>
	<b>congruences</b>	Aries <b>constellation</b>
	<b>conical</b> bodies	Auriga <b>constellation</b>
	<b>conical</b> camber	Cassiopeia <b>constellation</b>
	<b>conical</b> flare <i>use</i> cones	Centaurus <b>constellation</b>
	<b>conical</b> flow	Cepheus <b>constellation</b>
	<b>conical</b> inlets	Corona Borealis <b>constellation</b>
	<b>conical</b> nozzles	Cygnus <b>constellation</b>
	<b>conical</b> scanning	Lyra <b>constellation</b>
	<b>conical</b> shells	Orion <b>constellation</b>
	<b>conics</b>	Sagittarius <b>constellation</b>
	<b>conifers</b>	Scorpio <b>constellation</b> <i>use</i> Scorpius constellation
	<b>coning</b> motion	Scorpius <b>constellation</b>
	<b>conjugate</b> gradient method	Scutum <b>constellation</b>
	<b>conjugate</b> points	Taurus <b>constellation</b>
	<b>conjugated</b> circuits	Lockheed <b>Constellation</b> aircraft <i>use</i> C-121 aircraft
	<b>conjugates</b>	<b>Constellation</b> program
	<b>conjugation</b>	<b>Constellation-X</b>
phase	<b>conjugation</b>	<b>constellations</b>
	<b>conjunction</b>	satellite <b>constellations</b>
	<b>conjunctiva</b>	<b>constitution</b>
	<b>conjunctivitis</b>	<b>constitutional</b> diagrams <i>use</i> phase diagrams
	<b>Connecticut</b>	<b>constitutive</b> equations
Unity	<b>connecting</b> module	<b>constraints</b>
	<b>Connection</b> Machine	<b>constrictions</b>

- constrictors**  
**construction**  
aircraft **construction**  
*use* aircraft structures  
filament wound **construction**  
*use* filament winding  
missile **construction**  
*use* missile structures  
sandwich **construction**  
*use* sandwich structures  
lunar **construction** equipment  
**construction** in space  
*use* orbital assembly  
**construction** industry  
**construction** materials  
aircraft **construction** materials  
spacecraft **construction** materials  
**consulting**  
**consumables** (spacecraft)  
**consumables** (spacecrew supplies)  
**consumers**  
**consumption**  
energy **consumption**  
fuel **consumption**  
oxygen **consumption**  
propellant **consumption**  
water **consumption**  
sliding **contact**  
**contact** dermatitis  
**contact** lenses  
**contact** loads  
rolling **contact** loads  
**contact** potentials  
**contact** resistance  
wraparound **contact** solar cells  
*use* solar cells  
**contactors**  
brushes (electrical **contacts**)  
electric **contacts**  
**contacts** (electric)  
*use* electric contacts  
**contacts** (geology)  
**containerless** melts  
**containers**  
barrels **(containers)**  
basins **(containers)**  
boxes **(containers)**  
cases **(containers)**  
drums **(containers)**  
receptacles **(containers)**  
*use* containers  
tanks **(containers)**  
**containment**  
**contaminants**  
radioactive **contaminants**  
trace **contaminants**  
**contamination**  
fuel **contamination**  
soil **contamination**  
*use* soil pollution  
spacecraft **contamination**  
**content**  
bone mineral **content**  
heat **content**  
*use* enthalpy  
moisture **content**  
water **content**  
*use* moisture content  
**content-addressable memory**  
*use* associative memory  
**context**  
**context** free languages  
**continental** drift  
**continental** margins  
*use* continental shelves  
**continental** shelves  
**continents**  
**contingency**  
**continuity**  
**continuity** equation  
**continuity** (mathematics)  
**continuous** flow electrophoresis  
*use* electrophoresis  
**continuous** noise  
**continuous** radiation  
modulated **continuous** radiation  
**continuous** spectra  
**continuous** wave lasers  
**continuous** wave radar  
**continuous** waves  
*use* continuous radiation  
space-time **continuum**  
*use* relativity  
**continuum** flow  
**continuum** mechanics  
**continuum** modeling  
**continuums**  
Terrain **Contour** Matching Navigation System  
*use* TERCOM  
**CONTOUR** (mission)  
*use* Comet Nucleus Tour  
**contour** sensors  
**contours**  
**contract** incentives  
**contract** management  
**contract** negotiation  
**contraction**  
Fitzgerald-Lorentz **contraction**  
*use* Lorentz contraction  
Lorentz **contraction**  
muscle **contraction**  
*use* muscular function  
**contractors**  
**contracts**  
insurance **(contracts)**  
**contrails**  
**contralateral** functions  
**contrarotating** propellers  
**contrast**  
image **contrast**  
phase **contrast**  
**control**  
access **control**  
active **control**  
adaptive **control**  
AFC **(control)**  
*use* automatic frequency control  
AGC **(control)**  
*use* automatic gain control  
air traffic **control**  
aircraft **control**  
altitude **control**  
approach **control**  
attitude **control**  
automatic **control**  
automatic flight **control**  
automatic frequency **control**  
automatic gain **control**  
automatic landing **control**  
bang-bang **control**  
*use* off-on control  
boundary layer **control**  
cascade **control**  
chemical reaction **control**  
combustion **control**  
command- **control**  
*use* command and control  
command and **control**  
computerized **control**  
*use* numerical control  
directional **control**  
Discos (satellite attitude **control**)  
dynamic **control**  
electric **control**  
electrohydraulic **control**  
*use* electric control  
hydraulic control

# control

electromagnetic	<b>control</b>		servostability	<b>control</b>
	<i>use</i>	electromagnets		<i>use</i> servocontrol
		remote control	shape	<b>control</b>
electronic	<b>control</b>		shock wave	<b>control</b>
engine	<b>control</b>		space vehicle	<b>control</b>
environmental	<b>control</b>			<i>use</i> spacecraft control
FBL	<b>control</b>		spacecraft	<b>control</b>
	<i>use</i>	fly by light control	spectral shift	<b>control</b>
feedback	<b>control</b>		speed	<b>control</b>
feedforward	<b>control</b>		temperature	<b>control</b>
fire	<b>control</b>		thermal barriers (plasma)	<b>control</b>
flap	<b>control</b>		thrust	<b>control</b>
	<i>use</i>	aircraft control	thrust vector	<b>control</b>
		flaps (control surfaces)	time optimal	<b>control</b>
flight	<b>control</b>		TQM (quality)	<b>control</b>
flood	<b>control</b>			<i>use</i> total quality management
fly by light	<b>control</b>		traffic	<b>control</b>
fly by tube	<b>control</b>		trajectory	<b>control</b>
fly by wire	<b>control</b>		turbojet engine	<b>control</b>
frequency	<b>control</b>		TVC	<b>(control)</b>
fuel	<b>control</b>			<i>use</i> thrust vector control
ground based	<b>control</b>		vector	<b>control</b>
H-2	<b>control</b>			<i>use</i> directional control
harmonic	<b>control</b>		visual	<b>control</b>
helicopter	<b>control</b>		voice	<b>control</b>
H-infinity	<b>control</b>		wave incidence	<b>control</b>
hydraulic	<b>control</b>		weather	<b>control</b>
interactive	<b>control</b>			<i>use</i> weather modification
jet	<b>control</b>		circulation	<b>control</b> airfoils
laminar flow	<b>control</b>			<b>control</b> boards
	<i>use</i>	boundary layer control	IMCC	<b>(control)</b> center
		laminar boundary layer		<i>use</i> integrated mission control center
lateral	<b>control</b>		integrated mission	<b>control</b> center
linear parameter-varying	<b>control</b>		fire	<b>control</b> circuits
linear quadratic Gaussian	<b>control</b>		thermal	<b>control</b> coatings
longitudinal	<b>control</b>			<b>control</b> configured vehicles
LQG	<b>control</b>			<b>control</b> data (computers)
	<i>use</i>	linear quadratic Gaussian control		<b>control</b> devices
magnetic	<b>control</b>			<i>use</i> control equipment
manual	<b>control</b>		variable stream	<b>control</b> engines
missile	<b>control</b>			<b>control</b> equipment
model reference adaptive	<b>control</b>		transponder	<b>control</b> group
multivariable	<b>control</b>		process	<b>control</b> (industry)
network	<b>control</b>		Zarya	<b>control</b> module
nuclear reactor	<b>control</b>			<b>control</b> moment gyroscopes
numerical	<b>control</b>			<b>control</b> panels
off-on	<b>control</b>			<i>use</i> control boards
optical	<b>control</b>		Submarine Integrated	<b>Control</b> project
optimal	<b>control</b>		spectral shift	<b>control</b> reactor
optimum	<b>control</b>			<b>control</b> rockets
	<i>use</i>	optimal control		<b>control</b> rods
payload	<b>control</b>		circulation	<b>control</b> rotors
phase	<b>control</b>		Transit Attitude	<b>Control</b> satellite
pitch attitude	<b>control</b>			<b>control</b> simulation
	<i>use</i>	longitudinal control		<b>control</b> stability
plasma	<b>control</b>			<b>control</b> sticks
pneumatic	<b>control</b>			<b>control</b> surfaces
pollution	<b>control</b>		elevators	<b>(control)</b> surfaces
porous boundary layer	<b>control</b>		flaps	<b>(control)</b> surfaces
proportional	<b>control</b>		tabs	<b>(control)</b> surfaces
quality	<b>control</b>		AFCS	<b>(control)</b> system
radar approach	<b>control</b>			<i>use</i> automatic flight control
radio	<b>control</b>		Airborne Warning and	<b>Control</b> System
range	<b>control</b>			<i>use</i> AWACS aircraft
	<i>use</i>	trajectory control		<b>control</b> systems
RAPCON	<b>(control)</b>			<i>use</i> control
	<i>use</i>	radar approach control	adaptive	<b>control</b> systems
reaction	<b>control</b>			<i>use</i> adaptive control
reliability	<b>control</b>			<b>control</b> systems design
	<i>use</i>	quality control	MIMO	<b>(control)</b> systems
		reliability engineering	pointing	<b>control</b> systems
remote	<b>control</b>		self adaptive	<b>control</b> systems
robot	<b>control</b>		SISO	<b>(control)</b> systems
rocket engine	<b>control</b>			<b>control</b> theory
roll	<b>control</b>			<b>control</b> units (computers)
	<i>use</i>	lateral control	automatic	<b>control</b> valves
satellite	<b>control</b>			<b>control</b> valves
satellite attitude	<b>control</b>			<b>controllability</b>
sequential	<b>control</b>			<b>controlled</b> atmospheres

	<b>controlled</b>	avalanche transit time devices	binary to decimal <b>converters</b>
		<i>use</i> CATT devices	data <b>converters</b>
	<b>controlled</b>	fusion	decimal to binary <b>converters</b>
voltage	<b>controlled</b>	oscillators	digital to analog <b>converters</b>
silicon	<b>controlled</b>	rectifiers	down- <b>converters</b>
	<b>controlled</b>	stability	energy <b>converters</b>
		<i>use</i> control	<i>use</i> direct power generators
	<b>controllers</b>		frequency <b>converters</b>
power factor	<b>controllers</b>		image <b>converters</b>
air traffic	<b>controllers</b>	(personnel)	parametric frequency <b>converters</b>
direct lift	<b>controls</b>		power <b>converters</b>
inventory	<b>controls</b>		pulse width amplitude <b>converters</b>
	<b>Convair</b>	340 aircraft	solar <b>converters</b>
		<i>use</i> CV-340 aircraft	<i>use</i> solar generators
	<b>Convair</b>	440 aircraft	thermionic <b>converters</b>
		<i>use</i> CV-440 aircraft	torque <b>converters</b>
	<b>Convair</b>	880 aircraft	up- <b>converters</b>
		<i>use</i> CV-880 aircraft	voltage <b>converters</b> (AC to AC)
	<b>Convair</b>	990 aircraft	current <b>converters</b> (AC to DC)
		<i>use</i> CV-990 aircraft	inverted <b>converters</b> (DC to AC)
	<b>convection</b>		voltage <b>converters</b> (DC to DC)
forced	<b>convection</b>		<b>convertible</b>
free	<b>convection</b>		fan-shaft engines
Marangoni	<b>convection</b>		<b>convexity</b>
natural	<b>convection</b>		<b>conveyors</b>
		<i>use</i> free convection	<b>convolution</b> integrals
Rayleigh-Benard	<b>convection</b>		<b>convolutions</b> (mathematics)
stellar	<b>convection</b>		<i>use</i> convolution integrals
surface tension driven	<b>convection</b>		<b>convulsions</b>
thermal	<b>convection</b>		<b>Cook</b> Inlet (AK)
		<i>use</i> free convection	<b>Cookpot</b> aircraft
solar	<b>convection</b>	(astronomy)	<i>use</i> TU-124 aircraft
	<b>convection</b>	cells	<b>cool</b> stars
	<b>convection</b>	clouds	<b>coolant</b>
	<b>convection</b>	currents	loss of <b>coolant</b>
	<b>convection</b>	diffusion-equation	loss <b>coolant</b>
diffusion-	<b>convection</b>	equation	<i>use</i> loss of coolant
		<i>use</i> convection-diffusion equation	<b>coolants</b>
	<b>convective</b>	flow	engine <b>coolants</b>
	<b>convective</b>	heat transfer	organic <b>coolants</b>
	<b>conventions</b>		gas <b>cooled</b> fast reactors
	<b>convergence</b>		advanced sodium <b>cooled</b> reactor
	<b>convergent</b>	divergent nozzles	Lithium <b>Cooled</b> Reactor Experiment
	<b>convergent</b>	nozzles	experimental gas <b>cooled</b> reactors
intertropical	<b>convergent</b>	zones	experimental organic <b>cooled</b> reactors
	<b>conversation</b>		gas <b>cooled</b> reactors
	<b>conversion</b>		high temperature gas <b>cooled</b> reactors
electric power	<b>conversion</b>		liquid <b>cooled</b> reactors
		<i>use</i> electric generators	liquid metal <b>cooled</b> reactors
energy	<b>conversion</b>		organic <b>cooled</b> reactors
frequency	<b>conversion</b>		water <b>cooled</b> reactors
		<i>use</i> frequency converters	<b>coolers</b>
geothermal energy	<b>conversion</b>		Ettingshausen <b>coolers</b>
internal	<b>conversion</b>		<i>use</i> Ettingshausen effect
metric	<b>conversion</b>		thermoelectric cooling
		<i>use</i> metrication	<b>cooling</b>
ocean thermal energy	<b>conversion</b>		absorption <b>cooling</b>
organic wastes (fuel	<b>conversion</b> )		adiabatic demagnetization <b>cooling</b>
ortho para	<b>conversion</b>		air <b>cooling</b>
photothermal	<b>conversion</b>		cryogenic <b>cooling</b>
photovoltaic	<b>conversion</b>		evaporative <b>cooling</b>
satellite solar energy	<b>conversion</b>		film <b>cooling</b>
solar energy	<b>conversion</b>		gas <b>cooling</b>
thermophotovoltaic	<b>conversion</b>		laser <b>cooling</b>
turboelectric	<b>conversion</b>		liquid <b>cooling</b>
		<i>use</i> turbogenerators	magnetic <b>cooling</b>
waterwave energy	<b>conversion</b>		plasma <b>cooling</b>
energy	<b>conversion</b>	efficiency	quenching ( <b>cooling</b> )
data	<b>conversion</b>	routines	radiant <b>cooling</b>
thermionic	<b>conversion</b>	systems	regenerative <b>cooling</b>
		<i>use</i> thermionic power generation	sodium <b>cooling</b>
thermoelectric	<b>conversion</b>	systems	solar <b>cooling</b>
		<i>use</i> thermoelectric power generation	solid cryogen <b>cooling</b>
	<b>conversion</b>	tables	surface <b>cooling</b>
	<b>convertiplanes</b>		sweat <b>cooling</b>
		<i>use</i> V/STOL aircraft	thermoelectric <b>cooling</b>
	<b>converters</b>		thermomagnetic <b>cooling</b>
analog to digital	<b>converters</b>		transpiration <b>cooling</b>
			<i>use</i> sweat cooling
			water <b>cooling</b>
			<i>use</i> liquid cooling

## cooling

- space **cooling** (buildings)
- cooling** fins
- cooling** flows (astrophysics)
- cooling** systems
- Cooper-Harper ratings
- Bardeen-**Cooper-Schrieffer** theory
- cooperation**
- international **cooperation**
- coordinate** geometry language
  - use* COGO (programming language)
- coordinate** systems
  - use* coordinates
- coordinate** transformations
- coordinates**
- astronomical **coordinates**
- axes **(coordinates)**
  - use* coordinates
- Cartesian **coordinates**
- curvilinear **coordinates**
  - use* spherical coordinates
- cylindrical **coordinates**
- geocentric **coordinates**
- geodetic **coordinates**
- Hylleraas **coordinates**
- hyperbolic **coordinates**
- inertial **coordinates**
- Lagrange **coordinates**
- oblique **coordinates**
- planetocentric **coordinates**
- polar **coordinates**
- rectangular **coordinates**
  - use* Cartesian coordinates
- spherical **coordinates**
- coordination**
- coordination** number
- coordination** polymers
- Langley complex **coordinator**
- Copernicus** spacecraft
  - use* OAO 3
- copilots**
  - use* aircraft pilots
- coplanarity**
- copolymerization**
- copolymers**
- block **copolymers**
- vinyl **copolymers**
- copper**
- copper** alloys
- copper** chlorides
- copper** compounds
- copper** fluorides
- copper** indium selenides
- copper** isotopes
- copper** oxides
- copper** selenides
- copper** sulfides
- reproduction **(copying)**
- copyrights**
- coral** heads
  - use* coral reefs
- coral** reefs
- spinal **cord**
- spinal **cord** injuries
- cordage**
- Cordelia**
- cordierite**
- cordite**
  - use* colloidal propellants
  - double base propellants
- vocal **cor ds**
- Earth **core**
- lunar **core**
  - flow
  - core-mantle boundary
- annular **core** pulse reactors
- plasma **core** reactors
- core** sampling
- core** storage
- cores**
- honeycomb **cores**
- magnetic **cores**
- planetary **cores**
- reactor **cores**
- stellar **cores**
- Coriolis** effect
- cork** (materials)
- corn**
- cornea**
- corner** flow
- radar **corner** reflectors
- corners**
- electric **corona**
- solar **corona**
- Corona** Borealis constellation
- corona** discharges
  - use* electric corona
- R **Coronae** Borealis stars
- coronagraphs**
- Transition Region and **Coronal** Explorer
- coronal** holes
- coronal** loops
- coronal** mass ejection
- coronary** artery disease
- coronary** circulation
- coronas**
- stellar **coronas**
- corotation**
- British Aircraft **Corp** aircraft
  - use* BAC aircraft
- Corporal** missile
- corpuscles** (blood)
  - use* blood cells
- corpuscular** radiation
- solar **corpuscular** radiation
- error **correcting** codes
- error **correcting** devices
- correction**
- atmospheric **correction**
- radiometric **correction**
- optical **correction** procedure
- predictor-**corrector** methods
- correlation**
- angular **correlation**
- cross **correlation**
- data **correlation**
- spectral **correlation**
- statistical **correlation**
  - coefficients
  - detection
  - functions
  - use* correlation
- SIMICOR (image **correlator**)
  - use* image correlators
- simultaneous image **correlator**
  - use* image correlators
- correlators**
- image **correlators**
- optical **correlators**
- St Louis-Kansas City **Corridor** (MO)
- Great Plains **Corridor** (North America)
- corridors**
- corrosion**
- cavitation **corrosion**
- electrochemical **corrosion**
- fretting **corrosion**
- fuel **corrosion**
- hot **corrosion**
- intergranular **corrosion**
- metal **corrosion**
  - use* corrosion
- scale **(corrosion)**
- stress **corrosion**
- transgranular **corrosion**
  - cracking
  - prevention
  - resistance
  - test loops
  - tests

	<b>corrugated</b> plates		<b>COSPAR</b> (committee)
	<b>corrugated</b> shells		<i>use</i> Committee on Space Research
	<b>corrugated</b> waveguides		<b>COSPAS</b>
	<b>corrugating</b>		<b>Cosserat</b> surfaces
	<b>Corsair</b> aircraft	design to	<b>cost</b>
	<i>use</i> A-7 aircraft	low	<b>cost</b>
cerebral	<b>cortex</b>		<b>cost</b> analysis
	<b>cortexes</b>		<b>cost</b> benefit analysis
	<b>cortexes</b> (botany)		<i>use</i> cost analysis
	<b>Corti</b> organ		cost effectiveness
	<b>corticosteroids</b>		<b>cost</b> effectiveness
	<b>cortisone</b>		<b>cost</b> estimates
	<b>corundum</b>		<b>cost</b> incentives
	<i>use</i> aluminum oxides		<b>cost</b> reduction
	<b>Corvus</b> missile		<b>Costa</b> Rica
	<b>COS-B</b> satellite		<b>costs</b>
	<b>cosine</b> series	aircraft production	<b>costs</b>
discrete	<b>cosine</b> transform	freight	<b>costs</b>
	<b>Cosmic</b> Background Explorer satellite	launch	<b>costs</b>
	<b>cosmic</b> dust	life cycle	<b>costs</b>
	<b>cosmic</b> gamma ray bursts	operating	<b>costs</b>
	<i>use</i> gamma ray bursts	production	<b>costs</b>
	<b>cosmic</b> gases		<b>Cote</b> d'Ivoire
	<b>cosmic</b> microwave background radiation		<b>COTS</b> products
	<b>cosmic</b> noise		<i>use</i> commercial off-the-shelf products
	<b>cosmic</b> plasma		<b>cotton</b>
	<b>cosmic</b> radiation		<b>cotton</b> fibers
	<i>use</i> cosmic rays		<b>couches</b>
	<b>cosmic</b> radio waves		<b>Couette</b> flow
	<i>use</i> extraterrestrial radio waves		<b>Cougar</b> aircraft
	<b>cosmic</b> ray albedo		<i>use</i> F-9 aircraft
heavy	<b>cosmic</b> ray primaries		<b>cough</b>
	<i>use</i> heavy nuclei		<b>coulees</b>
	primary cosmic rays		<i>use</i> canyons
	<b>cosmic</b> ray showers		<b>Coulomb</b> collisions
	<b>cosmic</b> rays		<b>Coulomb</b> potential
galactic	<b>cosmic</b> rays		<b>coulometers</b>
primary	<b>cosmic</b> rays		<b>coulometry</b>
secondary	<b>cosmic</b> rays	blood cell	<b>count</b>
solar	<b>cosmic</b> rays		<b>countdown</b>
	<b>cosmic</b> x rays		<b>counter</b> -rotating wheels
	<b>cosmions</b>		<b>counter</b> rotation
	<i>use</i> weakly interacting massive particles		<b>counterbalances</b>
	<b>cosmochemistry</b>		<b>counterflow</b>
	<b>cosmogony</b>		<b>counterinsurgency</b> aircraft
	<i>use</i> cosmology		<i>use</i> COIN aircraft
	<b>cosmology</b>	electronic	<b>countermeasures</b>
big bang	<b>cosmology</b>	optical	<b>countermeasures</b>
LSS	<b>(cosmology)</b>	spectral	<b>counterparts</b> (astronomy)
	<i>use</i> large-scale structure of the universe		<b>counters</b>
	<b>cosmonauts</b>	Cerenkov	<b>counters</b>
	<b>cosmos</b>	electron	<b>counters</b>
	<b>Cosmos</b> 2 satellite	gas discharge	<b>counters</b>
	<b>Cosmos</b> 3 satellite		<i>use</i> counters
	<b>Cosmos</b> 5 satellite		gas discharge tubes
	<b>Cosmos</b> 6 satellite	Geiger	<b>counters</b>
	<b>Cosmos</b> 14 satellite	ionization	<b>counters</b>
	<b>Cosmos</b> 44 satellite		<i>use</i> radiation counters
	<b>Cosmos</b> 54 satellite	neutron	<b>counters</b>
	<b>Cosmos</b> 71 satellite	particle	<b>counters</b>
	<b>Cosmos</b> 110 satellite		<i>use</i> radiation counters
	<b>Cosmos</b> 137 satellite	proportional	<b>counters</b>
	<b>Cosmos</b> 144 satellite	quantum	<b>counters</b>
	<b>Cosmos</b> 149 satellite	radiation	<b>counters</b>
	<b>Cosmos</b> 166 satellite	scintillation	<b>counters</b>
	<b>Cosmos</b> 186 satellite		<b>countersinking</b>
	<b>Cosmos</b> 188 satellite		<b>counting</b>
	<b>Cosmos</b> 206 satellite		<b>counting</b> circuits
	<b>Cosmos</b> 213 satellite		<b>counting</b> rate computers
	<b>Cosmos</b> 224 satellite	Norton	<b>County</b> achondrite
	<b>Cosmos</b> 225 satellite	charge	<b>coupled</b> devices
	<b>Cosmos</b> 381 satellite		<b>coupled</b> modes
	<b>Cosmos</b> 782 satellite	inductively	<b>coupled</b> plasma mass spectrometry
	<b>Cosmos</b> 936 satellite	strongly	<b>coupled</b> plasmas
	<b>Cosmos</b> 954 satellite		<b>couplers</b>
	<b>Cosmos</b> 1129 satellite	antenna	<b>couplers</b>
	<b>Cosmos</b> satellites	directional	<b>couplers</b>
			<b>couples</b>

## coupling

acoustic **coupling**  
 cross **coupling**  
 electromagnetic **coupling**  
 gyroscopic **coupling**  
 ionosphere-magnetosphere **coupling**  
     *use* magnetosphere-ionosphere coupling  
 magnetosphere-ionosphere **coupling**  
 microwave **coupling**  
 mode **coupling**  
     *use* coupled modes  
 optical **coupling**  
 spin-spin **coupling**  
 thermodynamic **coupling**  
 velocity **coupling**  
     **coupling** circuits  
     **coupling** coefficients  
     **couplings**  
     **Courier** aircraft  
         *use* U-10 aircraft  
     **Courier** satellite  
     **courses**  
         *use* paths  
     **covalence**  
     **covalent** bonds  
     **covariance**  
 cloud **cover**  
 snow **cover**  
 high resolution **coverage** antennas  
     **coveralls**  
     **coverings**  
     **coves**  
         *use* bays (topographic features)  
     **Cowell** method  
         *use* numerical integration  
     **cowlings**  
     **CP** violation  
     **CPL** (heat transfer)  
         *use* capillary pumped loops  
     **Crab** nebula  
     **crabs**  
 Griffith **crack**  
     **crack** arrest  
     **crack** bridging  
     **crack** closure  
     **crack** formation  
         *use* crack initiation  
     **crack** geometry  
     **crack** initiation  
     **crack** opening displacement  
     **crack** propagation  
     **crack** tips  
 stress corrosion **cracking**  
     **cracking** (chemical engineering)  
     **cracking** (fracturing)  
     **cracks**  
     **(cracks)**  
         *use* crack opening displacement  
     edge **cracks**  
     short **cracks**  
     surface **cracks**  
     **CRAF** mission  
         *use* Comet Rendezvous Asteroid Flyby Mission  
     **craft**  
         *use* vehicles  
 hydrofoil **craft**  
 Friedel- **Craft** reaction  
     **Cramer-Rao** bounds  
     **cramps**  
     Flying **Crane** helicopter  
         *use* H-17 helicopter  
     **cranes**  
     gantry **cranes**  
     **cranium**  
     **Crank-Nicholson** method  
     **cranked** wings  
         *use* swept wings

**cranks**  
     *use* eccentrics  
**crash** injuries  
**crash** landing  
**crashes**  
**crashworthiness**  
 Ptolemaeus **Crater**  
 Tycho **crater**  
 Lunar **Crater** Observation and Sensing Satellite  
     *use* LCROSS (satellite)  
**cratering**  
 hypervelocity **cratering**  
     *use* hypervelocity projectiles  
     projectile cratering  
 projectile **cratering**  
**craters**  
 fossil meteorite **craters**  
     *use* fossils  
     meteorite craters  
     lunar **craters**  
     Mars **craters**  
     meteor **craters**  
         *use* meteorite craters  
     meteorite **craters**  
     meteoroid **craters**  
         *use* meteorite craters  
     planetary **craters**  
     **cratons**  
     **crawler** tractors  
     **Cray** computers  
     **crayons**  
     **crazing**  
         *use* surface cracks  
     **creatine**  
     **creatinine**  
     **creation**  
         *use* creativity  
     **creativity**  
     shear **creep**  
     steady state **creep**  
     tensile **creep**  
     **creep** analysis  
     **creep** buckling  
     **creep** diagrams  
     **creep** properties  
     **creep** resistance  
         *use* creep strength  
     **creep** rupture strength  
     **creep** strength  
     **creep** tests  
     **crepe**  
     **crestols**  
     **crestatrons**  
         *use* traveling wave tubes  
     **crests**  
         *use* waves  
     **Cretaceous** Period  
     **Cretaceous-Tertiary** boundary  
     **crevasses**  
     **crevices**  
         *use* cracks  
     **Crew** Equipment Translation Aid (ISS)  
     **crew** experiment stations  
     **Crew** Exploration Vehicle  
     **crew** observation stations  
     **crew** procedures (inflight)  
     **crew** procedures (preflight)  
     Assured **Crew** Return Vehicle  
     X-38 **crew** return vehicle  
     **crew** size  
     **crew** stations  
         *use* crew workstations  
     Orion **crew** vehicle  
         *use* Crew Exploration Vehicle  
     **crew** workstations  
     **crews**  
     flight **crews**  
     ground **crews**  
     **crickets**

	<b>crime</b>		<b>Crusader</b> aircraft
	<b>crimping</b>		<i>use</i> F-8 aircraft
	<i>use</i> folding		<b>crushers</b>
	<b>criteria</b>		<b>crushing</b>
structural design	<b>criteria</b>	Earth	<b>crust</b>
	<b>critical</b> current	lunar	<b>crust</b>
	<b>critical</b> experiments		<b>crustal</b> dynamics
	<b>critical</b> flicker fusion		<i>use</i> Earth crust
	<b>critical</b> flow		geodynamics
	<b>critical</b> frequencies		<b>crustal</b> fractures
	<b>critical</b> loading		<b>crusts</b>
	<b>critical</b> Mach number	planetary	<b>crusts</b>
	<i>use</i> critical velocity		<b>cryochemistry</b>
	Mach number		<b>cryocycle</b> principle
	<b>critical</b> mass		<b>cryodeposits</b>
	<b>critical</b> path method	solid	<b>cryogen</b> cooling
	<b>critical</b> point		<b>cryogenic</b> computer storage
	<b>critical</b> pressure		<b>cryogenic</b> cooling
	<b>critical</b> Reynolds number		<b>cryogenic</b> equipment
	<i>use</i> Reynolds number		<b>cryogenic</b> fluid storage
	<b>critical</b> speed		<b>cryogenic</b> fluids
	<i>use</i> critical velocity		<b>cryogenic</b> gyroscopes
	<b>critical</b> stress		<b>cryogenic</b> magnets
	<i>use</i> critical loading		<b>cryogenic</b> rocket propellants
	<b>critical</b> temperature		<b>cryogenic</b> storage
	<b>critical</b> velocity		<b>cryogenic</b> tanks
	<b>Croatia</b>		<b>cryogenic</b> temperature
	<b>Crocco</b> -Lee theory		<b>cryogenic</b> wind tunnels
	<b>Crocco</b> method		<b>cryogenics</b>
	<b>Croloy</b>	solid	<b>cryogens</b>
	<b>crop</b> calendars		<b>cryolite</b>
	<b>crop</b> dusting		<b>cryopumping</b>
	<b>crop</b> growth		<b>cryosar</b>
	<b>crop</b> identification		<b>cryosorption</b>
	<b>crop</b> inventories		<i>use</i> sorption
	<b>Crop</b> Inventories by Remote Sensing	Earth	<b>cryosphere</b>
	<i>use</i> AgRISTARS project		<b>cryospheres</b>
Large Area	<b>Crop</b> Inventory Experiment	planetary	<b>cryospheres</b>
	<b>crop</b> vigor		<b>cryostats</b>
	<b>croplands</b>		<b>cryotanks</b>
	<i>use</i> farmlands		<i>use</i> cryogenic tanks
	<b>crops</b>		<b>cryotrapping</b>
farm	<b>crops</b>		<b>cryotrons</b>
	<b>cross</b> correlation		<b>cryptography</b>
	<b>cross</b> coupling	quantum	<b>cryptography</b>
	<b>cross</b> faults		<b>crystal</b> defects
	<i>use</i> geological faults	vacancies	<b>(crystal</b> defects)
	<b>cross</b> flow		<b>crystal</b> dislocations
ionospheric	<b>cross</b> modulation		<b>crystal</b> field splitting
	<b>cross</b> polarization		<i>use</i> crystal field theory
	<b>cross</b> relaxation		<b>crystal</b> field theory
	<b>cross</b> sections		<b>crystal</b> fields
absorption	<b>cross</b> sections		<i>use</i> crystal field theory
capture	<b>cross</b> sections		<b>crystal</b> filters
	<i>use</i> absorption cross sections		<b>crystal</b> growth
ionization	<b>cross</b> sections	hydrothermal	<b>crystal</b> growth
neutron	<b>cross</b> sections	melts	<b>(crystal</b> growth)
radar	<b>cross</b> sections	protein	<b>crystal</b> growth
scattering	<b>cross</b> sections		<b>crystal</b> lattices
	<b>crossbedding</b> (geology)		<b>crystal</b> morphology
	<b>crossed</b> field amplifiers		<b>crystal</b> optics
	<b>crossed</b> field guns		<b>crystal</b> oscillators
	<b>crossed</b> fields		<b>crystal</b> rectifiers
	<b>crossings</b>		<b>crystal</b> structure
zero	<b>crossings</b>		<b>crystal</b> surfaces
	<i>use</i> roots of equations		<b>crystallinity</b>
	<b>crosslinking</b>		<b>crystallites</b>
	<b>crossovers</b>		<b>crystallization</b>
	<b>crosstalk</b>		<b>crystallography</b>
geomagnetic	<b>crotchets</b>		<b>crystals</b>
	<i>use</i> sudden ionospheric disturbances	Bravais	<b>crystals</b>
	<b>crowding</b>	dendritic	<b>crystals</b>
	<b>CRRES</b> (satellite)	directional solidification	<b>(crystals)</b>
	<b>crucibles</b>	doped	<b>crystals</b>
	<b>cruciform</b> wings	ionic	<b>crystals</b>
	<b>crude</b> oil	liquid	<b>crystals</b>
supersonic	<b>cruise</b> aircraft research	metal	<b>crystals</b>
	<b>cruise</b> missiles	mixed	<b>crystals</b>
	<b>cruising</b> flight	piezoelectric	<b>crystals</b>

- quartz **crystals**
- single **crystals**
- whiskers **(crystals)**
- CSM**
  - use* command service modules
- New Haven **(CT)**
- CT-114** aircraft
  - use* CL-41 aircraft
- CTD**
  - use* charge transfer devices
- Bi-Sr-Ca- **Cu-O** superconductors
- Y-Ba- **Cu-O** superconductors
- Cuba**
- cubane**
- cubes** (mathematics)
- cubic** equations
- cubic** lattices
- body centered **cubic** lattices
- face centered **cubic** lattices
- cues**
- cuestas**
  - use* ridges
- cuffs**
- cultivation**
- cultural** resources
- culture** media
- culture** (social sciences)
- culture** techniques
- cultured** cells
- cell **culturing**
- organ **culturing**
- tissue **culturing**
- cumulative** damage
- cumulonimbus** clouds
- cumulus** clouds
- Cupola** Module
- cupolas**
- cuprates**
- curare**
- cures**
- Curie** temperature
- Curie-Weiss** law
- curing**
- curium**
- curium** 242
- curium** 244
- curium** compounds
- curium** isotopes
- curl** (materials)
- curl** (vectors)
- AC **(current)**
  - use* alternating current
- alternating **current**
- critical **current**
- dark **current**
- DC **(current)**
  - use* direct current
- direct **current**
- electric **current**
- electrode dark **current**
  - use* dark current
- high **current**
- line **current**
- Lomonosov **current**
  - algebra
  - amplifiers
  - converters (AC to DC)
  - density
  - distribution
- alternating **current**
  - generators
  - use* AC generators
- direct **current**
  - generators
  - use* DC generators
  - regulators
  - sheets
  - stabilizers
  - use* current regulators
- currents**
- air **currents**
- beam **currents**
- Birkeland **currents**
- coastal **currents**
- convection **currents**
- Earth **currents**
  - use* telluric currents
- eddy **currents**
- external surface **currents**
- field aligned **currents**
- Hall **currents**
  - use* electric current
  - Hall effect
- ion **currents**
- ionospheric **currents**
- littoral **currents**
  - use* coastal currents
- longshore **currents**
  - use* coastal currents
- low **currents**
- neutral **currents**
- ocean **currents**
- Pedersen **currents**
- plasma **currents**
- ring **currents**
- short circuit **currents**
- telluric **currents**
- thermal **currents**
  - use* convective flow
- threshold **currents**
- vector **currents**
- vertical air **currents**
- water **currents**
  - (oceanography)
  - use* water currents
- curtains**
- Curtiss** C-46 aircraft
  - use* C-46 aircraft
- Curtiss-Wright** aircraft
- curvature**
- Bragg **curve**
- light **curve**
  - fitting
- curved** beams
- curved** panels
- curved** surfaces
  - use* contours
  - shapes
  - surfaces
- curves**
- Gompertz **curves**
- Hill **curves**
  - use* Hill method
- learning **curves**
- S **curves**
- zero force **curves**
  - (geometry)
- curvilinear** coordinates
  - use* spherical coordinates
- air **cushion** landing systems
- air **cushion** vehicles
  - use* ground effect machines
- Cushioncraft** ground effect machine
- cushions**
- cusps**
- double **cusps**
- polar **cusps**
  - (landforms)
  - (mathematics)
- custom** integrated circuits
  - use* application specific integrated circuits
- cut-off**
- cut-outs**
  - use* openings
- cutaneous** perception
  - use* touch
- cutters**
- blades **(cutters)**
- cutting**

- blanking **(cutting)**  
laser **cutting**  
metal **cutting**  
plasma arc **cutting**  
**CV-2** aircraft  
*use* DHC 4 aircraft  
**CV-7** aircraft  
*use* DHC 5 aircraft  
**CV-340** aircraft  
**CV-440** aircraft  
**CV-880** aircraft  
**CV-990** aircraft  
**CVD** (deposition)  
*use* vapor deposition  
**CVI** (fabrication)  
*use* chemical vapor infiltration  
**CVM** (solid state)  
*use* cluster variation method  
**CW** radar  
*use* continuous wave radar  
**cyanamides**  
**cyanates**  
ethylene **cyanide**  
*use* succinonitrile  
methyl **cyanide**  
*use* acetonitrile  
vinyl **cyanide**  
*use* acrylonitriles  
**cyanide** emission  
*use* CN emission  
hydrogen **cyanide** lasers  
*use* HCN lasers  
**cyanides**  
hydrogen **cyanides**  
*use* hydrocyanic acid  
iron **cyanides**  
**ciano** compounds  
**cianoacetylene**  
**cyanocobalamin**  
**cyanogen**  
**Cyanophyta**  
*use* blue green algae  
**cyanosis**  
**cyanurates**  
**cyanuric** acid  
**Cyber** 74 computer  
*use* CDC Cyber 74 computer  
CDC **Cyber** 74 computer  
CDC **Cyber** 170 series computers  
CDC **Cyber** 174 computer  
CDC **Cyber** 175 computer  
CDC **Cyber** 203 computer  
CDC **Cyber** 205 computer  
**cybernetics**  
Brayton **cycle**  
carbon **cycle**  
Carnot **cycle**  
hydrological **cycle**  
Krebs **cycle**  
Otto **cycle**  
Rankine **cycle**  
Stirling **cycle**  
sunspot **cycle**  
work-rest **cycle**  
life **cycle** costs  
liquid air **cycle** engines  
rocket-based combined-**cycle** engines  
topping **cycle** engines  
variable **cycle** engines  
water **cycle** (hydrology)  
*use* hydrological cycle  
combined **cycle** power generation  
hot **cycle** propulsion system  
*use* tip driven rotors  
**cycles**  
closed **cycles**  
regenerative **cycles**  
*use* regeneration (engineering)  
solar **cycles**
- stress **cycles**  
thermodynamic **cycles**  
activity **cycles** (biology)  
**cyclic** accelerators  
**cyclic** adenosine monophosphate  
*use* cyclic AMP  
**cyclic** AMP  
**cyclic** compounds  
**cyclic** hydrocarbons  
**cyclic** loads  
**cycling**  
*use* cycles  
thermal **cycling** tests  
**cycloaddition**  
**cyclobutane**  
**cyclogenesis**  
**cyclohexane**  
**cycloids**  
**cyclones**  
**cyclones** (equipment)  
*use* centrifuges  
**cyclopropane**  
**Cyclops** plasma accelerator  
**cyclotetramethylene** tetranitramine  
*use* HMX  
**cyclotrimethylene** trinitramine  
*use* RDX  
Oak Ridge isochronous **cyclotron**  
ORIC **cyclotron**  
*use* Oak Ridge isochronous cyclotron  
**cyclotron** frequency  
electron **cyclotron** heating  
**cyclotron** radiation  
ion **cyclotron** radiation  
**cyclotron** resonance  
**cyclotron** resonance devices  
electron **cyclotron** resonance  
**cyclotrons**  
**Cygnus** constellation  
hemisphere **cylinder** bodies  
**cylinders**  
circular **cylinders**  
concentric **cylinders**  
elastic **cylinders**  
elliptical **cylinders**  
orthotropic **cylinders**  
oscillating **cylinders**  
plasma **cylinders**  
rotating **cylinders**  
viscoelastic **cylinders**  
**cylindrical** afterbodies  
*use* afterbodies  
cylindrical bodies  
**cylindrical** antennas  
**cylindrical** bodies  
**cylindrical** chambers  
**cylindrical** coordinates  
**cylindrical** plasmas  
**cylindrical** shells  
**cylindrical** tanks  
**cylindrical** waves  
**cylindroids**  
*use* cylindrical bodies  
**Cyprus**  
**Cyrrillid** meteoroids  
**cysteamine**  
**cysteine**  
**cystic** fibrosis  
**cysts**  
**cytidylic** acid  
**cytochromes**  
**cytogenesis**  
**cytology**  
nuclei **(cytology)**  
**cytometry**  
**cytophotometry**  
*use* cytometry  
**cytoplasm**  
**Czech** Republic

**Czechoslovakia**  
**Czechoslovakian** space program  
**Czechoslovakian** spacecraft  
**Czocharlski** method

**D**

AIMP- **D**  
*use* Explorer 33 satellite  
 Atmosphere Explorer **D**  
*use* Explorer 54 satellite  
 Earth Resources Technology Satellite **D**  
*use* Landsat 4  
 Energetic Particle Explorer **D**  
*use* Explorer 26 satellite  
 EPE- **D**  
*use* Explorer 26 satellite  
 ERTS- **D**  
*use* Landsat 4  
 HEAO **D**  
*use* HEAO 4  
 High Energy Astronomy Observatory **D**  
*use* HEAO 4  
 IMP- **D**  
*use* Explorer 33 satellite  
 Ioran **D**  
 Lunar Orbiter **D**  
*use* Lunar Orbiter 4  
 OGO- **D**  
*use* OGO-4  
 OSO- **D**  
*use* OSO-4  
 SAS- **D**  
*use* IUE  
 SIR- **D**  
*use* Shuttle Imaging Radar  
 Space Shuttle mission 31- **D**  
 Space Shuttle mission 41- **D**  
 Space Shuttle mission 51- **D**  
 Space Shuttle upper stage **D**  
 SSUS- **D**  
*use* Space Shuttle upper stage D  
 vitamin **D**  
*use* calciferol  
**D-1** satellite  
**D-2** satellites  
**D-2B** satellite  
*use* D-2 satellites  
**D-558** aircraft  
 Douglas **D-558** aircraft  
*use* D-558 aircraft  
 Atlas **D** ICBM  
 Saturn **D** launch vehicle  
**D** layer  
*use* D region  
**D** lines  
**D** region  
 Agena **D** rocket vehicle  
 AE- **D** satellite  
*use* Explorer 54 satellite  
 EXOS- **D** satellite  
 GEOS- **D** satellite  
 TIROS **D** satellite  
*use* TIROS 4 satellite  
 Cote d'Ivoire  
**Dacron** (trademark)  
**Dactyl**  
*use* natural satellites  
**DAD** Explorer  
*use* Dual Air Density Explorer  
**DAEMO** (data analysis)  
*use* data processing  
 data reduction  
 data transmission  
 Delta **Dagger** aircraft  
*use* F-102 aircraft  
**Dahomey**  
*use* Benin

North **Dakota**  
 South **Dakota**  
**Dakota** aircraft  
*use* C-47 aircraft  
**Dalton** law  
**DAMA**  
*use* demand assignment multiple  
 access  
**damage**  
 brain **damage**  
 cumulative **damage**  
 earthquake **damage**  
 fire **damage**  
 flood **damage**  
 frost **damage**  
 impact **damage**  
 insect **damage**  
*use* infestation  
 laser **damage**  
 meteoritic **damage**  
 proton **damage**  
 radiation **damage**  
 rain impact **damage**  
 storm **damage**  
**damage** assessment  
**damage** threshold  
*use* yield point  
**Damkohler** number  
**DAMP** program  
*use* Downrange Antimissile  
 Measurement Program  
**dampers**  
 nutation **dampers**  
 oscillation **dampers**  
 vibration **dampers**  
*use* vibration isolators  
**dampers** (valves)  
**damping**  
 elastic **damping**  
 jet **damping**  
*use* damping  
 spin reduction  
 Landau **damping**  
 magnetic **damping**  
 vibration **damping**  
 viscoelastic **damping**  
 viscous **damping**  
**damping** factor  
*use* damping  
**damping** in pitch  
*use* damping  
 pitch (inclination)  
**damping** in roll  
*use* damping  
**damping** in yaw  
*use* damping  
 yaw  
**damping** tests  
**dampness**  
*use* moisture content  
**dams**  
 Cobra **Dane** (radar)  
**danger**  
*use* hazards  
**Danish** space program  
**dark** adaptation  
**dark** current  
 electrode **dark** current  
*use* dark current  
**dark** energy  
**dark** matter  
 Faraday **dark** space  
**darkening**  
 limb **darkening**  
**darkness**  
**darkrooms**  
**Darkstar** unmanned aerial vehicle  
*use* pilotless aircraft  
 reconnaissance aircraft

- Delta **Dart** aircraft
  - use* F-106 aircraft
- Judi- **Dart** rocket
  - Dart** turboprop engines
    - use* turboprop engines
  - Dash** helicopter
    - use* QH-50 helicopter
  - Dassault** aircraft
    - Dassault** Mirage 3 aircraft
      - use* Mirage 3 aircraft
    - Dassault** Mystere 20 aircraft
      - use* Mystere 20 aircraft
    - Dassault** Mystere 50 aircraft
      - use* Mystere 50 aircraft
  - DAST** program
    - data**
- analog **data**
- audio **data**
- binary **data**
- biomedical **data**
- digital **data**
- radar **data**
- tables **(data)**
- video **data**
- Satellite Tracking and **Data** Acq Network
  - use* STDN (network)
  - data** acquisition
- ocean **data** acquisitions systems
  - data** adaptive evaluator/monitor
    - use* data processing
    - data reduction
    - data transmission
  - data** analysis
    - use* data processing
    - data reduction
- DAEMO **(data** analysis)
  - use* data processing
  - data reduction
  - data transmission
- EOS **data** and information system
  - data** base management systems
  - data** bases
- numerical **data** bases
- relational **data** bases
  - data** busses
    - use* channels (data transmission)
- world **data** centers
  - data** collection platforms
  - data** compaction
    - use* data compression
  - data** compression
- control **data** (computers)
  - data** conversion routines
  - data** converters
  - data** correlation
- IDEP **(data** exchange)
  - use* interservice data exchange program
- interservice **data** exchange program
  - data** flow analysis
  - data** fusion
    - use* multisensor fusion
  - data** handling systems
    - use* data systems
  - data** integration
  - data** links
  - data** management
- censored **data** (mathematics)
  - data** mining
- Space Flight Tracking and **Data** Network
- Spacecraft Tracking and **Data** Network
  - use* STDN (network)
- ocean **data** platforms
  - use* ocean data acquisitions systems
  - data** processing
- automatic **data** processing
  - use* data processing
  - data** processing equipment
- frames **(data** processing)
- onboard **data** processing
- optical **data** processing
- printers **(data** processing)
  - data** processing terminals
- voice **data** processing
  - data** processors
    - use* data processing equipment
- site **data** processors
  - data** products
  - data** readout systems
    - use* data systems
    - display devices
  - data** recorders
- weather **data** recorders
  - data** recording
  - data** reduction
- TARE **(data** reduction)
  - use* data reduction
- Tracking and **Data** Relay Satellites
  - use* TDR satellites
  - data** retrieval
  - data** sampling
  - data** simulation
  - data** smoothing
- ocean **data** stations
  - use* ocean data acquisitions systems
  - data** storage
- optical **data** storage materials
- optical memory **(data** storage)
- multiple instruction multiple **data** stream
  - use* MIMD (computers)
  - data** structures
- NASA End-to-End **Data** System
  - use* needs (data system)
- needs **(data** system)
  - data** systems
- air **data** systems
- end-to-end **data** systems
- sampled **data** systems
  - data** transfer (computers)
  - data** transmission
- ATM **(data** transmission)
  - use* asynchronous transfer mode
- channels **(data** transmission)
  - data** visualization
    - use* scientific visualization
- single instruction multiple **datastream**
  - use* SIMD (computers)
- launch **dates**
- dating**
  - use* chronology
  - time measurement
- radioactive **dating**
  - use* radioactive age determination
- tree ring **dating**
  - use* dendrochronology
  - datum** (elevation)
  - dawn** chorus
- chorus **(dawn** phenomenon)
  - use* dawn chorus
  - dawsonite**
- twenty-seven **day** variation
  - dayglow**
  - daytime**
  - DBR** lasers
  - DBS** (satellites)
    - use* direct broadcast satellites
- current converters (AC to **DC**)
  - DC** 3 aircraft
- Douglas **DC-3** aircraft
  - use* DC 3 aircraft
  - DC** 7 aircraft
- Douglas **DC-7** aircraft
  - use* DC 7 aircraft
  - DC** 8 aircraft
- Douglas **DC-8** aircraft
  - use* DC 8 aircraft
  - DC** 9 aircraft

Douglas	<b>DC-9</b> aircraft <i>use</i> DC 9 aircraft	plasma	<b>decay</b>
	<b>DC</b> 10 aircraft	radioactive	<b>decay</b>
	<b>DC</b> 11 aircraft <i>use</i> MD 11 aircraft	electron	<b>decay</b> rate
	<b>DC</b> (current) <i>use</i> direct current		<b>decay</b> rates
	<b>DC</b> generators	impact	<b>Decca</b> navigation
inverted converters	( <b>DC</b> to AC)		<b>deceleration</b>
voltage converters	( <b>DC</b> to DC)		<b>deceleration</b> <i>use</i> impact acceleration
defense communications system	( <b>DCS</b> )		<b>decelerators</b> <i>use</i> brakes (for arresting motion)
	<b>DCT</b> (mathematics) <i>use</i> discrete cosine transform		<b>deception</b>
Honeywell	<b>DDP</b> 116 computer	binary to	<b>deciduous</b> trees
	<b>DDP</b> 516 computer		<b>decimal</b> converters
	<b>DDP</b> computers		<b>decimal</b> to binary converters
	<b>DDT</b>		<b>decimals</b>
	<b>de</b> Broglie wavelengths		<b>decimeter</b> waves
Van	<b>de</b> Graaff accelerators		<b>decision</b> aids <i>use</i> decision support systems
	<b>de</b> Havilland aircraft		<b>decision</b> elements <i>use</i> logical elements
	<b>de</b> Havilland DH 106 aircraft <i>use</i> Comet 4 aircraft		<b>decision</b> making
	<b>de</b> Havilland DH 112 aircraft <i>use</i> DH 112 aircraft		<b>decision</b> support systems
	<b>de</b> Havilland DH 115 aircraft <i>use</i> DH 115 aircraft	statistical	<b>decision</b> theory
	<b>de</b> Havilland DH 121 aircraft <i>use</i> DH 121 aircraft		<b>decisions</b>
	<b>de</b> Havilland DH 125 aircraft <i>use</i> DH 125 aircraft		<b>decks</b> (floors) <i>use</i> floors
	<b>de</b> Havilland DHC 4 aircraft <i>use</i> DHC 4 aircraft		<b>declination</b>
	<b>de</b> Havilland DHC 5 aircraft <i>use</i> DHC 5 aircraft	Viterbi	<b>decoders</b>
	<b>de</b> Havilland Venom aircraft <i>use</i> DH 112 aircraft		<b>decoding</b>
	<b>de</b> Laval nozzles <i>use</i> convergent-divergent nozzles	propellant	<b>decommissioning</b>
Delmarva Peninsula	( <b>DE-MD-VA</b> )	thermal	<b>decommutators</b>
	<b>deacclimatization</b> <i>use</i> acclimatization		<b>decomposition</b>
	<b>deactivation</b>	explosive	<b>decomposition</b> <i>use</i> pressure reduction
	<b>dead</b> reckoning		<b>decompression</b> sickness
	<b>deadweight</b> <i>use</i> static loads		<b>deconditioning</b>
	<b>deafness</b> <i>use</i> auditory defects	spin	<b>decongestants</b>
	<b>death</b>		<b>decontamination</b>
pathological cell	<b>death</b> <i>use</i> necrosis	ballistic missile	<b>decoupling</b>
		reentry	<b>decoupling</b>
programmed cell	<b>death</b> <i>use</i> apoptosis	Forbush	<b>decoys</b>
	<b>Death</b> Valley (CA)		<b>decoys</b>
	<b>Debonair</b> aircraft <i>use</i> C-33 aircraft		<b>decreases</b>
	<b>debonding</b> (materials)		<b>decrementing</b> <i>use</i> reduction
	<b>debris</b>	electromagnetic	<b>deduction</b> <i>use</i> magnetic induction
radioactive	<b>debris</b>		<b>deep</b> drawing
space	<b>debris</b>		<b>Deep</b> Impact Mission
	<b>debugging</b> <i>use</i> checkout		<b>deep</b> scattering layers
	<b>Debye</b> -Huckel theory		<b>deep-sea</b> hydrothermal vents <i>use</i> submarine hydrothermal vents
	<b>Debye</b> length		<b>deep</b> space
	<b>Debye</b> -Scherrer method		<b>Deep</b> Space 1 Mission
	<b>Debye</b> temperature <i>use</i> specific heat		<b>Deep</b> Space Instrumentation Facility
IHD (hydrological)	<b>decade</b> <i>use</i> International Hydrological Decade		<b>Deep</b> Space Network
			<b>deep</b> water
International Hydrological	<b>Decade</b>		<b>deep</b> well injection (wastes)
	<b>decametric</b> waves		<b>deepwater</b> terminals
	<b>decarbonation</b>		<b>deer</b>
	<b>decarboxylation</b>		<b>defects</b>
	<b>decarburization</b>	antisite	<b>defects</b>
	<b>decay</b>	auditory	<b>defects</b>
alpha	<b>decay</b>	crystal	<b>defects</b>
neutron	<b>decay</b>	Frenkel	<b>defects</b>
orbit	<b>decay</b>	point	<b>defects</b>
particle	<b>decay</b>	speech	<b>defects</b>
		surface	<b>defects</b>
		vacancies (crystal)	<b>defects</b>
			<b>Defender</b> project
		air	<b>defense</b>
			<b>defense</b>

- antimissile **defense**  
chemical **defense**  
civil **defense**  
missile **defense**  
satellite **defense**  
*use* spacecraft defense
- spacecraft **defense**  
**Defense** Communications Satellite System  
**defense** communications system (DCS)  
**defense** industry  
**Defense** Meteorological Satellite Program  
*use* DMSP satellites  
**defense** program  
SAGE air **defense** system  
physiological **defenses**  
holes (electron **deficiencies**)  
oxygen **deficiency**  
*use* hypoxia  
**definition**  
high **definition** television  
**deflagration**  
**deflating**  
*use* inflatable structures  
pressure reduction  
**deflection**  
flow **deflection**  
photothermal **deflection** spectroscopy  
**deflectors**  
blast **deflectors**  
flame **deflectors**  
**defluorination**  
**defocusing**  
laser beam **defocusing**  
*use* thermal blooming  
thermal **defocusing**  
*use* thermal blooming  
**defoliants**  
**defoliation**  
**deforestation**  
**deformable** mirrors  
**deformation**  
axisymmetric **deformation**  
*use* axial strain  
elastic **deformation**  
nuclear **deformation**  
plastic **deformation**  
static **deformation**  
tensile **deformation**  
wave front **deformation**  
**defometers**  
**defrosting**  
**degassing**  
**degenerate** matter  
**degeneration**  
**degenerative** feedback  
*use* negative feedback  
**degradation**  
thermal **degradation**  
wave **degradation**  
**degrees** of freedom  
**DEHP**  
*use* diethyl hydrogen phosphite (DEHP)
- diethyl hydrogen phosphite (DEHP)  
**dehumidification**  
**dehydrated** food  
**dehydration**  
**dehydrogenases**  
**dehydrogenation**  
**deicers**  
**deicing**  
**deicing** systems  
*use* deicers  
**Deimos**  
**deionization**  
**dekatrons**  
*use* counters
- delaminating**  
**Delaware**  
**Delaware** Bay (US)  
**Delaware** River Basin (US)  
**delay**  
lag (**delay**)  
*use* time lag  
time **delay**  
*use* time lag  
**delay** circuits  
**delay** lines  
acoustic **delay** lines  
**delay** lines (computer storage)  
**deletion**  
**Delfin** aircraft  
*use* L-29 jet trainer  
**Delft** camera  
**delineation**  
**delivery**  
weapons **delivery**  
payload **delivery** (STS)  
**Delmarva** Peninsula (DE-MD-VA)  
**Delphi** method (forecasting)  
**Delrin** (trademark)  
Fairey **Delta** 2 aircraft  
*use* FD 2 aircraft  
**Delta** 3 launch vehicle  
**Delta** 4 Heavy launch vehicle  
**Delta** 4 launch vehicle  
**delta** antennas  
**Delta** Clipper  
**Delta** Dagger aircraft  
*use* F-102 aircraft  
**Delta** Dart aircraft  
*use* F-106 aircraft  
Rhone **Delta** (France)  
**delta** function  
Mississippi **Delta** (LA)  
**Delta** launch vehicle  
Thor **Delta** launch vehicle  
**delta** modulation  
**delta** wings  
**deltas**  
**demagnetization**  
adiabatic **demagnetization** cooling  
biochemical oxygen **demand**  
**demand** assignment multiple access  
**demand** (economics)  
bone **demineralization**  
**demineralizing**  
**Democratic** Peoples Republic of Korea  
*use* North Korea  
German **Democratic** Republic  
*use* East Germany  
**Democratic** Republic of Congo  
Peoples **Democratic** Republic of Germany  
*use* East Germany  
**demodulation**  
**demodulators**  
**demodulators**  
**demodulators**  
*use* modems  
phase **demodulators**  
phase lock **demodulators**  
**demography**  
**demonstration**  
*use* proving  
**demultiplexing**  
biopolymer **denaturation**  
nucleic acid **denaturation**  
*use* biopolymer denaturation  
protein **denaturation**  
*use* biopolymer denaturation  
**denaturation** (biopolymers)  
*use* biopolymer denaturation  
**dendrimers**  
**dendrites**  
**dendritic** crystals

	<b>dendritic</b> drainage		<b>deoxygenation</b>
	<i>use</i> drainage patterns		<b>deoxyribonucleic acid</b>
	<b>dendritic</b> polymers		<b>dependence</b>
	<i>use</i> dendrimers	pressure	<b>dependence</b>
	<b>dendrochronology</b>	temperature	<b>dependence</b>
	<b>denitrogenation</b>	time	<b>dependence</b>
	<b>Denmark</b>	spatial	<b>dependencies</b>
	<b>dense</b> plasmas		<b>dependency</b>
	<b>densification</b>		<i>use</i> dependence
	<b>densimeters</b>		<b>dependent</b> variables
ultrasonic	<b>densimeters</b>		<b>depersonalization</b>
	<b>densitometers</b>		<b>depletion</b>
	<b>density</b>	ozone	<b>depletion</b>
atmospheric	<b>density</b>	Large	<b>Deployable</b> Reflector
bone	<b>density</b>	self	<b>deploying</b> space stations
	<i>use</i> bone mineral content		<i>use</i> self erecting devices
current	<b>density</b>		space stations
electron flux	<b>density</b>		<b>deployment</b>
energy	<b>density</b>	payload	<b>deployment &amp;</b> retrieval system
	<i>use</i> flux density		<b>depolarization</b>
flux	<b>density</b>	optical	<b>depolarization</b>
gas	<b>density</b>		<b>depolarizers</b>
ionospheric electron	<b>density</b>		<i>use</i> depolarization
ionospheric ion	<b>density</b>		<b>depolymerization</b>
luminous flux	<b>density</b>		<b>deposition</b>
	<i>use</i> luminous intensity	atomic layer	<b>deposition</b>
magnetic charge	<b>density</b>		<i>use</i> atomic layer epitaxy
magnetospheric electron	<b>density</b>	chemical vapor	<b>deposition</b>
magnetospheric ion	<b>density</b>		<i>use</i> vapor deposition
magnetospheric proton	<b>density</b>	CVD	<b>(deposition)</b>
Maxwellian distribution	<b>(density)</b>		<i>use</i> vapor deposition
	<i>use</i> Maxwell-Boltzmann density function	electroless	<b>deposition</b>
neutron flux	<b>density</b>	laser	<b>deposition</b>
optical	<b>density</b>	metal organic chemical vapor	<b>deposition</b>
packing	<b>density</b>		<i>use</i> metalorganic chemical vapor
particle flux	<b>density</b>		deposition
photon	<b>density</b>	metalorganic chemical vapor	<b>deposition</b>
plasma	<b>density</b>	MOCVD (vapor)	<b>deposition</b>
proton flux	<b>density</b>		<i>use</i> metalorganic chemical vapor
radiant flux	<b>density</b>		deposition
solar flux	<b>density</b>	OMCVD (vapor)	<b>deposition</b>
space	<b>density</b>		<i>use</i> metalorganic chemical vapor
electron	<b>density</b> (concentration)		deposition
ion	<b>density</b> (concentration)	organometallic vapor	<b>deposition</b>
particle	<b>density</b> (concentration)		<i>use</i> metalorganic chemical vapor
proton	<b>density</b> (concentration)		deposition
	<b>density</b> distribution	pulsed laser	<b>deposition</b>
power	<b>density</b> (electromagnetic)	vacuum	<b>deposition</b>
	<i>use</i> radiant flux density	vapor	<b>deposition</b>
Air	<b>Density</b> Explorer A		<b>deposits</b>
	<i>use</i> Explorer 19 satellite	glaciofluvial	<b>deposits</b>
Dual Air	<b>Density</b> Explorer		<i>use</i> glacial drift
low	<b>density</b> flow	gravel	<b>deposits</b>
Maxwell-Boltzmann	<b>density</b> function		<i>use</i> gravels
	<b>density</b> functional theory	mineral	<b>deposits</b>
normal	<b>density</b> functions		<b>depreciation</b>
Poisson	<b>density</b> functions		<b>depressants</b>
probability	<b>density</b> functions	central nervous system	<b>depressants</b>
Weibull	<b>density</b> functions		<b>depression</b>
low	<b>density</b> gases	neurotic	<b>depression</b>
	<i>use</i> rarefied gases	psychotic	<b>depression</b>
Air	<b>Density</b> /Injun Explorer B		<b>depressions</b> (topography)
	<i>use</i> Explorer 25 satellite		<i>use</i> structural basins
	<b>density</b> (mass/volume)		<b>depressurization</b>
low	<b>density</b> materials		<i>use</i> pressure reduction
	<b>density</b> measurement		<b>deprivation</b>
x ray	<b>density</b> measurement	sensory	<b>deprivation</b>
	<b>density</b> (number/volume)	sleep	<b>deprivation</b>
electron	<b>density</b> profiles	water	<b>deprivation</b>
	<b>density</b> (rate/area)		<b>depth</b>
	<i>use</i> flux density	mixing	<b>depth</b>
low	<b>density</b> research		<i>use</i> mixing height
carrier	<b>density</b> (solid state)	optical	<b>depth</b>
	<b>density</b> wave model		<i>use</i> optical thickness
low	<b>density</b> wind tunnels	water	<b>depth</b> measurement
	<b>dental</b> calculi		<b>depth</b> perception
	<b>dentistry</b>		<i>use</i> space perception
	<b>deoxidizing</b>		

Van	<b>der</b> Waals forces	<b>Destiny</b> Laboratory Module
	<b>derivation</b>	<b>Destroyer</b> aircraft
	<b>derivation</b> calculus	<i>use</i> B-66 aircraft
	<i>use</i> differential calculus	<b>destruction</b>
stability	<b>derivatives</b>	<b>destructive</b> tests
coal	<b>derived</b> gases	<b>desulfurizing</b>
coal	<b>derived</b> liquids	<b>desynchronization</b> (biology)
Shuttle	<b>Derived</b> Vehicles	<b>desynchronized</b> sleep
	<b>dermatitis</b>	<i>use</i> rapid eye movement state
contact	<b>dermatitis</b>	<b>detachment</b>
	<b>dermatology</b>	sound <b>detecting</b> and ranging
	<b>desalinization</b>	<b>detection</b>
	<b>desaturation</b>	acoustic <b>detection</b>
	<b>descaling</b>	<i>use</i> sound detecting and ranging
	<b>descent</b>	aircraft <b>detection</b>
parachute	<b>descent</b>	asteroid <b>detection</b>
steepest	<b>descent</b> method	change <b>detection</b>
	<b>descent</b> propulsion systems	chemical <b>detection</b>
	<b>descent</b> trajectories	correlation <b>detection</b>
hardware	<b>description</b> languages	edge <b>detection</b>
	<b>descriptions</b>	exoplanet <b>detection</b>
	<b>descriptive</b> geometry	<i>use</i> planet detection
	<b>desensitizing</b>	explosives <b>detection</b>
Gobi	<b>desert</b>	extrasolar planet <b>detection</b>
Libyan	<b>desert</b>	<i>use</i> planet detection
	<b>desert</b> adaptation	fault <b>detection</b>
Sahara	<b>Desert</b> (Africa)	flaw <b>detection</b>
Mojave	<b>Desert</b> (CA)	<i>use</i> nondestructive tests
	<b>desertification</b>	forest fire <b>detection</b>
	<b>desertline</b>	haze <b>detection</b>
	<b>deserts</b>	high altitude nuclear <b>detection</b>
	<b>desiccants</b>	missile <b>detection</b>
	<b>desiccation</b>	planet <b>detection</b>
	<i>use</i> drying	radar <b>detection</b>
	<b>desiccators</b>	signal <b>detection</b>
	<b>design</b>	ultrasonic flaw <b>detection</b>
aircraft	<b>design</b>	radio <b>detection</b> and ranging
amplifier	<b>design</b>	<i>use</i> radar
antenna	<b>design</b>	space <b>detection</b> and tracking system
CAD	<b>(design)</b>	error <b>detection</b> codes
	<i>use</i> computer aided design	intrusion <b>detection</b> (computers)
computer	<b>design</b>	airport surface <b>detection</b> equipment
computer aided	<b>design</b>	boundary <b>detection</b> (imagery)
computer systems	<b>design</b>	<i>use</i> edge detection
computerized	<b>design</b>	Golay <b>detector</b> cells
	<i>use</i> computer aided design	<b>detectors</b>
control systems	<b>design</b>	anticoincidence <b>detectors</b>
engine	<b>design</b>	electron <b>detectors</b>
experiment	<b>design</b>	<i>use</i> electron counters
factorial	<b>design</b>	FLIR <b>detectors</b>
helicopter	<b>design</b>	forward looking infrared <b>detectors</b>
Integ Program for Aerospace Veh	<b>Design</b>	<i>use</i> FLIR detectors
	<i>use</i> IPAD	gas <b>detectors</b>
lens	<b>design</b>	infrared <b>detectors</b>
logic	<b>design</b>	life <b>detectors</b>
missile	<b>design</b>	mine <b>detectors</b>
nozzle	<b>design</b>	moisture <b>detectors</b>
plant	<b>design</b>	<i>use</i> moisture meters
pressure vessel	<b>design</b>	neutron <b>detectors</b>
reactor	<b>design</b>	<i>use</i> neutron counters
rocket engine	<b>design</b>	oxygen <b>detectors</b>
satellite	<b>design</b>	<i>use</i> oxygen analyzers
spacecraft	<b>design</b>	particle <b>detectors</b>
structural	<b>design</b>	<i>use</i> radiation counters
systems	<b>design</b>	phase <b>detectors</b>
	<i>use</i> systems engineering	photoelectromagnetic <b>detectors</b>
	<b>design</b> analysis	<i>use</i> photoelectromagnetic effects
structural	<b>design</b> criteria	<i>use</i> radiation measuring instruments
	<b>design</b> of experiments	radiation <b>detectors</b>
	<i>use</i> experiment design	signal <b>detectors</b>
	<b>design</b> optimization	signal-processing-in-the-element <b>detectors</b>
multidisciplinary	<b>design</b> optimization	<i>use</i> infrared detectors
functional	<b>design</b> specifications	silicon radiation <b>detectors</b>
	<b>design</b> to cost	smoke <b>detectors</b>
laser target	<b>designators</b>	sound <b>detectors</b>
	<b>desorption</b>	<i>use</i> sound transducers
	<b>despinning</b>	SPRITE <b>detectors</b>
	<i>use</i> spin reduction	<i>use</i> infrared detectors
	<b>destabilization</b>	squid <b>(detectors)</b>



- stimulated emission **devices**  
 superconducting **devices**  
 surface acoustic wave **devices**  
   timing **devices**  
   tokamak **devices**  
   training **devices**  
 transferred electron **devices**  
   TRAPATT **devices**  
   warning **devices**  
     *use* warning systems  
   yo-yo **devices**  
 positioning **devices** (machinery)  
**devitrification**  
   *use* crystallization  
 Korteweg- **Devries** equation  
**dew**  
**dew** point  
**Dewar** systems  
   *use* cryogenic equipment  
**dewatering**  
**dewaxing**  
**dewetting**  
   *use* drying  
**dextrans**  
**DF**  
   *use* deuterium fluorides  
**DF** lasers  
**DH** 106 aircraft  
   *use* Comet 4 aircraft  
 de Havilland **DH** 106 aircraft  
   *use* Comet 4 aircraft  
   **DH** 112 aircraft  
 de Havilland **DH** 112 aircraft  
   *use* DH 112 aircraft  
   **DH** 115 aircraft  
 de Havilland **DH** 115 aircraft  
   *use* DH 115 aircraft  
   **DH** 121 aircraft  
 de Havilland **DH** 121 aircraft  
   *use* DH 121 aircraft  
   **DH** 125 aircraft  
 de Havilland **DH** 125 aircraft  
   *use* DH 125 aircraft  
   **DHC** 2 aircraft  
   **DHC** 4 aircraft  
 de Havilland **DHC** 4 aircraft  
   *use* DHC 4 aircraft  
   **DHC** 5 aircraft  
 de Havilland **DHC** 5 aircraft  
   *use* DHC 5 aircraft  
   **DHC** Beaver aircraft  
   *use* DHC 2 aircraft  
**diabetes** mellitus  
**Diademe** satellites  
**diagnosis**  
 plasma **diagnostics**  
 C-M **diagram**  
   *use* color-magnitude diagram  
 color-color **diagram**  
 color-magnitude **diagram**  
 Hertzsprung-Russell **diagram**  
   HR **diagram**  
     *use* Hertzsprung-Russell diagram  
   Hubble **diagram**  
   Mollier **diagram**  
   Nyquist **diagram**  
**diagrams**  
 bending **diagrams**  
   block **diagrams**  
   circuit **diagrams**  
 constitutional **diagrams**  
   *use* phase diagrams  
   creep **diagrams**  
 enthalpy-entropy **diagrams**  
   *use* Mollier diagram  
 equilibrium **diagrams**  
   *use* phase diagrams  
 eutectic **diagrams**  
   *use* phase diagrams  
 fatigue **diagrams**  
   *use* S-N diagrams  
 Feynman **diagrams**  
   phase **diagrams**  
   S-N **diagrams**  
 stress-strain **diagrams**  
   Venn **diagrams**  
 Voronoi **diagrams**  
**DIAL** (lidar)  
   *use* differential absorption lidar  
**DIAL** satellite  
**diallyl** compounds  
**dials**  
**dialysis**  
**diamagnetism**  
**Diamant** launch vehicle  
**diameter**  
 solar **diameters**  
 methylene **diamine**  
**diamines**  
**diamond** films  
**diamond** pyramid hardness  
   *use* Vickers hardness  
**diamond** wings  
   *use* low aspect ratio wings  
   swept wings  
**diamonds**  
 meteoritic **diamonds**  
**diaphragm** (anatomy)  
**diaphragms**  
**diaphragms** (mechanics)  
**diastole**  
**diastolic** pressure  
**diatomic** gases  
**diatomic** molecules  
**diatoms** (unicellular plants)  
   *use* algae  
**DIB**  
   *use* diffuse interstellar bands  
**dibasic** compounds  
**diborane**  
**dibromides**  
**dibutyl** compounds  
**dicarboxylic** acids  
**dichlorides**  
**dichlorodiphenyltrichloroethane**  
   *use* DDT  
**dichotomies**  
**dichroism**  
**dichromates**  
   *use* chromates  
**Dicke** radiometers  
**Dicke** type radiometers  
   *use* Dicke radiometers  
**dictionaries**  
**didymium**  
**dieldrin**  
**dielectric** constant  
   *use* permittivity  
**dielectric** loss  
**dielectric** materials  
   *use* dielectrics  
**dielectric** permeability  
**dielectric** polarization  
**dielectric** properties  
**dielectric** waveguides  
**dielectrics**  
**dielectronic** satellite lines  
   *use* resonance lines  
**Diels-Alder** reactions  
**diencephalon**  
**dienes**  
**dies**  
**diesel** engines  
**diesel** fuels  
**diethyl** compounds  
**diethyl** ether  
**diethyl** hydrogen phosphite (DEHP)  
**diets**

- negative **diff** mobility semiconductors  
*use* NDM semiconductor devices
- difference** equations
- flux **difference** splitting
- Roe flux **difference** splitting scheme  
*use* flux difference splitting
- finite **difference** theory
- finite **difference** time domain method
- normalized **difference** vegetation index
- differences**
- temperature **differences**  
*use* temperature gradients
- backward **differencing**
- differential** absorption lidar
- differential** algebra  
*use* differential calculus  
 matrices (mathematics)
- differential** amplifiers
- differential** analyzers
- differential** calculus
- Duffing **differential** equation
- differential** equations
- elliptic **differential** equations
- hyperbolic **differential** equations
- parabolic **differential** equations
- partial **differential** equations
- differential** games
- differential** geometry
- differential** interferometry
- differential** operators  
*use* differential equations  
 operators (mathematics)
- differential** pressure
- differential** pulse code modulation
- differential** thermal analysis  
*use* thermal analysis
- differentiation**
- numerical **differentiation**  
**differentiation** (biology)
- differentiators**
- diffraction**
- electron **diffraction**
- Fresnel **diffraction**
- geometrical theory of **diffraction**
- neutron **diffraction**
- pulse **diffraction**
- wave **diffraction**
- x ray **diffraction**  
**diffraction** gratings  
*use* gratings (spectra)
- diffraction** limited cameras
- diffraction** optics  
*use* diffractive optics
- diffraction** paths
- diffraction** patterns
- diffraction** propagation
- diffraction** radiation
- diffraction** telescopes  
*use* spectroscopic telescopes
- diffraction** optics
- diffractometers**
- diffuse** interstellar bands
- diffuse** radiation
- diffusers**
- exhaust **diffusers**
- shock **diffusers**  
*use* diffusers  
 shock wave attenuation
- supersonic **diffusers**
- vaneless **diffusers**
- diffusion**
- ambipolar **diffusion**
- atmospheric **diffusion**
- eddy **diffusion**  
*use* turbulent diffusion
- electron **diffusion**
- gas **diffusion**  
*use* gaseous diffusion
- gaseous **diffusion**
- gaseous self- **diffusion**
- ionic **diffusion**
- magnetic **diffusion**
- molecular **diffusion**
- particle **diffusion**
- plasma **diffusion**
- species **diffusion**
- surface **diffusion**
- thermal **diffusion**
- turbulent **diffusion**  
**diffusion** bonding  
*use* diffusion welding
- diffusion** coefficient
- diffusion-convection** equation  
*use* convection-diffusion equation
- diffusion** effect  
*use* diffusion
- diffusion** electrodes
- convection- **diffusion** equation
- reaction- **diffusion** equations
- diffusion** flames
- diffusion** length
- diffusion** pumps
- self **diffusion** (solid state)
- diffusion** theory
- diffusion** waves
- diffusion** welding
- diffusivity**
- thermal **diffusivity**
- difluorides**
- difluoro** compounds
- difluorourea**
- digesting**
- digestive** system
- binary systems **(digital)**  
*use* digital systems
- ternary systems **(digital)**  
*use* digital systems
- digital** cameras
- digital** circuits  
*use* digital electronics
- digital** command systems
- digital** communication  
*use* pulse communication
- digital** computers
- analog to **digital** converters
- digital** data
- digital** electronics
- digital** elevation models
- digital** filters
- digital** integrators
- digital** navigation
- digital** radar systems
- digital** simulation
- digital** spacecraft television
- digital** systems
- digital** techniques
- digital** television
- digital** to analog converters
- digital** to voice translators
- digital** transducers
- digitalis**
- digitizers**  
*use* analog to digital converters
- digits**
- binary **digits**
- dihedral** angle
- dihedral** effect  
*use* lateral stability
- dihydrazine**
- ethylene **dihydrazine**
- dihydrides**
- dihydroxyphenylalanine**  
*use* dopa
- diisocyanates**
- dikes** (geology)  
*use* rock intrusions
- dilatation**  
*use* stretching

- dilatational** waves
- dilatometers**
  - use* extensometers
- dilatometry**
- diluents**
- dilution**
  - geometric **dilution** of precision
- dimenhydrinate**
- dimensional** analysis
  - three **dimensional** bodies
  - two **dimensional** bodies
  - three **dimensional** boundary layer
  - two **dimensional** boundary layer
  - three **dimensional** composites
  - one **dimensional** flow
  - three **dimensional** flow
  - two **dimensional** flow
  - two **dimensional** jets
  - dimensional** measurement
  - three **dimensional** models
  - two **dimensional** models
  - three **dimensional** motion
  - dimensional** stability
  - dimensionless** numbers
- dimensions**
  - size **(dimensions)**
- dimercaprol**
- dimerization**
- dimers**
- dimethyl** compounds
- dimethylhydrazines**
- total variation **diminishing** schemes
  - use* TVD schemes
- diminution**
  - use* reduction
- dimming**
- dimpling**
- Dining** Philosophers Problem
- dinitrates**
- varactor **diode** circuits
  - Diode-Transistor-Logic** integ circuits
    - use* DTL integrated circuits
- diodes**
  - avalanche **diodes**
  - barrier injection transit time **diodes**
    - use* Barritt diodes
  - Barritt **diodes**
  - cesium **diodes**
  - Esaki **diodes**
    - use* tunnel diodes
  - germanium **diodes**
  - Gunn **diodes**
  - IMPATT **diodes**
    - use* avalanche diodes
  - junction **diodes**
  - laser **diodes**
    - use* semiconductor lasers
  - LED **(diodes)**
    - use* light emitting diodes
  - light emitting **diodes**
  - metal-insulator-metal **diodes**
    - use* MIM diodes
  - MIM **diodes**
  - parametric **diodes**
  - p-i-n **diodes**
    - use* diodes
    - p-i-n junctions
  - plasma **diodes**
  - resonant tunneling **diodes**
  - Schottky **diodes**
  - Schottky barrier **diodes**
    - use* Schottky diodes
  - semiconductor **diodes**
  - step recovery **diodes**
  - thermionic **diodes**
  - TRAPATT **diodes**
    - use* avalanche diodes
  - tunnel **diodes**
  - varactor **diodes**
- Zener **diodes**
  - use* avalanche diodes
- Dione**
- diophantine** equation
- diorite**
- carbon **dioxide**
- nitrogen **dioxide**
- silicon **dioxide**
- titanium **dioxide**
  - use* titanium oxides
- carbon **dioxide** concentration
- carbon **dioxide** lasers
- carbon **dioxide** removal
- carbon **dioxide** tension
- dioxides**
- sulfur **dioxides**
  - diphenyl** compounds
  - diphenyl** hydantoin
- adenosine **diphosphate**
- diphosphates**
- diphtheria**
- diplexers**
- dipolar** ions
  - use* zwitterions
- dipole** antennas
- dipole** moments
- dipoles**
  - electric **dipoles**
  - magnetic **dipoles**
  - orbiting **dipoles**
- dipping**
- Dirac** equation
- Fermi- **Dirac** statistics
- direct** broadcast satellites
- direct** current
- direct** current generators
  - use* DC generators
- direct** lift controls
- direct** numerical simulation
- direct** power generators
- direction**
  - bearing **(direction)**
  - wind **direction**
  - radar **direction** finders
    - use* radio direction finders
  - radio **direction** finders
    - direction** finders (radio)
      - use* radio direction finders
    - direction** finding
  - alternating **direction** implicit methods
  - flow **direction** indicators
    - directional** antennas
    - directional** control
    - directional** couplers
    - directional** solidification (crystals)
    - directional** stability
  - directivity**
  - directories**
  - directors** (antenna elements)
  - Dirichlet** problem
  - dirigibles**
    - use* airships
  - dirt**
  - DIS**
    - use* distributed interactive simulation
  - disabilities**
  - disarmament**
  - disasters**
  - discharge**
    - Penning **discharge**
    - radio frequency **discharge**
    - ring **discharge**
    - toroidal **discharge**
    - Townsend **discharge**
    - discharge** coefficient
    - gas **discharge** counters
      - use* counters
      - gas discharge tubes

- discharge** tubes
    - use* gas discharge tubes
  - gas **discharge** tubes
  - dischargers**
  - static **dischargers**
  - arc **discharges**
  - cloud-to-cloud **discharges**
  - cloud-to-ground **discharges**
  - corona **discharges**
    - use* electric corona
  - electric **discharges**
  - electrodeless **discharges**
  - gas **discharges**
  - glow **discharges**
  - intracloud **discharges**
  - multipactor **discharges**
  - plasma **discharges**
    - use* plasma jets
  - spark **discharges**
    - use* electric sparks
  - disciplining**
  - discoloration**
  - disconnect** devices
  - disconnectors**
    - use* disconnect devices
  - discontinuity**
  - shock **discontinuity**
  - Discos** (satellite attitude control)
  - Discoverer** recovery capsules
  - Discoverer** satellites
  - discovering**
    - use* exploration
  - knowledge **discovery**
    - use* data mining
  - Discovery** (Orbiter)
  - discrete** address beacon system
  - discrete** cosine transform
  - discrete** functions
  - discretization** (mathematics)
  - discriminant** analysis (statistics)
  - discriminant** functions
    - use* discriminant analysis (statistics)
  - discrimination**
  - brightness **discrimination**
  - sensory **discrimination**
  - speech **discrimination**
    - use* speech recognition
  - tactile **discrimination**
  - time **discrimination**
  - visual **discrimination**
  - discriminators**
  - Fraunhofer line **discriminators**
  - frequency **discriminators**
  - signal **discriminators**
    - use* signal detectors
  - discussion**
  - AIDS **(disease)**
    - use* acquired immunodeficiency syndrome
  - coronary artery **disease**
  - Parkinson **disease**
  - diseased** vegetation
    - use* plant diseases
  - diseases**
  - allergic **diseases**
  - bacterial **diseases**
  - eye **diseases**
  - fungal **diseases**
  - heart **diseases**
  - infectious **diseases**
  - kidney **diseases**
  - metabolic **diseases**
  - occupational **diseases**
  - parasitic **diseases**
  - plant **diseases**
  - respiratory **diseases**
  - rheumatic **diseases**
  - tooth **diseases**
  - toxic **diseases**
- viral **diseases**
- dishes**
  - use* parabolic reflectors
- disilicides**
- disinfectants**
  - use* antiseptics
- disintegration**
- solar **disk**
  - use* sun
- disk** galaxies
- disk** operating system (DOS)
- compact **disk** read-only memory devices
  - use* optical disks
- disks**
- accretion **disks**
- actuator **disks**
- intervertebral **disks**
- magnetic **disks**
- optical **disks**
- protoplanetary **disks**
- rotating **disks**
- rotor **disks**
  - use* turbine wheels
- video **disks**
- disks** (shapes)
- crystal **dislocations**
- edge **dislocations**
- screw **dislocations**
- dislocations** (materials)
- order- **disorder** transformations
- disorders**
- disorientation**
- dispatching**
  - use* distributing
- dispensers**
- cloud **dispersal**
- fog **dispersal**
- dispersing**
- dispersion**
- magnetic **dispersion**
- plasma **dispersion**
  - use* plasma diffusion
- wave **dispersion**
- dispersion** precipitation hardening
  - use* precipitation hardening
- high **dispersion** spectrographs
- dispersion** strengthening
- oxide **dispersion** strengthening
- dispersions**
- displacement**
- crack opening **displacement**
- displacement** measurement
- particle image **displacement** velocimetry
  - use* particle image velocimetry
- display** devices
- plasma **display** devices
- display** systems
  - use* display devices
- F displays**
  - use* F region
- flat panel **displays**
- head-up **displays**
- helmet mounted **displays**
- HMD **(displays)**
  - use* helmet mounted displays
- radar **displays**
  - use* radarscopes
- visual **displays**
  - use* display devices
- disposal**
- waste **disposal**
- hazardous material **disposal** (in space)
- disrupting**
- dissection**
- image **dissector** tubes
- information **dissemination**
- selective **dissemination** of information
- dissipation**
- energy **dissipation**

heat	<b>dissipation</b> <i>use</i> cooling	temperature	<b>distribution</b>
ohmic	<b>dissipation</b>	temporal	<b>distribution</b>
heat	<b>dissipation</b> chilling <i>use</i> cooling	thrust	<b>distribution</b>
	<b>dissipators</b>	velocity	<b>distribution</b>
	<i>use</i> dissipation	vertical	<b>distribution</b>
	<b>dissociation</b>	amplitude	<b>distribution</b> analysis
gas	<b>dissociation</b>	Maxwellian	<b>distribution</b> (density) <i>use</i> Maxwell-Boltzmann density function
heat of	<b>dissociation</b>	hole	<b>distribution</b> (electronics)
molecular	<b>dissociation</b> <i>use</i> dissociation	load	<b>distribution</b> (forces) <b>distribution</b> functions
thermal	<b>dissociation</b>	probability	<b>distribution</b> functions
	<b>dissolution</b> <i>use</i> dissolving	hole	<b>distribution</b> (mechanics) <b>distribution</b> moments
	<b>dissolved</b> gases		<b>distribution</b> (property)
	<b>dissolved</b> organic matter	Gaussian	<b>distributions</b> <i>use</i> normal density functions
	<b>dissolving</b>	normal	<b>distributions</b> <i>use</i> normal density functions
	<b>dissymmetry</b> <i>use</i> asymmetry	Pearson	<b>distributions</b>
	<b>distance</b>	random	<b>distributions</b> <i>use</i> statistical distributions
miss	<b>distance</b>	statistical	<b>distributions</b>
	<b>distance</b> measuring equipment		<b>distributors</b>
	<b>distance</b> perception <i>use</i> space perception		<b>District</b> of Columbia
	<b>distillation</b>	satellite attitude	<b>disturbance</b> <i>use</i> attitude stability spacecraft stability
stripping	<b>(distillation)</b>		<b>disturbance</b> theory <i>use</i> perturbation theory
	<b>distillation</b> equipment		<b>disturbances</b>
	<b>distortion</b>	ionospheric	<b>disturbances</b>
flow	<b>distortion</b>	magnetic	<b>disturbances</b>
signal	<b>distortion</b>	shear	<b>disturbances</b> <i>use</i> S waves
surface	<b>distortion</b>	SID (ionospheric)	<b>disturbances</b> <i>use</i> sudden ionospheric disturbances
	<b>distributed</b> amplifiers	sudden ionospheric	<b>disturbances</b>
	<b>distributed</b> Bragg reflector lasers <i>use</i> DBR lasers	traveling ionospheric	<b>disturbances</b>
	<b>distributed</b> feedback lasers	vortex	<b>disturbances</b> <i>use</i> vortices
	<b>distributed</b> interactive simulation		<b>disturbing</b> functions
	<b>distributed</b> memory	carbon	<b>disulfide</b>
	<b>distributed</b> parameter systems		<b>disulfides</b>
	<b>distributed</b> processing	molybdenum	<b>disulfides</b>
	<b>distributing</b>		<b>ditches</b>
	<b>distribution</b>		<b>ditching</b>
angular	<b>distribution</b>		<b>ditching</b> (excavation) <i>use</i> excavation
Boltzmann	<b>distribution</b>		<b>ditching</b> (landing)
brightness	<b>distribution</b>		<b>dithers</b>
charge	<b>distribution</b>		<b>dithiols</b> <i>use</i> thiols
circulation	<b>distribution</b>		<b>diuresis</b>
current	<b>distribution</b>		<b>diuretics</b>
density	<b>distribution</b>		<b>diurnal</b> rhythms <i>use</i> circadian rhythms
electron	<b>distribution</b>		<b>diurnal</b> variations
energy	<b>distribution</b>		<b>divergence</b>
flow	<b>distribution</b>		<b>divergent</b> nozzles
force	<b>distribution</b>	convergent-	<b>divergent</b> nozzles
frequency	<b>distribution</b>	biological	<b>diversity</b>
geographic	<b>distribution</b>	genetic	<b>diversity</b> <i>use</i> biological diversity
hole	<b>distribution</b>	reception	<b>diversity</b>
horizontal	<b>distribution</b>	space	<b>diversity</b> <i>use</i> reception diversity
ion	<b>distribution</b>		<b>diverters</b>
lift	<b>distribution</b> <i>use</i> force distribution lift		<b>divertors</b> (fusion reactors)
mass	<b>distribution</b>		<b>dividers</b>
moment	<b>distribution</b>		<b>dividers</b>
neutron	<b>distribution</b>	frequency	<b>divides</b>
normal force	<b>distribution</b> <i>use</i> force distribution		<b>divides</b> (landforms)
particle size	<b>distribution</b>		<b>dividing</b> (mathematics)
pattern	<b>distribution</b> <i>use</i> distribution (property)		<b>diving</b> (underwater)
pressure	<b>distribution</b>		<b>division</b>
radial	<b>distribution</b>	cell	<b>division</b>
radiation	<b>distribution</b>	code	<b>division</b> multiple access
Rayleigh	<b>distribution</b>	frequency	<b>division</b> multiple access
size	<b>distribution</b>		
spatial	<b>distribution</b>		
spectral energy	<b>distribution</b>		
star	<b>distribution</b>		
strain	<b>distribution</b>		
stress	<b>distribution</b>		

- time **division** multiple access
- code **division** multiplexing
- frequency **division** multiplexing
- time **division** multiplexing
- wavelength **division** multiplexing
- DIVOT** (voice translators)
  - use* digital to voice translators
- dizziness**
- Djibouti**
- DME-A** satellite
  - use* Explorer 31 satellite
- DMSP** satellites
- DNA**
  - use* deoxyribonucleic acid
- complementary **DNA**
- recombinant **DNA**
  - use* deoxyribonucleic acid
- DNS** (numerical analysis)
  - use* direct numerical simulation
- DO-27** aircraft
- Dornier **DO-27** aircraft
  - use* DO-27 aircraft
- DO-28** aircraft
- Dornier **DO-28** aircraft
  - use* DO-28 aircraft
- DO-31** aircraft
- Dornier **DO-31** aircraft
  - use* DO-31 aircraft
- DO-328** aircraft
- docking**
- autonomous **docking**
- offshore **docking**
- spacecraft **docking**
- multiple **docking** adapters
- spacecraft **docking** modules
- docking** indexing
  - use* indexing (information science)
- document** markup languages
- document** storage
- documentation**
- indexes **(documentation)**
- documents**
- journals **(documents)**
  - use* periodicals
- Dodge** satellite
- Hound **Dog** missile
- doghouses** (electronics)
- dogs**
- dollies**
- dolomite** (mineral)
- dolphins**
- frequency **domain** analysis
- time **domain** analysis
- finite difference time **domain** method
- domain** wall
- domains**
- antiphase **domains**
  - use* antiphase boundaries
- magnetic **domains**
- domes**
- domes** (geology)
- domes** (structural forms)
- domestic** energy
- domestic** satellite communications systems
- dominance**
- eye **dominance**
- vector **dominance** model
- Dominica**
- Dominican** Republic
- Domino** propellants
- Donatello** Logistics Module (ISS)
  - use* Multi-Purpose Logistics Modules
- Donnell** equations
- donor** materials
- doors**
- exits **(doors)**
  - use* doors
- dopa**
- dopamine**
- doped** crystals
- modulation **doped** fets
  - use* MODFETS
- dopes**
- modulation **doping**
- neutron transmutation **doping**
  - doping** (additives)
    - use* additives
  - doping** (materials)
  - Doppler** effect
  - Doppler-Fizeau** effect
  - Doppler** navigation
  - satellite **doppler** positioning
  - Doppler** radar
  - pulse **Doppler** radar
  - stellar **Doppler** shift
    - use* Doppler effect
  - polystation **doppler** tracking system
  - laser **doppler** velocimeters
  - Dornier** aircraft
  - Dornier** DO-27 aircraft
    - use* DO-27 aircraft
  - Dornier** DO-28 aircraft
    - use* DO-28 aircraft
  - Dornier** DO-31 aircraft
    - use* DO-31 aircraft
  - Dornier** paraglider rocket vehicle
- dorsal** sections
- disk operating system **(DOS)**
- dosage**
- radiation **dosage**
- sublethal **dosage**
- dose**
  - use* dosage
- dosimeters**
- threshold detectors **(dosimeters)**
- dosimetry**
  - use* dosimeters
- quantum **dots**
  - double** base propellants
  - double** base rocket propellants
  - double** cusps
  - double-layer** capacitors
    - use* electrochemical capacitors
  - double** precision arithmetic
  - double** sideband transmission
  - double** stars
- period **doubling**
- doughnut** shape wheels
  - use* toroidal wheels
- Douglas** aircraft
- McDonnell **Douglas** aircraft
- Douglas** D-558 aircraft
  - use* D-558 aircraft
- Douglas** DC-3 aircraft
  - use* DC 3 aircraft
- Douglas** DC-7 aircraft
  - use* DC 7 aircraft
- Douglas** DC-8 aircraft
  - use* DC 8 aircraft
- Douglas** DC-9 aircraft
  - use* DC 9 aircraft
- Douglas** PD-808 aircraft
  - use* PD-808 aircraft
- Piaggio- **Douglas** PD-808 aircraft
  - use* PD-808 aircraft
- DOVAP**
  - use* Doppler effect
- down-converters**
- head **down** tilt
- downbursts**
- downlinking**
- downrange**
- Downrange** Antimissile Measurement Program
- downrange** measurement
- downtime**
- downwash**

- DPCM** (modulation)  
*use* differential pulse code modulation
- Draconid** meteoroids
- draft**  
**draft** (gas flow)  
**drafting** (drawing)  
**drafting** machines  
**drag**  
aerodynamic **drag**  
electrostatic **drag**  
friction **drag**  
induced **drag**  
interference **drag**  
minimum **drag**  
nonequilibrium **drag**  
*use* friction drag  
pressure **drag**  
satellite **drag**  
supersonic **drag**  
viscous **drag**  
wave **drag**  
**drag** balance  
*use* aerodynamic balance lift drag ratio  
**drag** chutes  
**drag** coefficients  
**drag** devices  
**drag** effect  
*use* drag  
**drag** force anemometers  
**drag** measurement  
lift **drag** ratio  
**drag** reduction  
Jet **Dragon** aircraft  
*use* DH 125 aircraft  
**dragulators**  
*use* brakes (for arresting motion) drag devices
- drainage**  
dendritic **drainage**  
*use* drainage patterns  
interlacing **drainage**  
*use* drainage patterns  
rectangular **drainage**  
*use* drainage patterns  
**drainage** patterns  
radial **drainage** patterns  
*use* drainage patterns  
**draining**  
*use* drainage  
**drawing**  
bundle **drawing**  
cold **drawing**  
deep **drawing**  
drafting **(drawing)**  
metal **drawing**  
**drawings**  
elevations **(drawings)**  
*use* drawings  
engineering **drawings**  
mechanical **drawings**  
*use* engineering drawings  
**DRC** (capsule)  
*use* Discoverer recovery capsules  
**dreams**  
**dredged** materials  
**dredging**  
**drift**  
continental **drift**  
glacial **drift**  
gyroscopic **drift**  
*use* gyroscopes gyroscopic stability  
instrument **drift**  
*use* drift (instrumentation)  
ionospheric **drift**  
littoral **drift**  
plasma **drift**
- drift** (instrumentation)  
**drift** rate  
**drill** bits  
**drilling**  
laser **drilling**  
**drills**  
**drinking**  
helicopter propeller **drive**  
jet **drive**  
*use* jet propulsion  
propeller **drive**  
surface tension **driven** convection  
buoyancy- **driven** flow  
tip **driven** rotors  
mass **drivers**  
**drives**  
mechanical **drives**  
rotary **drives**  
*use* mechanical drives  
wind tunnel **drives**  
**drogue** parachutes  
*use* drag chutes  
**drogues**  
*use* towed bodies  
**drone** aircraft  
Firebee 2 target **drone** aircraft  
target **drone** aircraft  
**drone** helicopters  
*use* drone aircraft helicopters  
**drone** vehicles  
**Drones** for Aerodynamic and Struct Test  
*use* DAST program  
**drooped** airfoils  
**drop**  
friction pressure **drop**  
*use* skin friction  
pressure **drop**  
**drop** calorimeters  
air **drop** operations  
**drop** size  
**drop** tests  
**drop** towers  
**drop** transfer  
**drop** tubes  
*use* drop towers  
**drop** weight tests  
*use* drop tests  
**dropouts**  
electron-hole **drops**  
liquid **drops**  
*use* drops (liquids)  
**drops** (liquids)  
**dropsondes**  
**Drosophila**  
**drought**  
**drought** conditions  
*use* drought  
**drowsiness**  
*use* sleep  
**drug** therapy  
*use* chemotherapy  
**drugs**  
antiradiation **drugs**  
motion sickness **drugs**  
psychotropic **drugs**  
vasoconstrictor **drugs**  
**drumlins**  
*use* glacial drift  
**drums**  
magnetic **drums**  
**drums** (containers)  
**dry** cells  
**dry** friction  
**dry** heat  
**drydocks**  
**dryers** (equipment)  
*use* drying apparatus  
**drying**

- freeze **drying**  
**drying** apparatus  
**DS1** (space mission)  
*use* Deep Space 1 Mission  
**DSIF** (instrumentation facility)  
*use* Deep Space Instrumentation Facility
- Gyrodyne **DSN-3** helicopter  
*use* QH-50 helicopter  
**DSN** helicopter  
*use* QH-50 helicopter  
**DSN** (space network)  
*use* Deep Space Network  
**DSSSL**  
*use* document markup languages  
**DTA** (analysis)  
*use* thermal analysis  
**DTL** integrated circuits  
**DTMB-111** ground effect machine  
*use* ground effect machines  
**DTMB-430** ground effect machine  
*use* ground effect machines  
**Dual** Air Density Explorer  
**dual** frequency radar  
*use* multispectral radar  
**dual** mode propulsion  
*use* hybrid propulsion  
**dual** spin spacecraft  
**dual** thrust nozzles  
**dual** wing configurations  
**duality** principle  
**duality** theorem  
**dubnium**  
**duct** geometry  
**ducted** bodies  
**ducted** fan engines  
**ducted** fans  
**ducted** flow  
**ducted** propellers  
*use* shrouded propellers  
**ducted** rocket engines  
**ductile-brittle** transition
- brittle- **ductile** transition  
*use* ductile-brittle transition  
**ductility**  
**ducts**
- acoustic **ducts**  
air **ducts**  
annular **ducts**
- Duffing** differential equation  
**dullness**  
*use* luster  
**dummies**  
**dummy** loads  
*use* impedance  
loading  
output  
**dump** combustors  
**dumping**  
**Dunaliella**  
**dunes**
- coastal **dunes**  
*use* dunes  
sand **dunes**  
*use* dunes  
**Dungeys** wind shear mechanism  
*use* wind shear
- Klein- **Dunham** potential  
**dunite**  
**duochromators**  
**duoplasmatrons**  
**duplex** operation  
**duplexers**  
**duplicating**  
*use* reproduction (copying)  
**durability**  
life **(durability)**  
lifetime **(durability)**  
*use* life (durability)
- duration**  
*use* time  
light **duration**  
*use* flash  
pulse duration  
pulse **duration**  
Long **Duration** Exposure Facility  
pulse **duration** modulation  
extended **duration** space flight  
*use* long duration space flight  
long **duration** space flight  
**durane**  
Richardson- **Dushman** equation  
*use* temperature effects  
thermionic emission  
**dust**  
cosmic **dust**  
interplanetary **dust**  
lunar **dust**  
meteoritic **dust**  
*use* micrometeoroids  
zodiacal **dust**  
terrestrial **dust** belt  
meteoroid **dust** clouds  
**dust** collectors  
**dust** storms  
crop **dusting**  
**dusty** plasmas  
**dwarf** galaxies  
**dwarf** novae  
**dwarf** planets  
**dwarf** stars  
brown **dwarf** stars  
red **dwarf** stars  
white **dwarf** stars  
**dwelt**  
**dyadics**  
**dye** lasers  
**dyes**  
**Dyna-Soar** space glider  
*use* X-20 aircraft  
**dynamic** characteristics  
**dynamic** control  
**dynamic** loads  
**dynamic** models  
**dynamic** modulus of elasticity  
solar **dynamic** power systems  
**dynamic** pressure  
**dynamic** programming  
**dynamic** properties  
*use* dynamic characteristics  
**dynamic** range  
**dynamic** response  
**dynamic** stability  
**dynamic** structural analysis  
**dynamic** tests  
**dynamical** systems  
**dynamics**  
cascades (fluid **dynamics**)  
*use* fluid dynamics  
chiral **dynamics**  
computational fluid **dynamics**  
crustal **dynamics**  
*use* Earth crust  
geodynamics  
fluid **dynamics**  
gas **dynamics**  
group **dynamics**  
molecular **dynamics**  
ocean **dynamics**  
panel method (fluid **dynamics**)  
plasma **dynamics**  
rarefied gas **dynamics**  
robot **dynamics**  
rotor **dynamics**  
solar **dynamics**  
*use* helioseismology  
spin **dynamics**  
stabilizers (fluid **dynamics**)

- structural **dynamics**
    - use* dynamic structural analysis
  - General **Dynamics** aircraft
  - Dynamics** Explorer 1 satellite
  - Dynamics** Explorer 2 satellite
  - Dynamics** Explorer satellites
  - dynamite**
  - dynamo** theory
  - dynamometers**
  - dynamos**
    - use* rotating generators
  - dynodes**
  - Dyson** theory
  - dyspnea**
  - dysprosium**
  - dysprosium** 161
    - use* dysprosium isotopes
  - dysprosium** compounds
  - dysprosium** isotopes
- E**
- AIMP- **E**
    - use* Explorer 35 satellite
  - Atmosphere Explorer **E**
    - use* Explorer 55 satellite
  - Earth Resources Technology Satellite **E**
    - use* Landsat E
  - ERTS- **E**
    - use* Landsat E
  - IMP- **E**
    - use* Explorer 35 satellite
  - Landsat **E**
  - Lunar Orbiter **E**
    - use* Lunar Orbiter 5
  - NOAA **E**
    - use* NOAA 8 satellite
  - OGO- **E**
    - use* OGO-5
  - OSO- **E**
    - use* OSO-3
  - Space Shuttle mission 51- **E**
  - Space Shuttle mission 61- **E**
  - vitamin **E**
    - use* tocopherol
  - E-1** layer
  - E-2** aircraft
  - E-2** layer
  - E-3A** aircraft
  - E-4A** aircraft
  - e-commerce**
    - use* electronic commerce
  - E** glass
  - Atlas **E** ICBM
  - night **E** layer
    - use* E region
    - night sky
  - sporadic **E** layer
  - E** layers
    - use* E region
  - e-mail**
    - use* electronic mail
  - E** region
  - AE- **E** satellite
    - use* Explorer 55 satellite
  - TIROS **E** satellite
    - use* TIROS 5 satellite
  - EAI** 680 computer
  - EAI** 8400 computer
  - EAI** 8900 computer
  - EAM** (physical chemistry)
    - use* embedded atom method
  - EAP** (polymers)
    - use* electroactive polymers
  - ear**
  - middle **ear**
  - middle **ear** pressure
  - ear** pressure test
  - ear** protectors
  - eardrums**
  - Early** Apollo Surface Experiments Package
    - use* EASEP
  - Early** Bird satellites
  - early** stars
  - Ballistic Missile **Early** Warning System
  - early** warning systems
  - earphones**
  - ears**
  - artificial **(Earth)**
    - use* Earth hydrosphere
  - hydrosphere **(Earth)**
  - Mission to Planet **Earth**
  - space observations (from **Earth**)
    - Earth** & Ocean Physics Applications Program
    - Earth** albedo
    - rare **earth** alloys
    - Earth** analogs
    - Near **Earth** Asteroid Rendezvous Mission
    - Earth** atmosphere
    - primitive **Earth** atmosphere
    - Earth** axis
    - alkaline **earth** compounds
    - rare **earth** compounds
    - Earth** core
    - Earth** crust
    - Earth** cryosphere
    - Earth** currents
      - use* telluric currents
    - rare **earth** elements
    - Earth** Energy Budget Experiment
      - use* LZEEBE satellite
    - Zonal **Earth** Energy Budget Experiment
      - use* LZEEBE satellite
    - Long Term Zonal **Earth** Energy Experiment
      - use* LZEEBE satellite
    - Earth** environment
    - International Sun **Earth** Explorer 1
    - International Sun **Earth** Explorer 2
    - International Sun **Earth** Explorer 3
    - International Sun **Earth** Explorers
      - Earth** figure
        - use* geodesy
      - Earth** gravitation
      - Earth** hydrosphere
      - Earth** ionosphere
      - Earth-ionosphere** waveguide
      - Earth** limb
      - Earth** magnetosphere
      - Earth** magnetotail
        - use* geomagnetic tail
      - Earth** mantle
      - Earth-Mars** trajectories
      - Earth-Mercury** trajectories
      - alkaline **earth** metals
      - Earth-Moon** system
      - Earth-Moon** trajectories
      - Earth** motion
      - Earth** movements
      - nap-of-the- **earth** navigation
      - Origin of Plasmas in **Earth** Neighborhood
        - use* OPEN Project
      - near **Earth** objects
      - Earth** observations (from space)
      - Synchronous **Earth** Observatory satellite
      - Earth** Observing System (EOS)
      - Earth** orbital environments
      - Geosynchronous **Earth** Orbital Environments
        - use* Earth orbital environments
      - low **Earth** orbital environments
        - use* Earth orbital environments
      - Earth** orbital rendezvous
      - Earth** orbiting space stations
        - use* space stations
      - Earth** orbits
      - low **Earth** orbits
      - Earth** orientation

- alkaline **earth** oxides
- Earth** (planet)
- Earth** planetary structure
- Earth** radiation
  - use* terrestrial radiation
- Earth** radiation budget
- Earth** radiation budget experiment
- Earth** resources
- Earth** Resources Experiment Package
  - use* EREP
- Earth** Resources Information System
- Earth** Resources Observation Satellites
  - use* EROS (satellites)
- Earth** Resources Program
- Earth** resources shuttle imaging radar
  - use* Shuttle Imaging Radar
- Earth** Resources Survey aircraft
- Earth** Resources Survey Program
- Earth** Resources Technology Satellite 1
  - use* Landsat 1
- Earth** Resources Technology Satellite B
  - use* Landsat 2
- Earth** Resources Technology Satellite C
  - use* Landsat 3
- Earth** Resources Technology Satellite D
  - use* Landsat 4
- Earth** Resources Technology Satellite E
  - use* Landsat E
- Earth** Resources Technology Satellite F
  - use* Landsat F
- Earth** Resources Technology Satellites
  - use* Landsat satellites
- Earth** rotation
- Earth** sciences
- Earth** shape
  - use* geodesy
- return to **Earth** space flight
- mantle (**Earth** structure)
  - use* Earth mantle
- Earth** surface
- Earth** terminal measurement system
- Earth** terminals
- Earth** tides
- moon- **Earth** trajectories
- Earth**-Venus trajectories
- Earth** Viewing Applications Laboratory
- Clouds and the **Earth's** Radiant Energy System
  - use* CERES (experiment)
- Earthnet**
- earthquake** damage
- earthquake** resistance
- earthquake** resistant structures
- earthquakes**
- EASEP**
- Middle **East**
- East** Germany
- East** Pakistan
  - use* Bangladesh
- Eastern** Hemisphere
- eating**
- Ebert** spectrometers
- EBF**
  - use* externally blown flaps
- EBR-1** reactor
  - use* Experimental Breeder Reactor 1
- EBR-2** reactor
  - use* Experimental Breeder Reactor 2
- ebullition**
  - use* boiling
- EBWR** (reactor)
  - use* experimental boiling water reactors
- EC-121** aircraft
  - use* C-121 aircraft
- EC-135** aircraft
  - use* C-135 aircraft
- Eccentric** Geophysical Observatory
  - use* EGO
- High **Eccentric** Lunar Occultation Satellite
  - use* Exosat satellite
- Eccentric** Orbit Geophysical Observatory
  - use* EGO
- Highly **Eccentric** Orbit satellites
  - use* HEOS satellites
- eccentric** orbits
- eccentricity**
- eccentrics**
- echelette** gratings
- echelle** gratings
- echelon** faults
  - use* geological faults
- Echo** 1 carrier rocket
  - use* Thor Delta launch vehicle
- Echo** 1 satellite
- Echo** 2 satellite
- Echo** project
- Echo** satellites
- echo** sounding
- echo** suppressors
- echocardiography**
- echoencephalography**
- echoes**
- auroral **echoes**
- lunar **echoes**
- lunar radar **echoes**
- radar **echoes**
- radio **echoes**
- solar radar **echoes**
- Venus radar **echoes**
- eclipse** project
- eclipses**
- lunar **eclipses**
- solar **eclipses**
- eclipsing** binary stars
- ecliptic**
- eclogite**
- Central Atlantic Regional **Ecol** Test Site
  - ecological** systems
    - use* ecosystems
- closed **ecological** systems
- ecology**
- coastal **ecology**
- econometrics**
- economic** analysis
- economic** development
- economic** factors
- economic** impact
- economics**
- demand **(economics)**
- economy**
- ecosystems**
- ECS**
  - use* European Communications Satellite
- Ecuador**
- eddies**
  - use* vortices
- Eddington** approximation
- eddy** currents
- eddy** diffusion
  - use* turbulent diffusion
- large **eddy** simulation
- eddy** viscosity
- edema**
- edge** cracks
- edge** detection
- edge** dislocations
- leading **edge** flaps
- trailing **edge** flaps
- edge** loading
- leading **edge** slats
- leading **edge** sweep
- leading **edge** thrust
- edges**
- blunt leading **edges**
- blunt trailing **edges**
- leading **edges**

sharp leading	<b>edges</b>		Ramsauer	<b>effect</b>
trailing	<b>edges</b>		Sagnac	<b>effect</b>
	<b>editing</b>		scale	<b>effect</b>
	<b>editing</b>	routines (computers)	Schach	<b>effect</b>
	<b>EDTA</b>		Schottky	<b>effect</b>
		<i>use</i> ethylenediaminetetraacetic acids		<i>use</i> work functions
	<b>education</b>		screen	<b>effect</b>
Health-	<b>Education</b>	Telecommunications exp	Seebeck	<b>effect</b>
		<i>use</i> HET experiment	snowplow	<b>effect</b>
	<b>educational</b>	resources		<i>use</i> plasma dynamics
	<b>educational</b>	television	Stark	<b>effect</b>
Prince	<b>Edward</b>	Island	Suhl	<b>effect</b>
	<b>EEG</b>	(electroencephalograms)	Sunyaev-Zeldovich	<b>effect</b>
		<i>use</i> electroencephalography	sweep	<b>effect</b>
Auger	<b>effect</b>		S-Z	<b>effect</b>
Barkhausen	<b>effect</b>			<i>use</i> Sunyaev-Zeldovich effect
Bauschinger	<b>effect</b>		Thomson	<b>effect</b>
Brillouin	<b>effect</b>			<i>use</i> thermoelectricity
brown wave	<b>effect</b>		Umkehr	<b>effect</b>
capture	<b>effect</b>		Voigt	<b>effect</b>
Cerenkov	<b>effect</b>		Zeeman	<b>effect</b>
		<i>use</i> Cerenkov radiation	Zener	<b>effect</b>
Coanda	<b>effect</b>		ground	<b>effect</b> (aerodynamics)
Compton	<b>effect</b>		ground	<b>effect</b> (communications)
Coriolis	<b>effect</b>		proximity	<b>effect</b> (electricity)
diffusion	<b>effect</b>		ram	<b>effect</b> (hydrodynamics)
		<i>use</i> diffusion		<i>use</i> hydrodynamic ram effect
dihedral	<b>effect</b>		Cushioncraft ground	<b>effect</b> machine
		<i>use</i> lateral stability	DTMB-111 ground	<b>effect</b> machine
Doppler	<b>effect</b>			<i>use</i> ground effect machines
Doppler-Fizeau	<b>effect</b>		DTMB-430 ground	<b>effect</b> machine
drag	<b>effect</b>			<i>use</i> ground effect machines
		<i>use</i> drag	SR-N2 ground	<b>effect</b> machine
electro-optical	<b>effect</b>			<i>use</i> Westland ground effect machines
electroseismic	<b>effect</b>		SR-N3 ground	<b>effect</b> machine
		<i>use</i> electric current		<i>use</i> Westland ground effect machines
		seismic waves	SR-N5 ground	<b>effect</b> machine
Ettingshausen	<b>effect</b>			<i>use</i> Westland ground effect machines
Faraday	<b>effect</b>		Westland SR-N2 ground	<b>effect</b> machine
Fizeau	<b>effect</b>			<i>use</i> Westland ground effect machines
Forbush	<b>effect</b>		Westland SR-N3 ground	<b>effect</b> machine
		<i>use</i> Forbush decreases		<i>use</i> Westland ground effect machines
green wave	<b>effect</b>		Westland SR-N5 ground	<b>effect</b> machine
greenhouse	<b>effect</b>			<i>use</i> Westland ground effect machines
Gunn	<b>effect</b>		ground	<b>effect</b> machines
Hall	<b>effect</b>		HD-1 ground	<b>effect</b> machines
hydrodynamic ram	<b>effect</b>			<i>use</i> hovercraft ground effect machines
isotope	<b>effect</b>		hovercraft ground	<b>effect</b> machines
Jahn-Teller	<b>effect</b>		Westland ground	<b>effect</b> machines
Josephson	<b>effect</b>		surface	<b>effect</b> ships
Joule-Thomson	<b>effect</b>		field	<b>effect</b> transistors
Kerr electrooptical	<b>effect</b>		junction field	<b>effect</b> transistors
Kerr magnetooptical	<b>effect</b>			<i>use</i> JFET
Kirkendall	<b>effect</b>		wing-in-ground	<b>effect</b> vehicles
Kondo	<b>effect</b>			<b>effective</b> perceived noise levels
Luxembourg	<b>effect</b>			<b>effectiveness</b>
Magnus	<b>effect</b>		cost	<b>effectiveness</b>
Meissner	<b>effect</b>		system	<b>effectiveness</b>
		<i>use</i> diamagnetism	relative biological	<b>effectiveness</b> (RBE)
		superconductivity		<b>effectors</b>
Mossbauer	<b>effect</b>		end	<b>effectors</b>
Nernst-Ettingshausen	<b>effect</b>			<b>effects</b>
nonohmic	<b>effect</b>		atmospheric	<b>effects</b>
nuclear explosion	<b>effect</b>		biological	<b>effects</b>
Overhauser	<b>effect</b>		chemical	<b>effects</b>
Penning	<b>effect</b>		compressibility	<b>effects</b>
photoelectric	<b>effect</b>		environment	<b>effects</b>
photomechanical	<b>effect</b>		free stream	<b>effects</b>
photovoltaic	<b>effect</b>			<i>use</i> free flow
pinch	<b>effect</b>		galvanomagnetic	<b>effects</b>
PLC	<b>effect</b>		geomagnetic	<b>effects</b>
		<i>use</i> Portevin-le Chatelier effect		<i>use</i> magnetic effects
Pockels	<b>effect</b>		gravitational	<b>effects</b>
		<i>use</i> birefringence	heat	<b>effects</b>
Portevin-le Chatelier	<b>effect</b>			<i>use</i> temperature effects
Poynting-Robertson	<b>effect</b>		jet blast	<b>effects</b>
quantum Hall	<b>effect</b>		Kerr	<b>effects</b>
Raman	<b>effect</b>		long term	<b>effects</b>
		<i>use</i> Raman spectra		

**effects**

- lunar **effects**
- lunar gravitational **effects**
- magnetic **effects**
- many electron **effects**
- Moire **effects**
- pathological **effects**
- Peltier **effects**
- photoelectromagnetic **effects**
- photomagnetic **effects**
- physiological **effects**
- POGO **effects**
- pressure **effects**
- psychological **effects**
- radiation **effects**
- reentry **effects**
- relativistic **effects**
- solar activity **effects**
- sterilization **effects**
- surface roughness **effects**
- temperature **effects**
- thermal **effects**
  - use* temperature effects
- thermoacoustic **effects**
- thermomagnetic **effects**
- turbulence **effects**
- vacuum **effects**
- vibration **effects**
- view **effects**
- wind **effects**
- Combined Release and Radiation **Effects** Sat
  - use* CRRES (satellite)
- efferent** nervous systems
- effervescence**
- efficiency**
  - charge **efficiency**
  - combustion **efficiency**
  - compressor **efficiency**
  - energy conversion **efficiency**
  - nozzle **efficiency**
  - power **efficiency**
  - propeller **efficiency**
  - propulsive **efficiency**
  - quantum **efficiency**
  - thermal **efficiency**
    - use* thermodynamic efficiency
- thermodynamic **efficiency**
- transmission **efficiency**
- volumetric **efficiency**
- Aircraft Energy **Efficiency** program
  - use* ACEE program
- Energy **Efficiency** Transport program
  - use* ACEE program
- effluents**
- efflux**
- effort**
- effusives**
- EGCR** (reactor)
  - use* experimental gas cooled reactors
- eggs**
- EGO**
- egress**
- Egypt**
- EH-101** helicopter
- EHW** (computers)
  - use* evolvable hardware
- eigenfunctions**
  - use* eigenvectors
- eigenstates**
  - use* eigenvectors
- eigenvalues**
- eigenvectors**
- eikonal** equation
- Bose- **Einstein** condensates
- Einstein** equations
- Einstein** Observatory
  - use* HEAO 2
- Bose- **Einstein** statistics
  - use* quantum statistics
- einsteinium**
- einsteinium** compounds
- EISCAT** radar system (Europe)
- ejecta**
- ejection**
- coronal mass **ejection**
- stellar mass **ejection**
- ejection** injuries
- ejection** seats
- flying **ejection** seats
- ejection** training
- ejectors**
- Ekman** layer
- ekranoplanes**
  - use* wing-in-ground effect vehicles
- el Nino**
- El Salvador**
- Elara**
- springs **(elastic)**
- elastic** anisotropy
- elastic** bars
- elastic** bending
- elastic** bodies
- elastic** buckling
- elastic** collisions
  - use* elastic scattering
- elastic** constants
  - use* elastic properties
- elastic** cylinders
- elastic** damping
- elastic** deformation
- elastic** media
- elastic** modulus
  - use* modulus of elasticity
- elastic** plates
- elastic** properties
- elastic** scattering
- elastic** sheets
- elastic** shells
- elastic** stability
  - use* damping
- elastic** strength
  - use* proportional limit
- elastic** systems
- elastic** waves
- polarized **elastic** waves
- elasticity**
  - use* elastic properties
- compliance **(elasticity)**
  - use* modulus of elasticity
- dynamic modulus of **elasticity**
- modulus of **elasticity**
- elasticizers**
  - use* plasticizers
- elastin**
- elastodynamics**
- elastohydrodynamics**
- elastomers**
- vulcanized **elastomers**
- elastometers**
- elastoplasticity**
- elastostatics**
- Elber** equation
- elbow** (anatomy)
- Eldo** launch vehicle
- Electra** aircraft
- electrets**
- breakers **(electric)**
  - use* circuit breakers
- choppers **(electric)**
  - use* electric choppers
- connectors **(electric)**
  - use* electric connectors
- contacts **(electric)**
  - use* electric contacts
- electric** aircraft
  - use* fly by wire control
- electric** appliances
  - use* electric equipment
- electric** arcs

	<b>electric</b> automobiles		<b>electrical</b> impedance
	<b>electric</b> batteries		<b>electrical</b> insulation
	<b>electric</b> bridges		<b>electrical</b> leads
	<b>electric</b> cells		<i>use</i> electric conductors
fission	<b>electric</b> cells	rotating	<b>electrical</b> machines
	<b>electric</b> charge		<b>electrical</b> measurement
	<b>electric</b> choppers		<b>electrical</b> properties
	<b>electric</b> circuits		<b>electrical</b> resistance
	<i>use</i> circuits		<b>electrical</b> resistivity
	<b>electric</b> coils		<b>electrically</b> suspended gyroscopes
General	<b>Electric</b> computers		<i>use</i> electrostatic gyroscopes
	<i>use</i> GE computers		<b>electricity</b>
	<b>electric</b> conductors	atmospheric	<b>electricity</b>
	<b>electric</b> connectors	proximity effect	<b>(electricity)</b>
	<b>electric</b> contacts	static	<b>electricity</b>
	<b>electric</b> control		<b>electrification</b>
	<b>electric</b> corona		<b>electro-optical</b> effect
	<b>electric</b> current		<b>electro-optical</b> photography
	<b>electric</b> dipoles		<b>electro-optical</b> switching
	<b>electric</b> discharges		<i>use</i> optical switching
	<b>electric</b> energy storage		<b>electro-optics</b>
	<b>electric</b> equipment		<b>electroacoustic</b> transducers
	<b>electric</b> equipment tests		<b>electroacoustic</b> waves
	<b>electric</b> field strength		<b>electroacoustics</b>
	<b>electric</b> fields		<b>electroactive</b> polymers
	<b>electric</b> filters		<b>electroanesthesia</b>
	<b>electric</b> furnaces		<b>electrocardiograms</b>
	<b>electric</b> fuses		<i>use</i> electrocardiography
	<b>electric</b> generators		<b>electrocardiography</b>
	<b>electric</b> hybrid vehicles		<b>electrocatalysts</b>
	<b>electric</b> ignition		<b>electrochemical</b> capacitors
	<b>electric</b> impulses		<b>electrochemical</b> cells
	<i>use</i> electric pulses		<b>electrochemical</b> corrosion
	<b>electric</b> moments		<b>electrochemical</b> machining
	<b>electric</b> motor vehicles		<b>electrochemical</b> oxidation
	<b>electric</b> motors		<b>electrochemical</b> synthesis
	<b>electric</b> networks		<b>electrochemistry</b>
	<b>electric</b> outlets		<b>electrochromism</b>
	<b>electric</b> potential		<b>electroconductivity</b>
	<b>electric</b> power		<i>use</i> electrical resistivity
	<b>electric</b> power conversion		<b>electrocuteaneous</b> communication
	<i>use</i> electric generators		<b>electrode</b> dark current
nuclear	<b>electric</b> power generation		<i>use</i> dark current
	<b>electric</b> power plants		<b>electrode</b> film barriers
solar thermal	<b>electric</b> power plants		<b>electrode</b> materials
	<b>electric</b> power supplies		<b>electrodeless</b> discharges
	<b>electric</b> power transmission		<b>electrodeposition</b>
	<b>electric</b> propulsion		<b>electrodermal</b> response
nuclear	<b>electric</b> propulsion		<i>use</i> galvanic skin response
solar	<b>electric</b> propulsion		<b>electrodes</b>
	<b>electric</b> pulses	diffusion	<b>electrodes</b>
	<b>electric</b> reactors	glass	<b>electrodes</b>
	<b>electric</b> relays	ion selective	<b>electrodes</b>
	<b>electric</b> rocket engines	plasma	<b>electrodes</b>
space	<b>electric</b> rocket tests	solid	<b>electrodes</b>
Advanced Recon	<b>Electric</b> Spacecraft	implanted	<b>electrodes</b> (biology)
	<b>electric</b> sparks		<b>electrodialysis</b>
	<b>electric</b> stimuli		<b>electrodissolution</b>
	<b>electric</b> switches		<b>electrodynamics</b>
	<b>electric</b> terminals	quantum	<b>electrodynamics</b>
	<b>electric</b> welding		<b>electrodynamometers</b>
	<b>electric</b> wire		<i>use</i> dynamometers
	<b>electric</b> wiring		<b>electroencephalogram</b>
	<i>use</i> electric wire		<i>use</i> electroencephalography
jacks	<b>(electrical)</b>	EEG	<b>(electroencephalograms)</b>
	<i>use</i> electric connectors		<i>use</i> electroencephalography
mismatch	<b>(electrical)</b>		<b>electroencephalography</b>
	<b>electrical</b> breakdown		<b>electroepitaxy</b>
	<i>use</i> electrical faults		<b>electroerosion</b>
	<b>electrical</b> conductivity		<i>use</i> spark machining
	<i>use</i> electrical resistivity		<b>electroexplosive</b> devices
	<b>electrical</b> conductivity meters		<i>use</i> initiators (explosives)
brushes	<b>(electrical</b> contacts)		<b>electroforming</b>
	<b>electrical</b> energy		<b>electrogenerators</b>
	<i>use</i> electric power		<i>use</i> electric generators
	<b>electrical</b> engineering		<b>electrohydraulic</b> control
	<b>electrical</b> faults		<i>use</i> electric control
	<b>electrical</b> grounding		hydraulic control
			<b>electrohydraulic</b> forming

	<b>electrohydrodynamics</b>		MEMS ( <b>electromechanical</b> devices)
equatorial	<b>electrojet</b>		<i>use</i> microelectromechanical systems
	<b>electrojets</b>		<b>electromechanics</b>
auroral	<b>electrojets</b>		<b>electrometers</b>
	<b>electrokinetics</b>		<b>electromigration</b>
	<b>electroless</b> deposition		<b>electromotive</b> forces
	<b>electroluminescence</b>		<b>electromyograms</b>
	<b>electroluminescent</b> lamps		<i>use</i> electromyography
	<i>use</i> electroluminescence		<b>electromyographs</b>
	luminaires		<i>use</i> electromyography
	<b>electrolysis</b>		<b>electromyography</b>
	<b>electrolyte</b> metabolism		<b>electron</b> acceleration
	<b>electrolytes</b>		<b>electron</b> accelerators
ion exchange membrane	<b>electrolytes</b>		<b>electron</b> affinity
molten salt	<b>electrolytes</b>		negative <b>electron</b> affinity
nonaqueous	<b>electrolytes</b>		<b>electron</b> attachment
solid	<b>electrolytes</b>		<b>electron</b> avalanche
	<b>electrolytic</b> cells		<b>electron</b> beam welding
	<b>electrolytic</b> grinding		<b>electron</b> beams
	<i>use</i> electrochemical machining	relativistic	<b>electron</b> beams
	<b>electrolytic</b> polarization		<b>electron</b> bombardment
	<b>electrolytic</b> polishing		<b>electron</b> bunching
	<i>use</i> electropolishing		<b>electron</b> capture
power density	<b>(electromagnetic)</b>		<b>electron</b> clouds
	<i>use</i> radiant flux density		<b>electron</b> collisions
	<b>electromagnetic</b> absorption		<i>use</i> electron scattering
	<b>electromagnetic</b> acceleration		<b>electron</b> compounds
	<b>electromagnetic</b> compatibility		<i>use</i> intermetallics
	<b>electromagnetic</b> control		<b>electron</b> counters
	<i>use</i> electromagnets		<b>electron</b> cyclotron heating
	remote control		<b>electron</b> cyclotron resonance
	<b>electromagnetic</b> coupling	holes	<b>electron</b> decay rate
	<b>electromagnetic</b> deduction		<b>(electron</b> deficiencies)
	<i>use</i> magnetic induction	ionospheric	<b>electron</b> density (concentration)
	<b>electromagnetic</b> environment	magnetospheric	<b>electron</b> density
	experiment		<b>electron</b> density profiles
	<b>electromagnetic</b> fields		<b>electron</b> detectors
	<b>electromagnetic</b> hammers		<i>use</i> electron counters
plasma-	<b>electromagnetic</b> interaction	transferred	<b>electron</b> devices
	<b>electromagnetic</b> interactions		<b>electron</b> diffraction
	<b>electromagnetic</b> interference		<b>electron</b> diffusion
	<b>electromagnetic</b> levitation		<b>electron</b> distribution
	<i>use</i> magnetic suspension	many	<b>electron</b> effects
	<b>electromagnetic</b> measurement		<b>electron</b> emission
	<b>electromagnetic</b> missiles		<b>electron</b> energy
	<b>electromagnetic</b> noise		<b>electron</b> flux
	<b>electromagnetic</b> noise measurement		<i>use</i> electrons
	<b>electromagnetic</b> propagation		flux (rate)
	<i>use</i> electromagnetic wave		<b>electron</b> flux density
	transmission		<b>electron</b> gas
	<b>electromagnetic</b> properties		<b>electron</b> guns
	<b>electromagnetic</b> propulsion		<b>electron-hole</b> drops
	<b>electromagnetic</b> pulses		<b>electron</b> holes
system generated	<b>electromagnetic</b> pulses		<i>use</i> holes (electron deficiencies)
	<b>electromagnetic</b> pumps		<b>electron</b> impact
	<b>electromagnetic</b> radiation		<b>electron</b> intensity
coherent	<b>electromagnetic</b> radiation		<i>use</i> electron flux density
polarized	<b>electromagnetic</b> radiation	photon-	<b>electron</b> interaction
	<b>electromagnetic</b> rocket engines		<b>electron</b> interactions
	<i>use</i> plasma engines		<i>use</i> electron scattering
	<b>electromagnetic</b> scattering		<b>electron-ion</b> recombination
	<b>electromagnetic</b> shielding		<b>electron</b> ionization
	<b>electromagnetic</b> spectra		<i>use</i> ionization
	<b>electromagnetic</b> surface waves		<b>electron</b> irradiation
	<b>electromagnetic</b> wave filters	free	<b>electron</b> lasers
	<b>electromagnetic</b> wave transmission		<b>electron</b> mass
	<b>electromagnetic</b> waves		<b>electron</b> microscopes
	<i>use</i> electromagnetic radiation	scanning	<b>electron</b> microscopy
	<b>electromagnetics</b>	transmission	<b>electron</b> microscopy
	<i>use</i> electromagnetism		<b>electron</b> mobility
computational	<b>electromagnetism</b>	high	<b>electron</b> mobility transistors
	<b>electromagnetism</b>		<b>electron</b> multipliers
EMP	<b>(electromagnetism)</b>		<i>use</i> photomultiplier tubes
	<i>use</i> electromagnetic pulses		<b>electron</b> optics
PML	<b>(electromagnetism)</b>		<b>electron</b> orbitals
	<i>use</i> perfectly matched layers		<b>electron</b> oscillations
	<b>electromagnets</b>		<b>electron</b> paramagnetic resonance
	<b>electromechanical</b> devices		

	<b>electron</b> paths		look angles <b>(electronics)</b>
	<i>use</i> electron trajectories		medical <b>electronics</b>
	<b>electron</b> phonon interactions		molecular <b>electronics</b>
	<b>electron</b> photography		QHE <b>(electronics)</b>
	<b>electron</b> photon cascades		<i>use</i> quantum Hall effect
	<b>electron</b> plasma		quantum <b>electronics</b>
	<b>electron-positron</b> annihilation		radio <b>electronics</b>
	<i>use</i> positron annihilation		SOAC <b>(electronics)</b>
	<b>electron-positron</b> pairs		<i>use</i> systems-on-a-chip
	<b>electron-positron</b> plasmas		<b>electronography</b>
	<b>electron</b> precipitation		<b>electrons</b>
	<b>electron</b> pressure		conduction <b>electrons</b>
	<b>electron</b> probes		free <b>electrons</b>
	<b>electron</b> pumping		high energy <b>electrons</b>
	<b>electron</b> radiation		hot <b>electrons</b>
	<b>electron</b> recombination		N <b>electrons</b>
	<b>electron</b> ring accelerators		nonrelativistic <b>electrons</b>
	<i>use</i> storage rings (particle accelerators)		<i>use</i> electrons
	<b>electron</b> runaway (plasma physics)		pi- <b>electrons</b>
	<b>electron</b> scattering		solar <b>electrons</b>
	<b>electron</b> sources		<b>electronystagmography</b>
	<b>electron</b> spectroscopy		Kerr <b>electrooptical</b> effect
	<b>electron</b> spin		<b>electrophoresis</b>
	<b>electron</b> spin resonance		continuous flow <b>electrophoresis</b>
	<i>use</i> electron paramagnetic resonance		<i>use</i> electrophoresis
	<b>electron</b> states		<b>electrophotometers</b>
	<b>electron</b> sweeping		<b>electrophotometry</b>
	<i>use</i> sweep frequency		<b>electrophysics</b>
	<b>electron</b> telescopes		<b>electrophysiology</b>
	<i>use</i> particle telescopes		<b>electroplating</b>
	<b>electron</b> temperature		<b>electroplethysmography</b>
	<i>use</i> electron energy		<b>electropolishing</b>
	<b>electron</b> trajectories		<b>electrorefining</b>
	<b>electron</b> transfer		<b>electroretinography</b>
single	<b>electron</b> transistors		<b>electrorheological</b> fluids
	<b>electron</b> transitions		<b>electroseismic</b> effect
	<b>electron</b> tubes		<i>use</i> electric current
	<b>electron</b> tunneling		seismic waves
	<b>electronarcosis</b>		<b>electroslag</b> process
	<b>electronic</b> aircraft		<b>electroslag</b> refining
	<b>electronic</b> amplifiers		<b>electroslag</b> welding
	<i>use</i> amplifiers		<b>electrostatic</b> bonding
	<b>electronic</b> bulletin boards		<b>electrostatic</b> charge
	<b>electronic</b> commerce		<b>electrostatic</b> drag
	<b>electronic</b> control		<b>electrostatic</b> engines
	<b>electronic</b> countermeasures		<b>electrostatic</b> erosion
microminiaturized	<b>electronic</b> devices		<i>use</i> spark machining
	<b>electronic</b> equipment		<b>electrostatic</b> fields
miniature	<b>electronic</b> equipment		<i>use</i> electric fields
spacecraft	<b>electronic</b> equipment		<b>electrostatic</b> generators
	<b>electronic</b> equipment tests		<b>electrostatic</b> gyroscopes
	<b>electronic</b> filters		<b>electrostatic</b> levitation
	<b>electronic</b> levels		<i>use</i> magnetic suspension
	<i>use</i> electron energy		<b>electrostatic</b> plasma
	energy levels		<i>use</i> plasmas (physics)
	<b>electronic</b> mail		<b>electrostatic</b> precipitators
Central	<b>Electronic</b> Management System		<b>electrostatic</b> probes
	<b>electronic</b> modules		<b>electrostatic</b> propulsion
	<b>electronic</b> packaging		<b>electrostatic</b> shielding
	<b>electronic</b> photography		<b>electrostatic</b> waves
	<i>use</i> electro-optical photography		<b>electrostatics</b>
	<b>electronic</b> publishing		<b>electrostriction</b>
	<b>electronic</b> recording systems		<b>electrosynthesis</b>
	<b>electronic</b> signal measurement		<i>use</i> electrochemical synthesis
	<i>use</i> signal measurement		<b>electrothermal</b> engines
	<b>electronic</b> spectra		<b>electroweak</b> interactions (field theory)
	<b>electronic</b> structure		<b>electroweak</b> model
	<b>electronic</b> switches		standard <b>electroweak</b> model
	<i>use</i> switching circuits		<i>use</i> electroweak model
	<b>electronic</b> transducers		<b>electrowinning</b>
	<b>electronic</b> warfare		<b>Elektron</b> 1 satellite
	<b>electronics</b>		<b>Elektron</b> 2 satellite
chips	<b>(electronics)</b>		<b>Elektron</b> 4 satellite
digital	<b>electronics</b>		<b>Elektron</b> satellites
doghouses	<b>(electronics)</b>		<b>element</b> abundance
HEMT	<b>(electronics)</b>		<i>use</i> abundance
	<i>use</i> high electron mobility transistors		conservation <b>element</b> and solution element
hole distribution	<b>(electronics)</b>		<i>use</i> space-time CE/SE method
		signal-processing-in-the-	<b>element</b> detectors

- boundary **element** method
- finite **element** method
- hybrid-Trefftz finite **element** method
  - use* finite element method
  - Trefftz method
- elementary** excitations
- elementary** particle interactions
- elementary** particles
- elements**
- chemical **elements**
- decision **elements**
  - use* logical elements
- directors (antenna **elements**)
- fluid switching **elements**
- heavy **elements**
- holographic optical **elements**
- isoparametric finite **elements**
- light **elements**
- logical **elements**
- nuclear fuel **elements**
- orbital **elements**
- passive **elements**
  - use* parasitic elements (antennas)
- picture **elements**
  - use* pixels
- radioactive **elements**
  - use* radioactive isotopes
- rare earth **elements**
- shafts (machine **elements**)
- siderophile **elements**
- switching **elements**
  - use* switching circuits
- trace **elements**
- transmissions (machine **elements**)
- transuranium **elements**
- parasitic **elements** (antennas)
- transition **elements** (chemistry)
  - use* transition metals
- fuel **elements** (nuclear reactors)
  - use* nuclear fuel elements
- elevation**
- datum **(elevation)**
- elevation** angle
- digital **elevation** models
- Ice, Cloud and Land **Elevation** Satellite
- elevations** (drawings)
  - use* drawings
- elevator** illusion
- space **elevators**
  - elevators** (control surfaces)
  - elevators** (lifts)
- elevons**
- elimination**
- Gaussian **elimination**
- noise **elimination**
  - use* noise reduction
- ellipses**
- Izsak **ellipsoid**
  - use* ellipsoids
  - geodesy
- ellipsoids**
- ellipsometers**
- ellipsometry**
- elliptic** differential equations
- elliptic** functions
- elliptic** integrals
  - use* elliptic functions
- elliptical** cylinders
- elliptical** galaxies
- elliptical** orbits
- elliptical** plasmas
- elliptical** polarization
- ellipticity**
- Saint **Elmo** fire
- elongation**
- elution**
- elutriation**
  - use* elution
- elves**
- emanation**
  - use* emission
- embedded** atom method
- modified **embedded** atom method
  - use* embedded atom method
- embedded** computer systems
- embedding**
- embolisms**
- fat **embolisms**
- embossing**
- embrittlement**
- hydrogen **embrittlement**
- embryology**
- embryos**
- emerald**
  - use* beryl
- emergencies**
- emergency** breathing techniques
- emergency** landing
- emergency** life sustaining systems
- emergency** locator transmitters
- emerging**
- United Arab **Emirates**
- emission**
- acoustic **emission**
- atmospheric **emission**
  - use* airglow
- CN **emission**
- cyanide **emission**
  - use* CN emission
- electron **emission**
- exhaust **emission**
- field **emission**
- fluorescent **emission**
  - use* fluorescence
- hydroxyl **emission**
- ion **emission**
- light **emission**
- microwave **emission**
- neutron **emission**
- nonthermal **emission**
  - use* nonthermal radiation
- optical **emission**
  - use* light emission
- particle **emission**
- photoelectric **emission**
- radiation **emission**
  - use* radiation
- radio **emission**
- secondary **emission**
- self sustained **emission**
- solar radio **emission**
- spectral **emission**
- spontaneous **emission**
- stimulated **emission**
- thermal **emission**
- thermionic **emission**
- ultraviolet **emission**
- stimulated **emission** devices
- VLF **emission** recorders
- emission** spectra
- optical **emission** spectroscopy
- geocoronal **emissions**
- emissivity**
- emissographs**
  - use* actinometers
  - recording instruments
- emittance**
- emitters**
- thermionic **emitters**
- light **emitting** diodes
- surface **emitting** lasers
- emotional** factors
- emotions**
- EMP** (electromagnetism)
  - use* electromagnetic pulses
- empennage**
  - use* tail assemblies
- emphysema**

- employee** relations
- employment**
- emptying**
- EMR** 6050 computer
- emulsions**
- nuclear **emulsions**
- photographic **emulsions**
- automated **en** route ATC
- enamels**
- enantiomeric** compounds
  - use* enantiomers
- enantiomers**
- enantiomorphs**
  - use* enantiomers
- encapsulated** microcircuits
- encapsulating**
- Enceladus**
- encephalitis**
- Encke** comet
- Encke** method
- enclosure**
- enclosures**
- encoders**
  - use* coders
- encoding**
  - use* coding
- redundancy **encoding**
- signal **encoding**
- encounters**
- NASA End-to-**End** Data System
- end-to-**end** data systems
- end** effectors
- end** moraines
  - use* glacial drift
- end** plates
- endangered** species
- Endeavour** (orbiter)
- endfire** arrays
- endocrine** glands
- endocrine** secretions
- endocrine** systems
- endocrinology**
- endolymph**
- endoplasmic** reticulum
- endoscopes**
- endothelium**
- endothermic** fuels
- endothermic** reactions
- endotoxins**
- endrin**
- endurance**
- physical **endurance**
  - use* physical fitness
- enemy** personnel
- Energetic** Particle Explorer A
  - use* Explorer 12 satellite
- Energetic** Particle Explorer B
  - use* Explorer 14 satellite
- Energetic** Particle Explorer C
  - use* Explorer 15 satellite
- Energetic** Particle Explorer D
  - use* Explorer 26 satellite
- energetic** particles
- Energiya** launch vehicle
- energy**
- activation **energy**
- atomic **energy**
  - use* nuclear energy
- binding **energy**
- chemical **energy**
- clean **energy**
- commercial **energy**
- dark **energy**
- domestic **energy**
- electrical **energy**
  - use* electric power
- electron **energy**
- exergic **energy**
  - use* exergy
- free **energy**
- Gibbs free **energy**
- gravitational binding **energy**
- hydrogen-based **energy**
- industrial **energy**
- interfacial **energy**
- internal **energy**
- kinetic **energy**
- lattice **energy**
- momentum **energy**
  - use* kinetic energy
- nuclear **energy**
- nuclear binding **energy**
- particle **energy**
- potential **energy**
- proton **energy**
- radiant **energy**
  - use* radiation
- renewable **energy**
- residential **energy**
- seismic **energy**
- solar **energy**
- stacking fault **energy**
- surface **energy**
- thermal **energy**
- thermonuclear **energy**
  - use* thermonuclear power generation
- transportation **energy**
- waterwave **energy**
- wind **energy**
  - use* windpower utilization
- zero point **energy**
- solar **energy** absorbers
  - energy** absorption
  - energy** absorption films
- moderation **(energy** absorption)
- thermalization **(energy** absorption)
  - High **Energy** Astronomy Observatories
    - use* HEAO
    - High **Energy** Astronomy Observatory 1
      - use* HEAO 1
    - High **Energy** Astronomy Observatory 2
      - use* HEAO 2
    - High **Energy** Astronomy Observatory 3
      - use* HEAO 3
    - High **Energy** Astronomy Observatory 4
      - use* HEAO 4
    - High **Energy** Astronomy Observatory A
      - use* HEAO 1
    - High **Energy** Astronomy Observatory B
      - use* HEAO 2
    - High **Energy** Astronomy Observatory C
      - use* HEAO 3
    - High **Energy** Astronomy Observatory D
      - use* HEAO 4
- energy** bands
  - Earth **Energy** Budget Experiment
    - use* LZEEBE satellite
  - Zonal Earth **Energy** Budget Experiment
    - use* LZEEBE satellite
- energy** budgets
- energy** conservation
- energy** consumption
- energy** conversion
- energy** conversion efficiency
- geothermal **energy** conversion
- ocean thermal **energy** conversion
- satellite solar **energy** conversion
- solar **energy** conversion
- waterwave **energy** conversion
  - energy** converters
    - use* direct power generators
  - energy** density
    - use* flux density
  - energy** dissipation
  - energy** distribution
  - spectral **energy** distribution
  - Aircraft **Energy** Efficiency program
    - use* ACEE program

# Energy

	<b>Energy</b>	Efficiency Transport program	J-69-T-25	<b>engine</b>
		<i>use</i> ACEE program	J-71	<b>engine</b>
high	<b>energy</b>	electrons	J-73	<b>engine</b>
	<b>energy</b>	equipartition	J-75	<b>engine</b>
		<i>use</i> equipartition theorem	J-79	<b>engine</b>
	<b>energy</b>	exchange	J-85	<b>engine</b>
		<i>use</i> energy transfer	J-93	<b>engine</b>
Long Term Zonal Earth	<b>Energy</b>	Experiment	J93-MJ252H	<b>engine</b>
		<i>use</i> LZEEBE satellite		<i>use</i> J-93 engine
geothermal	<b>energy</b>	extraction	J93-MJ280G	<b>engine</b>
HEF (high	<b>energy</b>	fuels)		<i>use</i> J-93 engine
		<i>use</i> high energy fuels	J-97	<b>engine</b>
high	<b>energy</b>	fuels	LACE	<b>(engine)</b>
		<i>use</i> liquid air cycle engines		
	<b>energy</b>	gaps (solid state)	LR-62-RM-2	<b>engine</b>
high	<b>energy</b>	interactions	LR-87-AJ-5	<b>engine</b>
weak	<b>energy</b>	interactions	LR-91-AJ-5	<b>engine</b>
	<b>energy</b>	levels	M-1	<b>engine</b>
atomic	<b>energy</b>	levels	M-46	<b>engine</b>
molecular	<b>energy</b>	levels	M-55	<b>engine</b>
	<b>energy</b>	loss	M-56	<b>engine</b>
		<i>use</i> energy dissipation	M-57	<b>engine</b>
terminal area	<b>energy</b>	management	M-100	<b>engine</b>
	<b>energy</b>	methods	MA-2	<b>engine</b>
strain	<b>energy</b>	methods	MA-3	<b>engine</b>
	<b>energy</b>	of formation	MA-5	<b>engine</b>
high	<b>energy</b>	oxidizers	Marbore 2	<b>engine</b>
	<b>energy</b>	policy		<i>use</i> J-69-T-25 engine
Bernstein	<b>energy</b>	principle	Marquardt R4D	<b>engine</b>
biomass	<b>energy</b>	production	NERVA	<b>(engine)</b>
Surface Meteorology and Solar	<b>Energy</b>	project		<i>use</i> nuclear engine for rocket vehicles
		high <b>energy</b> propellants	NIMPHE	<b>(engine)</b>
strain	<b>energy</b>	release rate		<i>use</i> hydrazine engines
	<b>energy</b>	requirements	P-1	<b>engine</b>
	<b>energy</b>	sources	Pegasus	<b>engine</b>
atmospheric	<b>energy</b>	sources		<i>use</i> Bristol-Siddeley BS 53 engine
offshore	<b>energy</b>	sources	RA-28	<b>engine</b>
	<b>energy</b>	spectra	RL-10-A-1	<b>engine</b>
	<b>energy</b>	storage	RL-10-A-3	<b>engine</b>
	<b>energy</b>	storage devices	SL-3	<b>rocket engine</b>
		<i>use</i> energy storage	Space Shuttle Main	<b>Engine</b>
electric	<b>energy</b>	storage	T-34	<b>engine</b>
magnetic	<b>energy</b>	storage	T-38	<b>engine</b>
thermal	<b>energy</b>	storage	T-53	<b>engine</b>
		<i>use</i> heat storage	T-55	<b>engine</b>
Clouds and the Earth's Radiant	<b>Energy</b>	System	T-56	<b>engine</b>
		<i>use</i> CERES (experiment)	T-58	<b>engine</b>
integrated	<b>energy</b>	systems	T-63	<b>engine</b>
solar total	<b>energy</b>	systems	T-64	<b>engine</b>
		total <b>energy</b> systems	T-74	<b>engine</b>
	<b>energy</b>	technology	T-76	<b>engine</b>
	<b>energy</b>	transfer	T-78	<b>engine</b>
linear	<b>energy</b>	transfer (LET)	TF-30	<b>engine</b>
geothermal	<b>energy</b>	utilization	TF-34	<b>engine</b>
waste	<b>energy</b>	utilization	TF-41	<b>engine</b>
AJ-10	<b>engine</b>		TX-77	<b>engine</b>
AJ-1000	<b>engine</b>		TX-354	<b>engine</b>
		<i>use</i> M-1 engine	TX-33-39	<b>engine</b>
				<i>use</i> XM-33 engine
Algol	<b>engine</b>		X-248	<b>engine</b>
Altair	<b>engine</b>		X-254	<b>engine</b>
		<i>use</i> X-248 engine	X-258-B1	<b>engine</b>
ASROC	<b>engine</b>		X-259	<b>engine</b>
BE-3	<b>engine</b>		X-405	<b>engine</b>
Bristol-Siddeley BS 53	<b>engine</b>		XJ-34-WE-32	<b>engine</b>
Bristol-Siddeley Olympus 593	<b>engine</b>			<i>use</i> J-34 engine
Bristol-Siddeley Viper	<b>engine</b>		XJ-79-GE-1	<b>engine</b>
Castor 2	<b>engine</b>			<i>use</i> J-79 engine
		<i>use</i> TX-354 engine	XHR-99	<b>engine</b>
CF-700	<b>engine</b>		XM-33	<b>engine</b>
F-1 rocket	<b>engine</b>		YJ73 turbojet	<b>engine</b>
H-1	<b>engine</b>			<i>use</i> J-73 engine
Hercules	<b>engine</b>		YJ-73-GE-3	<b>engine</b>
				<i>use</i> J-73 engine
J-2	<b>engine</b>		YJ-79	<b>engine</b>
J-33	<b>engine</b>			<i>use</i> J-79 engine
J-34	<b>engine</b>		YJ-85	<b>engine</b>
J-47	<b>engine</b>			<i>use</i> J-85 engine
J-52	<b>engine</b>			
J-57	<b>engine</b>			
J-58	<b>engine</b>			
J-65	<b>engine</b>			

YJ-93 **engine**  
     *use* J-93 engine  
 YJ-93-GE-3 **engine**  
     *use* J-93 engine  
 YLR-91-AJ-1 **engine**  
     rocket **engine** 9KS-11000  
     single **engine** aircraft  
         **engine** airframe integration  
         **engine** analyzers  
     missile **engine** cases  
         *use* rocket engine cases  
     rocket **engine** cases  
         **engine** control  
     rocket **engine** control  
     turbojet **engine** control  
         **engine** coolants  
         **engine** design  
     rocket **engine** design  
         **engine** failure  
     nuclear **engine** for rocket vehicles  
     jet **engine** fuels  
         **engine** inlets  
         **engine** monitoring instruments  
         **engine** noise  
     rocket **engine** noise  
         **engine** parts  
         **engine** primers  
     quiet **engine** program  
         **engine** relight (in-flight)  
         *use* air start  
 Orbit Maneuvering **Engine** (Space Shuttle)  
     **engine** starters  
     **engine** testing laboratories  
     **engine** tests  
     **engineering**  
     aeronautical **engineering**  
     aerospace **engineering**  
     beds (process **engineering**)  
     chemical **engineering**  
     columns (process **engineering**)  
     computer aided **engineering**  
         *use* computer aided design  
     concurrent **engineering**  
     cracking (chemical **engineering**)  
     electrical **engineering**  
     environmental **engineering**  
     genetic **engineering**  
     geotechnical **engineering**  
     human **engineering**  
         *use* human factors engineering  
     human factors **engineering**  
     mechanical **engineering**  
     production **engineering**  
     regeneration (**engineering**)  
     reliability **engineering**  
     reverse **engineering**  
     software **engineering**  
     space systems **engineering**  
         *use* aerospace engineering  
     structural **engineering**  
     systems **engineering**  
     tissue **engineering**  
     underwater **engineering**  
     value **engineering**  
         **engineering** development  
         *use* product development  
         **engineering** drawings  
 SEE (software **engineering** environments)  
     *use* programming environments  
     software **engineering** environments  
         *use* programming environments  
         **engineering** management  
     Shuttle **Engineering** Simulator  
         **engineering** test reactors  
         **Engineering** Test Satellites  
     **engineers**  
     **engines**  
     aerospike **engines**  
     air breathing **engines**

    aircraft **engines**  
     arc jet **engines**  
     automobile **engines**  
     booster rocket **engines**  
     cesium **engines**  
     convertible fan-shaft **engines**  
     Dart turboprop **engines**  
         *use* turboprop engines  
     diesel **engines**  
     ducted fan **engines**  
     ducted rocket **engines**  
     electric rocket **engines**  
     electromagnetic rocket **engines**  
         *use* plasma engines  
     electrostatic **engines**  
     electrothermal **engines**  
     external combustion **engines**  
     free-piston **engines**  
     gas generator **engines**  
         *use* engines  
         gas generators  
     gas turbine **engines**  
     heat **engines**  
     helicopter **engines**  
     HEUS rocket **engines**  
     hot water rocket **engines**  
     hybrid propellant rocket **engines**  
     hybrid rocket **engines**  
     hydrazine **engines**  
     hydrogen **engines**  
     hydrogen oxygen **engines**  
     hydrox **engines**  
         *use* hydrogen oxygen engines  
     ingestion (**engines**)  
     internal combustion **engines**  
     ion **engines**  
     JATO **engines**  
     jet **engines**  
     liquid air cycle **engines**  
     liquid oxygen hydrocarbon rocket **engines**  
         *use* oxygen-hydrocarbon rocket  
         engines  
     liquid propellant rocket **engines**  
     lithergol rocket **engines**  
     low volume ramjet **engines**  
     LOX-hydrocarbon rocket **engines**  
         *use* oxygen-hydrocarbon rocket  
         engines  
     LOX-hydrogen **engines**  
         *use* hydrogen oxygen engines  
     mercury ion **engines**  
     microrocket **engines**  
     Nike booster rocket **engines**  
     nozzleless rocket **engines**  
     nuclear lightbulb **engines**  
     nuclear ramjet **engines**  
     nuclear rocket **engines**  
     oxygen-hydrocarbon rocket **engines**  
     PDE (**engines**)  
         *use* pulse detonation engines  
     PDRE (**engines**)  
         *use* pulse detonation engines  
     PDWE (**engines**)  
         *use* pulse detonation engines  
     piston **engines**  
     PIT (rocket **engines**)  
         *use* pulsed inductive thrusters  
     plasma **engines**  
     PPT (rocket **engines**)  
         *use* pulsed plasma thrusters  
     pulse detonation **engines**  
     pulse detonation wave **engines**  
         *use* pulse detonation engines  
     pulsed arcjet **engines**  
         *use* pulsed jet engines  
     pulsed jet **engines**  
     pulsejet **engines**  
     radio frequency ion thruster **engines**  
         *use* RIT engines

- ramjet **engines**
- RBCC **engines**
  - use* rocket-based combined-cycle engines
- reciprocating **engines**
  - use* piston engines
- resistojet **engines**
- restartable rocket **engines**
- retrorocket **engines**
- reusable rocket **engines**
- RIT **engines**
- RL-10 **engines**
- rocket **engines**
- rocket-based combined-cycle **engines**
- rotary **engines**
- scramjet **engines**
  - use* supersonic combustion ramjet engines
- solid propellant rocket **engines**
  - Stirling **engines**
- supersonic combustion ramjet **engines**
- sustainer rocket **engines**
- SYNCOM apogee **engines**
- topping cycle **engines**
- torpedo **engines**
- turbine **engines**
- turbofan **engines**
- turbojet **engines**
- turboprop **engines**
- turboramjet **engines**
- turborocket **engines**
- two stage plasma **engines**
- ullage rocket **engines**
- upper stage rocket **engines**
- variable cycle **engines**
- variable stream control **engines**
- Vernier **engines**
- Wankel **engines**
- X-258 **engines**
- England**
- New **England** (US)
- English** Channel
- English** language
- engraving**
- enhanced** vision
- enhancement**
  - use* augmentation
- color **enhancement**
  - use* color coding
- image **enhancement**
- storm **enhancement**
- sudden **enhancement** of atmospherics
- enlarging**
  - use* expansion
- ENO** schemes
  - use* essentially non-oscillatory schemes
- enrichment**
- isotopic **enrichment**
- Enrico** Fermi atomic power plant
- Enskog**-Chapman theory
  - use* Chapman-Enskog theory
- Chapman-**Enskog** theory
- enstatite**
- enstrophy**
  - use* vorticity
- Enterprise** (Orbiter)
- enthalpy**
- enthalpy**-entropy diagrams
  - use* Mollier diagram
- entire** functions
- entomology**
- entrainment**
- entrances**
- entrapment**
- entropy**
- enthalpy-**entropy** diagrams
  - use* Mollier diagram
- maximum **entropy** method
- minimum **entropy** method
- entropy** (statistics)
- entry**
- atmospheric **entry**
- planetary **entry**
  - use* atmospheric entry
- entry** guidance (STS)
- Pioneer Venus 2 **entry** probes
- atmospheric **entry** simulation
- Viking 1975 **entry** vehicle
- enumeration**
- envelopes**
- flight **envelopes**
- stellar **envelopes**
- Geostationary Operatl **Environ** Satellite B
  - use* GOES 2
- Geostationary Operational **Environ** Sats
  - use* GOES satellites
- Antarctic **environment**
  - use* ice environments
- Earth **environment**
- lunar **environment**
- Mars **environment**
- space **environment**
  - use* aerospace environments
- environment** effects
- electromagnetic **environment** experiment
- man **environment** interactions
- environment** management
- environment** models
- environment** pollution
- environment** protection
- environment** simulation
- space **environment** simulation
- environment** simulators
- environmental** chambers
  - use* test chambers
- environmental** chemistry
- environmental** cleanup
- environmental** control
- environmental** engineering
- environmental** index
- environmental** laboratories
- space **environmental** lubrication
  - use* spacecraft lubrication
- environmental** monitoring
- environmental** quality
- Environmental** Research Satellites
- National Operational **Environmental** Sat Sys
  - use* NOESS
- NOAA-N Prime **Environmental** Satellite
  - use* NOAA 19 satellite
- National Polar-orbiting Operational **Environmental** Satellite System
  - use* NPOESS
- environmental** surveys
- environmental** temperature
  - use* ambient temperature
- environmental** tests
- environmental** transport
- environments**
- aerospace **environments**
- Arctic **environments**
  - use* ice environments
- Earth orbital **environments**
- extraterrestrial **environments**
- frictionless **environments**
- GEO **environments**
  - use* Earth orbital environments
- Geosynchronous Earth Orbital **Environments**
  - use* Earth orbital environments
- high altitude **environments**
- high gravity **environments**
- high temperature **environments**
- ice **environments**
- LEO **environments**
  - use* Earth orbital environments
- low Earth orbital **environments**
  - use* Earth orbital environments
- low temperature **environments**

- marine **environments**
- planetary **environments**
- programming **environments**
- rotating **environments**
- SEE (software engineering **environments**)
  - use* programming environments
- software engineering **environments**
  - use* programming environments
- spacecraft **environments**
- thermal **environments**
  - Envisat-1** satellite
  - enzyme** activity
  - enzyme** inhibitors
  - enzymes**
  - enzymology**
  - EOCR** (reactor)
    - use* experimental organic cooled reactors
  - EOGO**
    - use* EGO
  - EOLE** satellites
  - EOPAP**
    - use* Earth & Ocean Physics Applications Program
  - EOR** (rendezvous)
    - use* Earth orbital rendezvous
  - EOS**
    - use* Earth Observing System (EOS)
- Earth Observing System **(EOS)**
  - AM-1 **(EOS)**spacecraft
    - use* Terra spacecraft
  - EOS-A**
    - use* Landsat E
  - EOS AM-1** spacecraft
    - use* Terra spacecraft
  - EOS-B**
    - use* Landsat F
  - EOS** data and information system
  - EOS PM** (satellite)
    - use* Aqua spacecraft
  - EOSDIS**
    - use* EOS data and information system
  - eosinophils**
  - EPE-A**
    - use* Explorer 12 satellite
  - EPE-B**
    - use* Explorer 14 satellite
  - EPE-C**
    - use* Explorer 15 satellite
  - EPE-D**
    - use* Explorer 26 satellite
- planet **ephemerides**
  - ephemerides** time
  - epicardium**
  - epicycloids**
  - epidemiology**
  - epidermis**
  - epilepsy**
  - Epimetheus**
  - epinephrine**
  - epitaxy**
    - atomic layer **epitaxy**
    - liquid phase **epitaxy**
    - molecular beam **epitaxy**
    - vapor phase **epitaxy**
  - epithelium**
  - EPNL**
    - use* effective perceived noise levels
- Holocene **epoch**
- Pleistocene **epoch**
  - epochs**
    - use* time measurement
  - epoxidation**
  - epoxides**
    - use* epoxy compounds
  - boron- **epoxy** composites
  - graphite- **epoxy** composites
- epoxy** compounds
- epoxy** matrix composites
- epoxy** resins
- phenolic **epoxy** resins
- k- **epsilon** turbulence model
- kappa- **epsilon** turbulence model
  - use* k-epsilon turbulence model
- equalizers** (circuits)
- Bernoulli **equation**
  - use* Bernoulli theorem
- Bethe-Salpeter **equation**
- Blasius **equation**
- Boltzmann transport **equation**
- Boltzmann-Vlasov **equation**
- Born-Mayer **equation**
  - use* Born approximation
- Brillouin-Wigner **equation**
- Burger **equation**
- Chandrasekhar **equation**
- Chaplygin **equation**
- continuity **equation**
- convection-diffusion **equation**
- diffusion-convection **equation**
  - use* convection-diffusion equation
- diophantine **equation**
- Dirac **equation**
- Duffing differential **equation**
- eikonal **equation**
- Elber **equation**
- Euler-Lagrange **equation**
- Euler-Lambert **equation**
- Falkner-Skan **equation**
- Ffowcs Williams-Hawkings **equation**
- Ficks **equation**
- Fokker-Planck **equation**
- FW-H **equation**
  - use* Ffowcs Williams-Hawkings equation
- Gauss **equation**
- Gibbs adsorption **equation**
- Hamilton-Jacobi **equation**
- Helmholtz vorticity **equation**
- inhour **equation**
- Klein-Gordon **equation**
- Korteweg-Devries **equation**
- Krook **equation**
- Laplace **equation**
- Mathieu **equation**
  - use* Mathieu function
- Maxwell **equation**
- Monge-Ampere **equation**
- Navier-Stokes **equation**
- Pfaff **equation**
- Poisson **equation**
- Reynolds **equation**
- Riccati **equation**
- Richardson-Dushman **equation**
  - use* temperature effects thermionic emission
- Schroedinger **equation**
- Stokes-Beltrami **equation**
- Von Karman **equation**
- Hugoniot **equation** of state
  - equations**
  - equations**
  - balance **equations**
    - use* equations
  - biharmonic **equations**
  - boundary layer **equations**
  - Burnett **equations**
  - Cauchy-Riemann **equations**
    - characteristic **equations**
      - use* eigenvalues eigenvectors
    - conservation **equations**
    - constitutive **equations**
    - cubic **equations**
    - difference **equations**
    - differential **equations**

# equations

- Donnell **equations**
- Einstein **equations**
- elliptic differential **equations**
- equilibrium **equations**
- Euler-Cauchy **equations**
- Faddeev **equations**
- flow **equations**
- forced vibratory motion **equations**
  - use* equations
  - forced vibration
- Fredholm **equations**
- Gibbs **equations**
- Gibbs-Helmholtz **equations**
  - heat **equations**
  - use* thermodynamics
- Helmholtz **equations**
- hydrodynamic **equations**
- hyperbolic differential **equations**
- integral **equations**
- integrodifferential **equations**
  - use* differential equations
  - integral equations
- kinematic **equations**
- kinetic **equations**
- Lame wave **equations**
- Landau-Ginzburg **equations**
  - linear **equations**
- linear evolution **equations**
- Liouville **equations**
- macroscopic **equations**
- motion **equations**
  - use* equations of motion
- nonholonomic **equations**
- nonlinear **equations**
- nonlinear evolution **equations**
- orbit **equations**
  - use* orbital mechanics
- Orr-Sommerfeld **equations**
- parabolic differential **equations**
- partial differential **equations**
  - period **equations**
  - use* periodic functions
- primitive **equations**
- quadratic **equations**
- quartic **equations**
- Rayleigh **equations**
- reaction-diffusion **equations**
- roots of **equations**
- Saha **equations**
- semiempirical **equations**
- shallow shell **equations**
- simultaneous **equations**
- singular integral **equations**
- state **equations**
  - use* equations of state
- vlasov **equations**
- Volterra **equations**
- vorticity **equations**
- wave **equations**
- Wiener Hopf **equations**
  - of motion
- Euler **equations**
  - of motion
- Lagrange **equations**
  - of motion
  - use* Euler-Lagrange equation
  - of state
- geomagnetic **equator**
  - use* magnetic equator
- lunar **equator**
- magnetic **equator**
  - atmosphere
- French **Equatorial**
  - Congo
  - use* Congo (Brazzaville)
  - equatorial** electrojet
  - equatorial** orbits
  - equatorial** regions
  - equators**
  - equilibrium**
- acid base **equilibrium**
- chemical **equilibrium**
- liquid-vapor **equilibrium**
- local thermodynamic **equilibrium**
- plasma **equilibrium**
- thermodynamic **equilibrium**
- vapor liquid **equilibrium**
  - use* liquid-vapor equilibrium
- equilibrium** diagrams
  - use* phase diagrams
- equilibrium** equations
- equilibrium** flow
- frozen **equilibrium** flow
- shifting **equilibrium** flow
- equilibrium** methods
- Lagrangian **equilibrium** points
- equinoxes**
- energy **equipartition**
  - use* equipartition theorem
- equipartition** theorem
- equipment**
- absorbers **(equipment)**
- air conditioning **equipment**
- airborne **equipment**
- aircraft **equipment**
- airport surface detection **equipment**
- astronaut maneuvering **equipment**
- audio **equipment**
- audio visual **equipment**
- automatic test **equipment**
- bedding **equipment**
- bombing **equipment**
- booms **(equipment)**
- CEFOAM checkout **equipment**
- checkout **equipment**
  - use* test equipment
- communication **equipment**
- control **equipment**
- cryogenic **equipment**
- cyclones **(equipment)**
  - use* centrifuges
- data processing **equipment**
- distance measuring **equipment**
- distillation **equipment**
- dryers **(equipment)**
  - use* drying apparatus
- electric **equipment**
- electronic **equipment**
- ground support **equipment**
- handling **equipment**
- heating **equipment**
- hydraulic **equipment**
- jacking **equipment**
  - use* jacks (lifts)
- laboratory **equipment**
- lighting **equipment**
- lossless **equipment**
- lunar based **equipment**
- lunar construction **equipment**
- lunar excavation **equipment**
- medical **equipment**
- microwave **equipment**
- miniature electronic **equipment**
- onboard **equipment**
- optical **equipment**
- oxygen supply **equipment**
- photographic **equipment**
- photographic processing **equipment**
- pneumatic **equipment**
- portable **equipment**
- radar **equipment**
- radio **equipment**
- retractable **equipment**
- spacecraft **equipment**
- spacecraft electronic **equipment**
- stowage (onboard **equipment**)
- survival **equipment**
- television **equipment**
- test **equipment**
- thickeners **(equipment)**

- ultra short wave radio **equipment**
  - use* very high frequency radio equipment
- very high frequency radio **equipment**
  - video **equipment**
  - auxiliary **equipment** (computers)
    - use* peripheral equipment (computers)
  - peripheral **equipment** (computers)
    - equipment** specifications
  - electric **equipment** tests
  - electronic **equipment** tests
  - Crew **Equipment** Translation Aid (ISS)
  - equipotentials**
  - equivalence**
  - equivalent** circuits
  - ER-2** aircraft
    - use* U-2 aircraft
  - ER** fluids
    - use* electrorheological fluids
  - Cenozoic **Era**
  - Mesozoic **Era**
  - Paleozoic **Era**
    - ERBE**
      - use* Earth radiation budget experiment
    - erbium**
      - erbium** 169
        - use* erbium isotopes
      - erbium** 171
        - use* erbium isotopes
    - erbium** alloys
    - erbium** compounds
    - erbium** isotopes
    - space **erectable** structures
    - self **erecting** devices
    - erection**
      - use* construction
    - EREP**
    - ergodic** process
    - ergometers**
    - ergonomics**
      - use* human factors engineering
    - ergotamine**
    - Lake **Erie**
    - EROS** asteroid
    - EROS** project
      - use* Experimental Reflector Orbital Shot Proj
    - EROS** (satellites)
    - erosion**
    - electrostatic **erosion**
      - use* spark machining
    - rain **erosion**
    - soil **erosion**
    - water **erosion**
    - wind **erosion**
    - erosive** burning
    - boresight **error**
    - flight technical **error**
      - use* pilot error
    - phase **error**
    - pilot **error**
      - error** analysis
      - error** band
        - use* accuracy
      - error** correcting codes
      - error** correcting devices
      - error** detection codes
      - error** functions
    - bit **error** rate
    - error** signals
    - errors**
    - instrument **errors**
    - perceptual **errors**
    - position **errors**
    - random **errors**
    - range **errors**
    - root-mean-square **errors**
  - systematic **errors**
  - truncation **errors**
  - velocity **errors**
    - ERS-1** (ESA satellite)
    - ERS-2** (esa satellite)
    - ERS** 17
    - ERS** 18
    - ERTS**
      - use* Landsat satellites
    - ERTS-A**
      - use* Landsat 1
    - ERTS-B**
      - use* Landsat 2
    - ERTS-C**
      - use* Landsat 3
    - ERTS-D**
      - use* Landsat 4
    - ERTS-E**
      - use* Landsat E
    - ERTS-F**
      - use* Landsat F
  - volcanic **eruptions**
    - eruptions** (volcanology)
      - use* volcanic eruptions
    - erythrocytes**
    - ES-3A** aircraft
      - use* S-3 aircraft
    - ESA**
      - use* European Space Agency
    - Eureca **(ESA)**
    - GEOS satellites **(ESA)**
    - Magellan Mission **(ESA)**
      - use* Magellan ultraviolet astronomy satellite
    - Maritime Communication Satellite **(ESA)**
      - use* Marots (ESA)
    - Marots **(ESA)**
    - Orbital Test Satellite **(ESA)**
      - use* OTS (ESA)
    - OTS **(ESA)**
    - SPAS **(ESA)** platforms
      - use* Shuttle pallet satellites
    - ERS-1 **(ESA)** satellite
    - ERS-2 **(esa)** satellite
    - ESA** satellites
    - ESA** spacecraft
    - Esaki** diodes
      - use* tunnel diodes
    - escalators**
    - escape**
      - escape** (abandonment)
      - escape** capsules
    - lunar **escape** devices
    - escape** rockets
    - escape** systems
    - launch **escape** systems
    - LES **(escape)** systems
      - use* launch escape systems
    - escape** velocity
    - escarpments**
    - Escherichia**
    - ESG** (gyroscopes)
      - use* electrostatic gyroscopes
    - eskers**
      - use* glacial drift
    - Eskimos**
    - ESO** (observatory)
      - use* European Southern Observatory
    - esophagus**
    - ESRO**
      - use* European Space Agency
    - GEOS satellites **(ESRO)**
      - use* GEOS satellites (ESA)
    - ESRO** 1 satellite
    - ESRO** 2 satellite
    - ESRO** 4 satellite
    - ESRO** satellites
      - use* ESA satellites
    - ESSA** 1 satellite

- ESSA 2 satellite
- ESSA 3 satellite
- ESSA 4 satellite
- ESSA 5 satellite
- ESSA 6 satellite
- ESSA 7 satellite
- ESSA 8 satellite
- ESSA 9 satellite
- ESSA satellites
- essentially** non-oscillatory schemes
- esters**
- nitrate **esters**
- estimates**
- cost **estimates**
- maximum likelihood **estimates**
- estimating**
- orbital position **estimation**
- state **estimation**
- estimators**
- Estonia**
- estrogens**
- estuaries**
- eta-mesons**
- etalons**
- etchants**
- etching**
- plasma **etching**
- ethane**
- ethane** nitrile  
*use* acetonitrile
- ethanol**  
*use* ethyl alcohol
- diethyl **ether**
- polyphenyl **ether**
- Ethernet**
- ethers**
- ethics**
- Ethiopia**
- ethnic** factors
- ethoxy** ethylene
- ethyl** alcohol
- ethyl** compounds
- ethylene**
- ethoxy **ethylene**
- vinyl **ethylene**  
*use* butadiene
- ethylene** compounds
- ethylene** cyanide  
*use* succinonitrile
- ethylene** dihydrazine
- ethylene** oxide
- ethylenediamine**
- ethylenediaminetetraacetic** acids
- etiology**
- ETR** (reactors)  
*use* engineering test reactors
- ETS** series satellites  
*use* Engineering Test Satellites
- Ettingshausen** coolers  
*use* Ettingshausen effect  
thermoelectric cooling
- Ettingshausen** effect
- Nernst- **Ettingshausen** effect
- Euclidean** geometry
- Euclidean** space  
*use* Euclidean geometry
- audiometers**
- Euglena**
- eukaryotes**
- Euler-Bernoulli** beam theory  
*use* Euler-Bernoulli beams
- Euler-Bernoulli** beams
- Euler** buckling
- Euler-Cauchy** equations
- Euler** equations of motion
- Euler-Lagrange** equation
- Euler-Lambert** equation
- Eulerian** nutation  
*use* Chandler wobble
- Georgia **(Eurasia)**
- Eureca** (ESA)
- Europa**
- Europa** 1 launch vehicle
- Europa** 2 launch vehicle
- Europa** 3 launch vehicle
- Europa** 4 launch vehicle
- Europa** launch vehicles
- Europe**
- Alps Mountains **(Europe)**
- Baltic Shield **(Europe)**
- Carpathian Mountains **(Europe)**
- Central **Europe**
- EISCAT radar system **(Europe)**
- Pyrenees Mountains **(Europe)**
- European** 1 spacecraft
- European** Airbus
- European** Communications Satellite
- European** Incoherent Scatter Radar  
*use* EISCAT radar system (Europe)
- European** Large Telecomm Satellite  
*use* L-Sat
- European** Retrievable Carrier  
*use* Eureca (ESA)
- European** Southern Observatory
- European** Space Agency
- European** space programs
- European** Space Research Organization  
*use* European Space Agency
- European** Space Research Organization  
sat  
*use* ESA satellites
- Joint **European** Torus
- European** Union
- euprium**
- euprium** compounds
- euprium** isotopes
- eustachian** tubes
- eutectic** alloys
- eutectic** composites
- eutectic** diagrams  
*use* phase diagrams
- eutectics**
- eutrophication**
- EUVE**  
*use* Extreme Ultraviolet Explorer  
satellite
- euxenite**
- EVA**  
*use* extravehicular activity
- Advanced **EVA** Protection Systems  
*use* AEPS
- evacuating**
- gas **evacuating**  
*use* evacuating (vacuum)
- evacuating** (transportation)
- evacuating** (vacuum)
- EVAL**  
*use* Earth Viewing Applications  
Laboratory
- evaluation**
- threat **evaluation**
- training **evaluation**
- graphic **evaluation** and review techniques  
*use* GERT
- program **evaluation** review technique  
*use* PERT
- data adaptive **evaluator** /monitor  
*use* data processing  
data reduction  
data transmission
- evanescence**
- evanescent** waves
- evaporation**
- propellant **evaporation**  
rate
- evaporation** rate
- evaporative** cooling
- evaporators**
- evaporography**

- evapotranspiration**
  - pursuit- **evasion** games
  - evasive** actions
  - evasive** satellites
  - evection**
    - use* lunar orbits
    - orbit perturbation
    - solar gravitation
  - even- **even** nuclei
  - odd- **even** nuclei
  - evening**
  - Tunguska **event**
    - use* Tungusk meteorite
  - event** horizon
  - single **event** upsets
  - events**
  - consecutive **events**
  - flux transfer **events**
  - Everglades** (FL)
  - evoked** response (psychophysiology)
  - evolution**
    - biological **evolution**
    - chemical **evolution**
    - galactic **evolution**
    - gas **evolution**
    - lunar **evolution**
    - planetary **evolution**
    - solar system **evolution**
    - stellar **evolution**
    - evolution** (development)
    - linear **evolution** equations
    - nonlinear **evolution** equations
    - evolution** (liberation)
    - evolvable** hardware
    - EVS**
      - use* enhanced vision
    - exactness**
      - use* precision
    - examination**
    - eye **examinations**
    - physical **examinations**
    - excavation**
    - ditching **(excavation)**
      - use* excavation
    - tunneling **(excavation)**
      - lunar **excavation** equipment
      - mines **(excavations)**
      - pits **(excavations)**
    - charge **exchange**
    - energy **exchange**
      - use* energy transfer
    - gas **exchange**
    - IDEP (data **exchange**)
      - use* interservice data exchange program
  - resonance charge **exchange**
  - spin **exchange**
  - ion **exchange** membrane electrolytes
  - interservice data **exchange** program
  - ion **exchange** resins
  - exchangers**
  - heat **exchangers**
  - tube heat **exchangers**
  - exchanging**
  - ion **exchanging**
  - excimer** lasers
  - excimers**
  - excitation**
    - acoustic **excitation**
    - harmonic **excitation**
    - molecular **excitation**
    - self **excitation**
    - triplet **excitation**
      - use* atomic energy levels
    - wave **excitation**
    - atomic **excitations**
    - elementary **excitations**
    - transversely **excited** atmospheric lasers
      - use* TEA lasers
  - excited** states
    - use* excitation
  - excitons**
  - exclusion**
  - Pauli **exclusion** principle
  - excretion**
  - Mars **Excursion** Module
  - MEM (**excursion** module)
    - use* Mars Excursion Module
  - executive** aircraft
    - use* general aviation aircraft
    - passenger aircraft
  - executive** systems (computers)
    - use* operating systems (computers)
  - exercise**
    - use* physical exercise
  - physical **exercise**
  - Valsalva **exercise**
  - exercise** physiology
  - exergic** energy
    - use* exergy
  - exergy**
  - exertion**
    - use* physical work
  - exhalation**
  - hot jet **exhaust**
    - use* high temperature gases
    - jet exhaust
  - jet **exhaust**
  - rocket **exhaust**
    - clouds
    - diffusers
    - emission
    - flow simulation
    - gases
    - jets
      - use* exhaust gases
    - nozzles
  - turbine **exhaust** nozzles
  - exhaust** systems
  - exhaust** velocity
  - exhausting**
  - exhaustion**
  - existence**
  - existence** theorems
  - exits** (doors)
    - use* doors
  - exobiology**
  - exophoria**
    - use* heterophoria
  - exoplanet** detection
    - use* planet detection
  - exoplanets**
    - use* extrasolar planets
  - EXOS-A** satellite
  - EXOS-B** satellite
  - EXOS-C** satellite
  - EXOS-D** satellite
  - EXOS** satellites
  - EXOS** sounding rocket
  - Exosat** satellite
  - exoskeletons**
  - exosolar** planets
    - use* extrasolar planets
  - exosphere**
  - exothermic** reactions
  - Health-Education Telecommunications **exp**
    - use* HET experiment
  - Galactic Radiation **Exp** Background sats
    - use* GREB satellites
  - expandable** structures
  - expansion**
    - gas **expansion**
    - Karhunen-Loeve **expansion**
    - light-cone **expansion**
    - Prandtl-Meyer **expansion**
    - series **expansion**
    - thermal **expansion**

expansion

- expansion** waves
  - use* elastic waves
- expectancy** hypothesis
- expectation**
- expeditions**
- expellants**
- expendable** stages (spacecraft)
- Feature Identification and Location **Exper**
- Space **Exper** with Particle Accelerators
  - use* SEPAC (payload)
- experience**
- Atmospheric General Circulation **Experiment**
- CERES **(experiment)**
- Earth Energy Budget **Experiment**
  - use* LZEEBE satellite
- Earth radiation budget **experiment**
- electromagnetic environment **experiment**
- First ISCCP Regional **Experiment**
  - use* FIRE (climatology)
- GARP Atlantic Tropical **Experiment**
- GATE **(experiment)**
  - use* GARP Atlantic Tropical Experiment
- Halogen Occultation **Experiment**
- HET **experiment**
- International Satellite Geodesy **Experiment**
- LACATE **(experiment)**
- Large Area Crop Inventory **Experiment**
- Lithium Cooled Reactor **Experiment**
- Long Term Zonal Earth Energy **Experiment**
  - use* LZEEBE satellite
- Lower Atmospheric Composition **Experiment**
  - use* LACATE (experiment)
- plasma interaction **experiment**
- San Andreas Fault **experiment**
- sodium reactor **experiment**
- Stratospheric Aerosol & Gas **Experiment**
  - use* SAGE satellite
- Zonal Earth Energy Budget **Experiment**
  - use* LZEEBE satellite
- experiment** design
- Physics and Chemistry **Experiment** in Space
- Gravity Recovery and Climate **Experiment** mission
  - use* GRACE mission
- Apollo lunar **experiment** module
- Kibo Japanese **Experiment** Module
- Earth Resources **Experiment** Package
  - use* EREP
- Goddard **experiment** package telescope
  - use* particle telescopes
- Biomedical **Experiment** Scientific Satellite
  - use* BESS (satellite)
- crew **experiment** stations
- experimental** aircraft
  - use* research aircraft
- experimental** boiling water reactors
- Experimental** Breeder Reactor 1
- Experimental** Breeder Reactor 2
- experimental** gas cooled reactors
- Geodynamic **Experimental** Ocean Satellite
  - use* GEOS-D satellite
- experimental** organic cooled reactors
- Experimental** Reflector Orbital Shot Proj
- Lincoln **Experimental** Satellites
- experimental** STOL transport rsch
  - airplane
  - use* Questol aircraft
- experimentation**
- critical **experiments**
- design of **experiments**
  - use* experiment design
- space plasma H/V interaction **experiments**
  - use* SPHINX
- space technology **experiments**
- spaceborne **experiments**
- Apollo Lunar Surface **Experiments** Package
- Early Apollo Surface **Experiments** Package
  - use* EASEP
- expert** systems
- expiration**
- expired** air
- exploding** conductor circuits
  - use* circuits
  - exploding wires
- exploding** conductors
  - use* exploding wires
- exploding** wires
- exploitation**
- exploration**
- lunar **exploration**
- Mars **exploration**
- mineral **exploration**
- natural gas **exploration**
- oil **exploration**
- planetary **exploration**
  - use* space exploration
- space **exploration**
- Lunar **Exploration** System for Apollo
- LESA (lunar **exploration** system)
  - use* Lunar Exploration System for Apollo
- Crew **Exploration** Vehicle
- Advanced Composition **Explorer**
- DAD **Explorer**
  - use* Dual Air Density Explorer
- Dual Air Density **Explorer**
- Far UV Spectroscopic **Explorer**
- Gamma Ray Astronomy **Explorer**
  - use* Explorer 11 satellite
- Imager for Magnetopause-to-Aurora Global **Explorer**
  - use* IMAGE satellite
- Injun **Explorer**
  - use* Explorer 25 satellite
- International Cometary **Explorer**
  - use* International Sun Earth Explorer 3
- International Magnetospheric **Explorer**
- International Ultraviolet **Explorer**
  - use* IUE
- Interplanetary **Explorer**
  - use* Explorer 18 satellite
- planetary **explorer**
  - use* outer planets explorers
- Rossi X Ray Timing **Explorer**
  - use* X Ray Timing Explorer
- Solar Mesosphere **Explorer**
- Transition Region and Coronal **Explorer**
- Wide-field Infrared Survey **Explorer**
- X Ray Timing **Explorer**
- International Sun Earth **Explorer** 1
- Explorer** 1 satellite
- Dynamics **Explorer** 1 satellite
- International Sun Earth **Explorer** 2
- Radio Astronomy **Explorer** 2
  - use* Explorer 49 satellite
- Explorer** 2 satellite
- Dynamics **Explorer** 2 satellite
- International Sun Earth **Explorer** 3
- Explorer** 3 satellite
- Explorer** 4 satellite
- Explorer** 5 satellite
- Explorer** 6 satellite
- Explorer** 7 satellite
- Explorer** 8 satellite
- Explorer** 9 satellite
- Explorer** 10 satellite
- Explorer** 11 satellite
- Explorer** 12 satellite
- Explorer** 14 satellite
- Explorer** 15 satellite
- Explorer** 16 satellite
- Explorer** 17 satellite
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- Explorer** 22 satellite

**Explorer** 23 satellite  
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**Explorer** 25 satellite  
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**Explorer** 37 satellite  
**Explorer** 38 satellite  
**Explorer** 39 satellite  
**Explorer** 40 satellite  
**Explorer** 41 satellite  
**Explorer** 42 satellite  
*use* Uhuru satellite  
**Explorer** 43 satellite  
**Explorer** 44 satellite  
**Explorer** 45 satellite  
**Explorer** 46 satellite  
**Explorer** 47 satellite  
**Explorer** 48 satellite  
**Explorer** 49 satellite  
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**Explorer** 51 satellite  
**Explorer** 52 satellite  
**Explorer** 53 satellite  
**Explorer** 54 satellite  
**Explorer** 55 satellite  
**Explorer** 71 satellite  
*use* Advanced Composition Explorer  
**Explorer** 73 satellite  
*use* Transition Region and Coronal Explorer  
**Explorer** 74 satellite  
*use* Submillimeter Wave Astronomy Satellite  
**Explorer** 77 satellite  
*use* Far UV Spectroscopic Explorer  
**Explorer** 78 satellite  
*use* IMAGE satellite  
Air Density **Explorer** A  
*use* Explorer 19 satellite  
Atmosphere **Explorer** A  
*use* Explorer 17 satellite  
Beacon **Explorer** A  
Energetic Particle **Explorer** A  
*use* Explorer 12 satellite  
Ionosphere **Explorer** A  
*use* Explorer 20 satellite  
Air Density/Injun **Explorer** B  
*use* Explorer 25 satellite  
Atmosphere **Explorer** B  
*use* Explorer 32 satellite  
Beacon **Explorer** B  
*use* Explorer 22 satellite  
Energetic Particle **Explorer** B  
*use* Explorer 14 satellite  
Radio Astronomy **Explorer** B  
*use* Explorer 49 satellite  
Atmosphere **Explorer** C  
*use* Explorer 51 satellite  
Beacon **Explorer** C  
*use* Explorer 27 satellite  
Energetic Particle **Explorer** C  
*use* Explorer 15 satellite  
Atmosphere **Explorer** D  
*use* Explorer 54 satellite  
Energetic Particle **Explorer** D  
*use* Explorer 26 satellite  
Atmosphere **Explorer** E  
*use* Explorer 55 satellite  
Cosmic Background **Explorer** satellite  
Extreme Ultraviolet **Explorer** satellite

Radio Astronomy **Explorer** satellite  
**Explorer** satellites  
Applications **Explorer** Satellites  
Dynamics **Explorer** satellites  
Micrometeoroid **Explorer** satellites  
Active Magneto Particle Tracer **Explorers**  
*use* AMPTE (satellites)  
International Sun Earth **Explorers**  
outer planets **explorers**  
nuclear **explosion** effect  
**explosion** suppression  
**explosions**  
aerial **explosions**  
atomic **explosions**  
*use* nuclear explosions  
chemical **explosions**  
gas **explosions**  
nuclear **explosions**  
propellant **explosions**  
thermonuclear **explosions**  
underground **explosions**  
underwater **explosions**  
octol **(explosive)**  
**explosive** decompression  
**explosive** devices  
**explosive** forming  
**explosive** gases  
*use* flammable gases  
**explosive** welding  
**explosives**  
boosters **(explosives)**  
caps **(explosives)**  
initiators **(explosives)**  
nitrasol **explosives**  
primers **(explosives)**  
**explosives** detection  
**exponential** functions  
**exponents**  
**exports**  
*use* international trade  
**EXPOS** (Spacelab payload)  
**exposure**  
radiation **exposure**  
*use* radiation dosage  
Long Duration **Exposure** Facility  
Mars **Express**  
gene **expression**  
gene **expression** regulation  
**expressions** (mathematics)  
*use* formulas (mathematics)  
**expulsion**  
**expulsion** bladders  
**extars**  
*use* x ray stars  
**extended** duration space flight  
*use* long duration space flight  
propagation **(extension)**  
Apollo **extension** system  
**extensions**  
**extensometers**  
**external** combustion engines  
**external** store separation  
**external** stores  
pods **(external** stores)  
**external** surface currents  
**external** tanks  
**externally** blown flaps  
**extinction**  
interstellar **extinguishers**  
*use* fire extinguishers  
chemical **extinguishers**  
*use* fire extinguishers  
fire **extinguishers**  
**extinguishing**  
**extraction**  
feature **extraction**  
*use* pattern recognition  
geothermal energy **extraction**

ion **extraction**  
 knowledge **extraction**  
     *use* data mining  
 solvent **extraction**  
     **extragalactic** light  
         *use* extraterrestrial radiation  
     **extragalactic** media  
         *use* intergalactic media  
     **extragalactic** radio sources  
     **extrapolation**  
     **extrasensory** perception  
     **extrasolar** planet detection  
         *use* planet detection  
     **extrasolar** planets  
     **extraterrestrial** communication  
     **extraterrestrial** environments  
     **extraterrestrial** intelligence  
 Search for **Extraterrestrial** Intelligence  
     *use* Project SETI  
     **extraterrestrial** life  
     **extraterrestrial** matter  
     **extraterrestrial** oceans  
     **extraterrestrial** radiation  
     **extraterrestrial** radio waves  
     **extraterrestrial** resources  
     **extraterrestrial** roving vehicles  
         *use* roving vehicles  
     **extraterrestrial** water  
     **extravehicular** activity  
     **extravehicular** mobility units  
     **extrema**  
         *use* range (extremes)  
     **Extreme** Ultraviolet Explorer satellite  
     **extreme** ultraviolet radiation  
     **extremely** high frequencies  
     **extremely** low frequencies  
 range **(extremes)**  
     **extremum** values  
     **extroversion**  
     **extruding**  
 hot **extruding**  
     *use* extruding  
     **eye** (anatomy)  
     **eye** diseases  
     **eye** dominance  
     **eye** examinations  
 rapid **eye** movement state  
     **eye** movements  
 Saccadic **eye** movements  
     **eye** protection  
     **eyepieces**  
     **Eyring** theory

**F**

Earth Resources Technology Satellite **F**  
     *use* Landsat F  
 ERTS- **F**  
     *use* Landsat F  
 IMP- **F**  
     *use* Explorer 34 satellite  
 KEL- **F**  
 Landsat **F**  
 OGO- **F**  
     *use* OGO-6  
 OSO- **F**  
     *use* OSO-5  
 Space Shuttle mission 51- **F**  
     spread **F**  
     **F** 1 region  
     **F-1** rocket engine  
     **F-2** aircraft  
 Hunter **F-2** aircraft  
     *use* F-2 aircraft  
     **F** 2 region  
     **F-4** aircraft  
     **F-5** aircraft  
     **F-8** aircraft

**F-9** aircraft  
**F-14** aircraft  
**F-15** aircraft  
**F-16** aircraft  
**F-17** aircraft  
**F-18** aircraft  
**F-20** aircraft  
**F-22** aircraft  
**F-27** aircraft  
 Fokker **F** 27 aircraft  
     *use* F-27 aircraft  
 Fokker **F** 28 aircraft  
     *use* F-28 transport aircraft  
**F-28** helicopter  
**F-28** transport aircraft  
**F-80** aircraft  
     *use* T-33 aircraft  
**F-84** aircraft  
**F-86** aircraft  
**F-89** aircraft  
**F-94** aircraft  
**F-100** aircraft  
**F-101** aircraft  
**F-102** aircraft  
**F-104** aircraft  
**F-105** aircraft  
**F-106** aircraft  
**F-110** aircraft  
     *use* F-4 aircraft  
**F-111** aircraft  
**F-117A** aircraft  
**F** centers  
     *use* color centers  
**F** displays  
     *use* F region  
 Atlas **F** ICBM  
**F** layer  
     *use* F region  
 night **F** layer  
     *use* F region  
     night sky  
**F** region  
 NOAA **F** satellite  
     *use* NOAA 9 satellite  
 TIROS **F** satellite  
     *use* TIROS 6 satellite  
 ionospheric **F**-scatter propagation  
 Pioneer **F** space probe  
     *use* Pioneer 10 space probe  
**F** stars  
**F4H** aircraft  
     *use* F-4 aircraft  
**F8U** aircraft  
     *use* F-8 aircraft  
**F9F** aircraft  
     *use* F-9 aircraft  
**FAB** (programming language)  
     *use* FORTRAN  
**fabrication**  
 CVI **(fabrication)**  
     *use* chemical vapor infiltration  
 nanostructure **fabrication**  
     *use* nanofabrication  
**fabrics**  
 geotechnical **fabrics**  
 parachute **fabrics**  
**Fabry**-Perot interferometers  
**Fabry**-Perot lasers  
     *use* lasers  
**Fabry**-Perot spectrometers  
**face** (anatomy)  
**face** centered cubic lattices  
**facets**  
     *use* flat surfaces  
**facilities**  
 military air **facilities**  
     ranges **(facilities)**  
 research **facilities**  
 rocket test **facilities**

terminal	<b>facilities</b>	solar	<b>faculae</b>
test	<b>facilities</b>		<i>use</i> faculae
Advanced X Ray Astrophysics	<b>Facility</b>		<b>Faddeev</b> equations
	<i>use</i> X Ray Astrophysics Facility	signal	<b>fadeout</b>
Chandra X Ray Astrophysics	<b>Facility</b>		<i>use</i> signal fading
	<i>use</i> X Ray Astrophysics Facility		<b>fading</b>
Deep Space Instrumentation	<b>Facility</b>	Rayleigh	<b>fading</b>
DSIF (instrumentation)	<b>facility</b>	selective	<b>fading</b>
	<i>use</i> Deep Space Instrumentation Facility	signal	<b>fading</b>
		signal	<b>fading</b> rate
Hallam Nuclear Power	<b>Facility</b>		<b>fahrenheit</b> temperature scale
HNPF (Hallam Nuclear Power)	<b>Facility</b>		<i>use</i> temperature scales
	<i>use</i> Hallam Nuclear Power Facility		<b>fail-safe</b> systems
Long Duration Exposure	<b>Facility</b>		<b>failure</b>
mobile quarantine	<b>facility</b>	burnthrough	<b>(failure)</b>
Pinhole Occulter	<b>Facility</b>	engine	<b>failure</b>
Solar Cell Calibration	<b>Facility</b>	structural	<b>failure</b>
Space Infrared Telescope	<b>Facility</b>		<b>failure</b> analysis
Spacelab UV-Optical Telescope	<b>Facility</b>		<b>failure</b> modes
	<i>use</i> Starlab	mean time between	<b>failures</b>
Transient Reactor Test	<b>Facility</b>		<i>use</i> MTBF
TREAT (test)	<b>facility</b>	system	<b>failures</b>
	<i>use</i> Transient Reactor Test Facility		<b>faint</b> object camera
X Ray Astrophysics	<b>Facility</b>		<b>faint</b> objects
backward	<b>facing</b> steps		<b>fainting</b>
forward	<b>facing</b> steps		<i>use</i> syncope
rearward	<b>facing</b> steps		<b>Fairchild-Hiller</b> aircraft
	<i>use</i> backward facing steps		<b>Fairchild</b> military aircraft
	<b>facsimile</b> communication		<i>use</i> Fairchild-Hiller aircraft
	<b>facsimile</b> transmission		<b>Fairey</b> aircraft
	<i>use</i> facsimile communication		<b>Fairey</b> Delta 2 aircraft
age	<b>factor</b>		<i>use</i> FD 2 aircraft
amplification	<b>factor</b>		<b>fairings</b>
	<i>use</i> amplification		<b>Faith</b> 7
beta	<b>factor</b>		<b>Falcon</b> missile
damping	<b>factor</b>	free	<b>Falkner-Skan</b> equation
	<i>use</i> damping		<b>fall</b>
friction	<b>factor</b>		<b>falling</b>
Landau	<b>factor</b>		<b>falling</b> spheres
nu	<b>factor</b>		<b>fallout</b>
pH	<b>factor</b>		<b>false</b> alarms
Rhesus	<b>factor</b>	ducted	<b>fan</b> blades
sex	<b>factor</b>		<b>fan</b> engines
	<b>factor</b> analysis		<b>fan</b> in wing aircraft
power	<b>factor</b> controllers	convertible	<b>fan-shaft</b> engines
interference	<b>factor</b> table	prop-	<b>fan</b> technology
	<b>factorial</b> design		<b>fanlift</b> devices
	<b>factorials</b>		<i>use</i> lift fans
	<b>factories</b>		<b>fans</b>
	<i>use</i> industrial plants	ducted	<b>fans</b>
	<b>factorization</b>	lift	<b>fans</b>
Cholesky	<b>factorization</b>	propeller	<b>fans</b>
	<b>factors</b>	ventilation	<b>fans</b>
	<i>use</i> variable		<b>fans</b> (landforms)
economic	<b>factors</b>		<b>far</b> fields
emotional	<b>factors</b>		<b>far</b> infrared radiation
ethnic	<b>factors</b>	lunar	<b>far</b> side
form	<b>factors</b>		<b>far</b> ultraviolet radiation
load	<b>factors</b>		<b>Far</b> UV Spectroscopic Explorer
	<i>use</i> loads (forces)		<b>Faraday</b> dark space
mass flow	<b>factors</b>		<b>Faraday</b> effect
physical	<b>factors</b>		<b>Faraday</b> rotation
physiological	<b>factors</b>		<i>use</i> Faraday effect
psychological	<b>factors</b>		<b>farm</b> crops
Q	<b>factors</b>		<b>farmlands</b>
quality	<b>factors</b>	liquid metal	<b>fast</b> breeder reactors
	<i>use</i> Q factors		<b>fast</b> Fourier transformations
race	<b>factors</b>		<b>fast</b> neutrons
safety	<b>factors</b>		<b>fast</b> nuclear reactors
social	<b>factors</b>		<b>fast</b> oxide reactors
stress intensity	<b>factors</b>	gas cooled	<b>fast</b> reactors
weight	<b>factors</b>		<b>fast</b> test reactors
	<i>use</i> weight (mass)		<b>fasteners</b>
human	<b>factors</b> engineering	anchors	<b>(fasteners)</b>
human	<b>factors</b> laboratories	locks	<b>(fasteners)</b>
	<b>faculae</b>	nuts	<b>(fasteners)</b>
plages	<b>(faculae)</b>		<b>fasting</b>
	<i>use</i> faculae		<b>fat</b> embolisms
		acoustic	<b>fatigue</b>

auditory	<b>fatigue</b>	bays (topographic	<b>features</b>
bending	<b>fatigue</b>	sounds (topographic	<b>features)</b>
flight	<b>fatigue</b>		<b>feces</b>
high temperature	<b>fatigue</b>	Weber-	<b>Fechner</b> law
	<i>use</i> thermal fatigue		<b>federal</b> budgets
metal	<b>fatigue</b>		<b>Federal</b> Republic of Germany
muscular	<b>fatigue</b>		<i>use</i> West Germany
shear	<b>fatigue</b>	Russian	<b>Federation</b>
	<i>use</i> shear stress		<b>federations</b>
sonic	<b>fatigue</b>		<b>feed</b> systems
	<i>use</i> acoustic fatigue		<b>feedback</b>
strain	<b>fatigue</b>	degenerative	<b>feedback</b>
	<i>use</i> fatigue (materials)		<i>use</i> negative feedback
structural	<b>fatigue</b>	negative	<b>feedback</b>
	<i>use</i> fatigue (materials)	nonlinear	<b>feedback</b>
thermal	<b>fatigue</b>	positive	<b>feedback</b>
	<b>fatigue</b> (biology)	regenerative	<b>feedback</b>
	<b>fatigue</b> diagrams		<i>use</i> positive feedback
	<i>use</i> S-N diagrams	sensory	<b>feedback</b>
	<b>fatigue</b> life		<b>feedback</b> amplifiers
	<b>fatigue</b> (materials)		<b>feedback</b> circuits
	<b>fatigue</b> testing machines		<b>feedback</b> control
	<b>fatigue</b> tests		<b>feedback</b> frequency modulation
	<b>fats</b>	distributed	<b>feedback</b> lasers
	<b>fatty</b> acids		<b>feeders</b>
San Andreas	<b>Fault</b>		<b>feedforward</b> control
	<b>fault</b> detection	space flight	<b>feeding</b>
stacking	<b>fault</b> energy		<b>feeding</b> (supplying)
San Andreas	<b>Fault</b> experiment	antenna	<b>feeds</b>
	<b>fault</b> mechanics		<b>feelings</b>
	<i>use</i> fracture mechanics		<i>use</i> sensory feedback
	<b>fault</b> tolerance		<b>feet</b> (anatomy)
	<b>fault</b> trees		<b>feldspars</b>
	<b>faults</b>		<b>Fellowship</b> aircraft
closed	<b>faults</b>		<i>use</i> F-28 transport aircraft
	<i>use</i> geological faults		<b>felsite</b>
cross	<b>faults</b>		<b>felts</b>
	<i>use</i> geological faults		<b>females</b>
echelon	<b>faults</b>		<b>femur</b>
	<i>use</i> geological faults		<b>fences</b>
electrical	<b>faults</b>	airfoil	<b>fences</b>
geological	<b>faults</b>		<b>fences</b> (barriers)
stacking	<b>faults</b>		<b>Fermat</b> principle
	<i>use</i> crystal defects		<b>fermentation</b>
step	<b>faults</b>	Enrico	<b>Fermi</b> atomic power plant
	<i>use</i> geological faults		<b>Fermi-Dirac</b> statistics
thrust	<b>faults</b>		<b>Fermi</b> Gamma-ray Space Telescope
	<i>use</i> geological faults		<b>Fermi</b> liquids
	<b>fauna</b>	Thomas-	<b>Fermi</b> model
	<i>use</i> animals		<b>Fermi</b> surfaces
	<b>fax</b>	Thomas-	<b>Fermi</b> theory
	<i>use</i> facsimile communication		<i>use</i> Thomas-Fermi model
	<b>fayalite</b>	heavy	<b>fermion</b> superconductors
	<b>FBFM</b> (modulation)	heavy	<b>fermion</b> systems
	<i>use</i> feedback frequency modulation		<b>fermions</b>
	<b>FBL</b> control		<b>fermium</b>
	<i>use</i> fly by light control		<b>Ferranti</b> Mercury computer
	<b>FBM</b> (missiles)	Chapman-	<b>Ferraro</b> problem
	<i>use</i> fleet ballistic missiles		<b>ferrates</b>
	<b>FCC</b> lattices	barium	<b>ferrates</b>
	<i>use</i> face centered cubic lattices		<b>ferric</b> ions
	<b>FD</b> 2 aircraft		<b>ferrimagnetic</b> materials
	<b>FDL-5</b> reentry vehicle		<b>ferrimagnetism</b>
	<b>FDMA</b>		<b>ferrimagnets</b>
	<i>use</i> frequency division multiple access		<b>ferrites</b>
	<b>FDTD</b> (mathematics)		<b>ferritic</b> stainless steels
	<i>use</i> finite difference time domain method		<b>ferroalloys</b>
	<b>fear</b>		<i>use</i> iron alloys
	<b>fear</b> of flying		<b>ferrocenes</b>
	<b>feasibility</b>		<b>ferroelastic</b> materials
	<b>feasibility</b> analysis		<b>ferroelasticity</b>
technology	<b>feasibility</b> spacecraft		<b>ferroelectric</b> materials
	<b>Feather</b> River Basin (CA)		<b>ferroelectricity</b>
	<b>feathering</b>		<b>ferrofluids</b>
	<b>feature</b> extraction		<b>ferrography</b>
	<i>use</i> pattern recognition		<b>ferromagnetic</b> films
	<b>Feature</b> Identification and Location Exper		<b>ferromagnetic</b> materials
			<b>ferromagnetic</b> resonance
			<b>ferromagnetism</b>

- ferrous** metals  
**ferry** spacecraft  
**fertility**  
**fertilization**  
**fertilizers**  
**FET** (transistors)  
*use* field effect transistors  
modulation doped **fets**  
*use* MODFETS  
**fetuses**  
**fever**  
**Feynman** diagrams  
Hellmann- **Feynman** theorem  
**FFAR** rocket vehicle  
*use* Folding Fin aircraft rocket vehicle  
**Ffowcs** Williams-Hawkins equation  
**FFT**  
*use* fast Fourier transformations  
**FGM** (materials)  
*use* functionally gradient materials  
**FH-1100** helicopter  
*use* OH-5 helicopter  
**Fiat** aircraft  
**Fiat** G-91 aircraft  
*use* G-91 aircraft  
**Fiat** G-222 aircraft  
*use* G-222 aircraft  
**Fiat** G-95/4 aircraft  
*use* G-95/4 aircraft  
**fiber** bridging  
*use* crack bridging  
**fiber** composites  
aramid **fiber** composites  
**fiber** lasers  
**fiber-matrix** interfaces  
**fiber** optics  
**fiber** orientation  
**fiber** pullout  
**fiber** pushout  
carbon **fiber** reinforced plastics  
glass **fiber** reinforced plastics  
**fiber** release  
*use* fiber pullout  
**fiber** strength  
**fiber** volume fraction  
**fiberboard**  
*use* boards (paper)  
**fiberglass**  
*use* glass fibers  
**fibers**  
aramid **fibers**  
boron **fibers**  
carbon **fibers**  
ceramic **fibers**  
cotton **fibers**  
glass **fibers**  
metal **fibers**  
muscle **fibers**  
nerve **fibers**  
optical **fibers**  
plastic **fibers**  
reinforcing **fibers**  
scintillating **fibers**  
scintillation **fibers**  
*use* scintillating fibers  
synthetic **fibers**  
**fibers** (mathematics)  
**Fibonacci** numbers  
**fibrillation**  
**fibrin**  
**fibrinogen**  
**fibroblasts**  
**fibrosis**  
cystic **fibrosis**  
**fibrous** materials  
*use* fibers  
**Ficks** equation  
**fidelity**  
*use* accuracy
- fiduciaries**  
geomagnetic **field**  
*use* geomagnetism  
solar magnetic **field**  
**field** aligned currents  
crossed **field** amplifiers  
**field** army ballistic missiles  
**field** coils  
magnetic **field** configurations  
**field** effect transistors  
junction **field** effect transistors  
*use* JFET  
**field** emission  
crossed **field** guns  
Wide- **field** Infrared Survey Explorer  
magnetic **field** intensity  
*use* magnetic flux  
**field** intensity meters  
magnetic **field** inversions  
high **field** magnets  
**field** mode theory  
**field** of view  
Sea-viewing Wide **Field-of-view** Sensor  
reverse **field** pinch  
**field-programmable** gate arrays  
magnetic **field** reconnection  
**field** sails  
*use* magnetic sails  
crystal **field** splitting  
*use* crystal field theory  
**field** strength  
electric **field** strength  
**field** tests  
**field** theory (algebra)  
crystal **field** theory  
electroweak interactions **(field** theory)  
**field** theory (physics)  
strong interactions **(field** theory)  
unified **field** theory  
weak interactions **(field** theory)  
International **Field** Year for Great Lakes  
**fields**  
antenna **fields**  
*use* antenna radiation patterns  
boson **fields**  
crossed **fields**  
crystal **fields**  
*use* crystal field theory  
electric **fields**  
electromagnetic **fields**  
electrostatic **fields**  
*use* electric fields  
far **fields**  
flow **fields**  
*use* flow distribution  
force **fields**  
*use* field theory (physics)  
force-free magnetic **fields**  
galactic magnetic **fields**  
*use* interstellar magnetic fields  
gravitational **fields**  
interplanetary magnetic **fields**  
interstellar magnetic **fields**  
lunar magnetic **fields**  
magnetic **fields**  
magnetostatic **fields**  
multipolar **fields**  
near **fields**  
nonuniform magnetic **fields**  
oil **fields**  
planetary magnetic **fields**  
plowed **fields**  
*use* farmlands  
potential **fields**  
pressure **fields**  
*use* pressure distribution  
radiation **fields**  
*use* radiation distribution  
self consistent **fields**

## fields

- sound **fields**
- star **fields**  
*use* star distribution
- stellar **fields**  
*use* star distribution
- stellar magnetic **fields**
- stress **fields**  
*use* stress distribution
- temperature **fields**  
*use* temperature distribution
- tensor **fields**  
*use* tensors
- trapped magnetic **fields**
- velocity **fields**  
*use* velocity distribution
- visual **fields**
- Yang-Mills **fields**
- advanced tactical **fighter**  
*use* F-22 aircraft
- fighter** aircraft
- Freedom **Fighter** aircraft  
*use* F-5 aircraft
- fire **fighting**
- Earth **figure**  
*use* geodesy
- lunar **figure**  
**figure** of merit
- Lissajous **figures**
- filament** winding
- filament** wound construction  
*use* filament winding
- filaments**
- vortex **filaments**
- filaments** (solar physics)  
*use* solar prominences
- file** maintenance (computers)
- files**
- files** (tools)
- fluid **filled** shells
- liquid **filled** shells
- fillers**
- fillets**
- filling**
- helium **film**
- photographic **film**
- hot-**film** anemometers
- electrode **film** barriers
- film** boiling
- film** condensation
- film** cooling
- resin **film** infusion
- film** thickness
- films**
- diamond **films**
- energy absorption **films**
- ferromagnetic **films**
- fluid **films**
- Langmuir-Blodgett **films**
- magnetic **films**
- metal **films**
- monomolecular **films**
- oxide **films**
- plastic **films**  
*use* polymeric films
- polymeric **films**
- semiconducting **films**
- silicon **films**
- squeeze **films**
- superconducting **films**
- thermochromic **films**  
*use* thermochromic coatings
- thermoplastic **films**
- thick **films**
- thin **films**
- filter** wheel infrared spectrometers
- filtergrams**
- filtering**  
*use* filtration
- Kalman-Schmidt **filtering**
- spatial **filtering**
- Wiener **filtering**
- filters**
- adaptive **filters**
- air **filters**
- bandpass **filters**
- bandstop **filters**
- birefringent **filters**
- crystal **filters**
- digital **filters**
- electric **filters**
- electromagnetic wave **filters**
- electronic **filters**
- finite impulse response **filters**  
*use* FIR filters
- FIR **filters**
- fluid **filters**
- Gabor **filters**
- high pass **filters**
- IIR **filters**
- image **filters**
- infinite impulse response **filters**  
*use* IIR filters
- infrared **filters**
- Kalman **filters**
- linear **filters**
- low pass **filters**
- mass **filters**  
*use* fluid filters
- matched **filters**
- microwave **filters**
- nonlinear **filters**
- optical **filters**
- particulate **filters**  
*use* fluid filters
- radar **filters**
- radio **filters**
- recursive **filters**  
*use* IIR filters
- reduced order **filters**
- tracking **filters**
- tunable **filters**
- ultraviolet **filters**
- waveguide **filters**
- filtration**
- gel **filtration** chromatography  
*use* gel chromatography
- Folding **Fin** aircraft rocket vehicle
- finance**
- financial** management
- laser range **finders**
- optical range **finders**
- radar direction **finders**  
*use* radio direction finders
- radio direction **finders**
- range **finders**
- direction **finders** (radio)  
*use* radio direction finders
- direction **finding**
- fine** structure
- fineness**
- fineness** ratio
- finest**
- fingers**
- mechanical **fingers**  
*use* end effectors
- robot **fingers**  
*use* end effectors
- fingers** (robotics)  
*use* end effectors
- finishes**
- metal **finishing**
- surface **finishing**
- finite** difference theory
- finite** difference time domain method
- finite** element method

hybrid-Trefftz	<b>finite</b> element method <i>use</i> finite element method Trefftz method	<b>fissionable</b> materials
isoparametric	<b>finite</b> elements <b>finite</b> impulse response filters <i>use</i> FIR filters <b>finite</b> -state machines <i>use</i> Turing machines <b>finite</b> volume method <b>Finland</b> <b>finned</b> bodies <b>Finnish</b> space program <b>fins</b>	<b>fissionium</b> <b>fissures</b> (geology)
cooling	<b>fins</b>	goodness of <b>fit</b>
nose	<b>fins</b>	interference <b>fit</b>
vertical	<b>fins</b> <i>use</i> fins	<b>fitness</b>
	<b>fiords</b>	flight <b>fitness</b>
	<b>FIR</b> filters	physical <b>fitness</b>
artillery	<b>fire</b>	<b>fitting</b>
Saint Elmo	<b>fire</b>	curve <b>fitting</b>
	<b>FIRE</b> (climatology)	<b>fittings</b>
	<b>fire</b> control	<b>Fitzgerald-Lorentz</b> contraction <i>use</i> Lorentz contraction
	<b>fire</b> control circuits	<b>fix</b> <i>use</i> fixing
	<b>fire</b> damage	nitrogen <b>fixation</b> <i>use</i> nitrogenation
forest	<b>fire</b> detection	<b>fixed</b> point arithmetic
	<b>fire</b> extinguishers	<b>fixed</b> points (mathematics)
	<b>fire</b> fighting	<b>fixed</b> -wing aircraft <i>use</i> aircraft configurations fixed wings
	<b>fire</b> point	<b>fixed</b> wings
	<b>fire</b> prevention	<b>fixing</b>
	<b>fire</b> resistance <i>use</i> flammability	sound <b>fixing</b> and ranging
	<b>fire</b> retardants <i>use</i> flame retardants	Schauder <b>fixpoint</b> theorem
	<b>fireballs</b>	<b>fixtures</b>
	<b>Firebee</b> 2 target drone aircraft	<b>Fizeau</b> effect
	<b>firebreaks</b>	<b>Fizeau</b> effect
	<b>fireflies</b>	Doppler- Everglades <b>(FL)</b>
	<b>fireproofing</b>	Merritt Island <b>(FL)</b>
	<b>fires</b>	<b>Flagellata</b>
forest	<b>firewalls</b> (computers)	<b>flakes</b>
	<b>fireworks</b> <i>use</i> pyrotechnics	<b>flaking</b>
rocket	<b>firing</b>	Chapman-Jouget <b>flame</b> <i>use</i> chemical equilibrium detonation flame propagation
static	<b>firing</b>	<b>flame</b> calorimeters
test	<b>firing</b>	<b>flame</b> deflectors
	<b>firing</b> (igniting)	<b>flame</b> fronts <i>use</i> flame propagation
	<b>firing</b> time <i>use</i> burning time	<b>flame</b> holders
	<b>firmware</b>	<b>flame</b> interaction <i>use</i> chemical reactions flame propagation
	<b>first</b> aid	<b>flame</b> ionization
	<b>First</b> ISCCP Regional Experiment <i>use</i> FIRE (climatology)	<b>flame</b> plating
Ares 1	<b>first</b> stage	<b>flame</b> probes
Karl	<b>Fischer</b> reagent	<b>flame</b> propagation
	<b>Fischer</b> -Tropsch process	<b>flame</b> quenching <i>use</i> extinguishing quenching (cooling)
	<b>fish</b> <i>use</i> fishes	<b>flame</b> retardants
schools	<b>(fish)</b>	<b>flame</b> spectroscopy
	<b>Fishbowl</b> Operation	<b>flame</b> spraying
	<b>Fisher</b> information	<b>flame</b> stability
Tully-	<b>Fisher</b> relation	<b>flame</b> temperature
	<b>fisheries</b>	<b>flameout</b>
	<b>fishes</b>	<b>flames</b>
	<b>fishing</b>	diffusion <b>flames</b>
	<b>fishtailing</b> <i>use</i> yaw	jet <b>flames</b> <i>use</i> flames jet flow
	<b>fissile</b> fuels	laminar <b>flames</b> <i>use</i> flames laminar flow
	<b>fissile</b> materials <i>use</i> fissionable materials	premixed <b>flames</b>
	<b>fission</b>	turbulent <b>flames</b>
nuclear	<b>fission</b>	<b>flammability</b>
	<b>fission</b> electric cells	<b>flammable</b> gases
fusion-	<b>fission</b> hybrid reactors	<b>flange</b> wrinkling
	<b>fission</b> products	<b>flanges</b>
blankets	<b>(fission</b> reactors)	<b>flap</b> control <i>use</i> aircraft control flaps (control surfaces)
gaseous	<b>fission</b> reactors	<b>flaperons</b>
	<b>fission</b> weapons	<b>flapping</b>
		<b>flapping</b> hinges

blown	<b>flaps</b>	<b>flicker</b>	fusion frequency
	<i>use</i> externally blown flaps		<i>use</i> critical flicker fusion
externally blown	<b>flaps</b>	chironomus	<b>flies</b>
jet	<b>flaps</b>		<b>flight</b>
jet augmented wing	<b>flaps</b>	Apollo 5	<b>flight</b>
	<i>use</i> jet flaps	Apollo 6	<b>flight</b>
	wing flaps	Apollo 7	<b>flight</b>
Krueger	<b>flaps</b>	Apollo 8	<b>flight</b>
	<i>use</i> leading edge flaps	Apollo 9	<b>flight</b>
leading edge	<b>flaps</b>	Apollo 10	<b>flight</b>
split	<b>flaps</b>	Apollo 11	<b>flight</b>
trailing edge	<b>flaps</b>	Apollo 12	<b>flight</b>
upper surface blown	<b>flaps</b>	Apollo 13	<b>flight</b>
vortex	<b>flaps</b>	Apollo 14	<b>flight</b>
wing	<b>flaps</b>	Apollo 15	<b>flight</b>
	<b>flaps</b> (control surfaces)	Apollo 16	<b>flight</b>
conical	<b>flare</b>	Apollo 17	<b>flight</b>
	<i>use</i> cones	balloon	<b>flight</b>
	<b>flare</b> stars	banking	<b>flight</b>
	<b>flared</b> bodies		<i>use</i> turning flight
	<b>flares</b>	climbing	<b>flight</b>
solar	<b>flares</b>	coasting	<b>flight</b>
stellar	<b>flares</b>	cruising	<b>flight</b>
	<b>flash</b>	engine relight (in-	<b>flight</b> )
	<b>flash</b> blindness		<i>use</i> air start
	<b>flash</b> lamps	extended duration space	<b>flight</b>
	<b>flash</b> point		<i>use</i> long duration space flight
	<b>flash</b> tubes	free	<b>flight</b>
	<i>use</i> flash lamps	Gemini 3	<b>flight</b>
	<b>flash</b> welding	Gemini 4	<b>flight</b>
	<b>flashback</b>	Gemini 5	<b>flight</b>
	<b>flashing</b> (vaporizing)	Gemini 6	<b>flight</b>
	<b>flashover</b>	Gemini 7	<b>flight</b>
	<b>flasks</b>	Gemini 8	<b>flight</b>
	<b>flat</b> coaxial transmission lines	Gemini 9	<b>flight</b>
	<i>use</i> microstrip transmission lines	Gemini 10	<b>flight</b>
	<b>flat</b> conductors	Gemini 11	<b>flight</b>
	<b>flat</b> layers	Gemini 12	<b>flight</b>
	<b>flat</b> panel displays	high altitude	<b>flight</b>
	<b>flat</b> patterns		<i>use</i> flight
	<b>flat</b> plates		high altitude
	<b>flat</b> surfaces	high speed	<b>flight</b>
	<b>flatness</b>		<i>use</i> flight
adobe	<b>flats</b>		high speed
	<i>use</i> flats (landforms)	horizontal	<b>flight</b>
salt	<b>flats</b>	hypersonic	<b>flight</b>
	<i>use</i> flats (landforms)	interplanetary	<b>flight</b>
tidal	<b>flats</b>	jet	<b>flight</b>
	<b>flats</b> (landforms)		<i>use</i> jet aircraft
	<b>flattening</b>	long duration space	<b>flight</b>
	<b>flatworms</b>	lunar	<b>flight</b>
	<b>flavor</b> (particle physics)	MA-3	<b>flight</b>
	<b>flaw</b> detection		<i>use</i> Mercury MA-3 flight
	<i>use</i> nondestructive tests	MA-4	<b>flight</b>
ultrasonic	<b>flaw</b> detection		<i>use</i> Mercury MA-4 flight
	<b>flaws</b>	MA-5	<b>flight</b>
	<i>use</i> defects		<i>use</i> Mercury MA-5 flight
	<b>fleet</b> ballistic missiles	MA-8	<b>flight</b>
	<b>Fleet</b> Satellite Communication System		<i>use</i> Mercury MA-8 flight
	<b>Fleetsatcom</b>	MA-9	<b>flight</b>
	<i>use</i> Fleet Satellite Communication System		<i>use</i> Mercury MA-9 flight
	<b>flexibility</b>	manned space	<b>flight</b>
	<b>flexible</b> bodies	Mercury MA-1	<b>flight</b>
	<b>flexible</b> spacecraft	Mercury MA-2	<b>flight</b>
	<b>flexible</b> wings	Mercury MA-3	<b>flight</b>
	<b>flexing</b>	Mercury MA-4	<b>flight</b>
	<b>flexors</b>	Mercury MA-5	<b>flight</b>
	<b>Flexowriters</b> (trademark)	Mercury MA-6	<b>flight</b>
	<i>use</i> automatic typewriters	Mercury MA-7	<b>flight</b>
	<b>flexural</b> strength	Mercury MA-8	<b>flight</b>
	<b>flexure</b>	Mercury MA-9	<b>flight</b>
	<i>use</i> flexing	Mercury MR-1	<b>flight</b>
Saint Venant	<b>flexure</b> problem	Mercury MR-2	<b>flight</b>
	<i>use</i> Saint Venant principle	Mercury MR-3	<b>flight</b>
St Venant	<b>flexure</b> problem	Mercury MR-4	<b>flight</b>
	<i>use</i> Saint Venant principle	meteorological	<b>flight</b>
	<b>flicker</b>	minor circle turning	<b>flight</b>
critical	<b>flicker</b> fusion	MR-3	<b>flight</b>
			<i>use</i> Mercury MR-3 flight

parabolic **flight**  
 planetary space **flight**  
     *use* interplanetary flight  
 return to Earth space **flight**  
     rocket **flight**  
     space **flight**  
 Space Transportation System 1 **flight**  
 Space Transportation System 2 **flight**  
 Space Transportation System 3 **flight**  
 Space Transportation System 4 **flight**  
     suborbital **flight**  
     supersonic **flight**  
     transition **flight**  
     transoceanic **flight**  
     transonic **flight**  
     turning **flight**  
     vertical **flight**  
     visual **flight**  
 Space Shuttle Orbital **Flight 7**  
     *use* Space Shuttle mission 31-C  
 Space Shuttle Orbital **Flight 8**  
     *use* Space Shuttle mission 31-D  
 Space Shuttle Orbital **Flight 9**  
     *use* Space Shuttle mission 41-A  
     **flight** altitude  
     **flight** characteristics  
     **flight** clothing  
     **flight** computers  
         *use* airborne/spaceborne computers  
     **flight** conditions  
     **flight** control  
     automatic **flight** control  
     **flight** crews  
     **flight** envelopes  
     **flight** fatigue  
     space **flight** feeding  
     **flight** fitness  
     **flight** hazards  
     **flight** instruments  
     **flight** load recorders  
     **flight** management systems  
     **flight** mechanics  
     in- **flight** monitoring  
     manned space **flight** network  
     **flight** nurses  
     **flight** operations  
     **flight** optimization  
     **flight** paths  
     **flight** performance  
         *use* flight characteristics  
     **flight** plans  
     **flight** recorders  
     **flight** rules  
     instrument **flight** rules  
     visual **flight** rules  
     **flight** safety  
     **flight** simulation  
     in- **flight** simulation  
     **flight** simulators  
     time of **flight** spectrometers  
     **flight** stability tests  
     in- **flight** starting  
         *use* air start  
     **flight** stress  
     **flight** stress (biology)  
     space **flight** stress  
     **flight** surgeons  
     **flight** technical error  
         *use* pilot error  
     **flight** termination systems  
         *use* abort apparatus  
 Orbital **Flight** Test 1 (shuttle)  
     *use* Space Transportation System 1  
     flight  
 Space Shuttle Orbital **Flight** Test 1  
     *use* Space Transportation System 1  
     flight

Orbital **Flight** Test 2 (shuttle)  
     *use* Space Transportation System 2  
     flight  
 Space Shuttle Orbital **Flight** Test 2  
     *use* Space Transportation System 2  
     flight  
 Orbital **Flight** Test 3 (shuttle)  
     *use* Space Transportation System 3  
     flight  
 Space Shuttle Orbital **Flight** Test 3  
     *use* Space Transportation System 3  
     flight  
 Orbital **Flight** Test 4 (shuttle)  
     *use* Space Transportation System 4  
     flight  
 Space Shuttle Orbital **Flight** Test 4  
     *use* Space Transportation System 4  
     flight  
     free **flight** test apparatus  
     **flight** test instruments  
     reactor in **flight** test program  
         *use* RIFT (reactor in flight test)  
     RIFT (reactor in **flight** test)  
     **flight** test vehicles  
     **flight** tests  
     orbital **flight** tests (shuttle)  
         *use* Space Transportation System  
         flights  
 Space Shuttle Orbital **Flight** Tests  
     *use* Space Transportation System  
     flights  
     **flight** time  
 Space **Flight** Tracking and Data Network  
     **flight** training  
     space **flight** training  
     **flight** vehicles  
     Apollo **flights**  
     Gemini **flights**  
     Mercury **flights**  
 Space Shuttle Orbital **Flights**  
     *use* Space Transportation System  
     flights  
 Space Transportation System **flights**  
     Spacelab simulation **flights**  
         *use* Assess program  
     night **flights** (aircraft)  
     **flint**  
     **flip-flops**  
     **FLIR** detectors  
     **float** zones  
     **floating**  
     **floating** point arithmetic  
     **floats**  
     **flocculating**  
     ice **floes**  
     **flood** control  
     **flood** damage  
     **flood** plains  
     **flood** predictions  
     **floods**  
     ocean **floor** spreading  
         *use* sea floor spreading  
     sea **floor** spreading  
     **floors**  
     decks **(floors)**  
         *use* floors  
     intermontane **floors**  
         *use* valleys  
     flip- **flops**  
     **Floquet** theorem  
     **flora**  
         *use* plants (botany)  
     **Florida**  
     **flotation**  
     **flotation** systems  
         *use* floats  
     **flour**  
     **flour** (food)  
     **flow**

**flow**

- adiabatic **flow**
- air **flow**
- annular **flow**
- axial **flow**
- axisymmetric **flow**
- barotropic **flow**
- base **flow**
- Beltrami **flow**
- Blasius **flow**
- blood **flow**
- boundary layer **flow**
- Brillouin **flow**
- buoyancy-driven **flow**
- capillary **flow**
- cascade **flow**
- cavitation **flow**
- cavity **flow**
- channel **flow**
- chemically reacting **flow**  
*use reacting flow*
- choked **flow**
- coaxial **flow**
- combustible **flow**
- compressible **flow**
- conical **flow**
- continuum **flow**
- convective **flow**
- core **flow**
- corner **flow**
- Couette **flow**
- critical **flow**
- cross **flow**
- draft (gas **flow**)
- ducted **flow**
- equilibrium **flow**
- fluid **flow**
- free **flow**
- free molecular **flow**
- frozen equilibrium **flow**
- fuel **flow**
- gas **flow**
- grazing **flow**
- Hartmann **flow**
- head **flow**
- heat **flow**  
*use heat transmission*
- helical **flow**
- hydromagnetic **flow**  
*use magnetohydrodynamic flow*
- hypersonic **flow**
- hypervelocity **flow**
- incompressible **flow**
- induced fluid **flow**  
*use fluid flow*
- information **flow**
- inlet **flow**
- internal **flow**
- inviscid **flow**
- irrotational **flow**  
*use potential flow*
- isothermal **flow**
- jet **flow**
- jet mixing **flow**
- Karman-Bodewadt **flow**
- Kirchhoff-Helmholtz **flow**  
*use pipe flow*
- Knudsen **flow**
- laminar **flow**
- liquid **flow**
- low density **flow**
- magnetohydrodynamic **flow**
- mass **flow**
- meridional **flow**
- mixed **flow**  
*use multiphase flow*
- molecular **flow**
- multiphase **flow**
- nonequilibrium **flow**
- nonNewtonian **flow**
- nonuniform **flow**
- nonviscous **flow**  
*use inviscid flow*
- nozzle **flow**
- one dimensional **flow**
- one-phase **flow**  
*use single-phase flow*
- open channel **flow**
- orifice **flow**
- oscillating **flow**
- outlet **flow**
- parallel **flow**
- peripheral jet **flow**
- pipe **flow**
- plasma **flow**  
*use magnetohydrodynamic flow*
- plastic **flow**
- Poiseuille **flow**  
*use laminar flow*
- potential **flow**
- pulsating **flow**  
*use unsteady flow*
- radial **flow**
- reacting **flow**
- reattached **flow**
- recirculative fluid **flow**
- reversed **flow**
- Ringleb **flow**
- rotational **flow**  
*use fluid flow*  
vortices
- secondary **flow**
- separated **flow**
- shear **flow**
- shifting equilibrium **flow**
- single-phase **flow**
- slip **flow**
- small perturbation **flow**
- solids **flow**
- sonic **flow**  
*use transonic flow*
- stagnation **flow**
- steady **flow**
- steady state **flow**  
*use equilibrium flow*
- steam **flow**
- Stokes **flow**
- stratified **flow**
- streamline **flow**  
*use laminar flow*
- subcritical **flow**
- subsonic **flow**
- supercavitating **flow**
- supercritical **flow**
- superfluid **flow**  
*use superfluidity*
- supersonic **flow**
- supersonic jet **flow**
- three dimensional **flow**
- transition **flow**
- transonic **flow**
- Tresca **flow**
- turbulent **flow**
- two dimensional **flow**
- two phase **flow**
- uniform **flow**
- uniphase **flow**  
*use single-phase flow*
- unsteady **flow**
- viscoelastic **flow**  
*use viscoelasticity*
- viscoplastic **flow**  
*use viscoplasticity*
- viscous **flow**
- visualization of **flow**  
*use flow visualization*
- vortex **flow**  
*use vortices*
- wall **flow**

- water **flow**
- wedge **flow**
- laminar **flow** airfoils
- data **flow** analysis
- geophysical fluid **flow** cells
  - flow** chambers
  - flow** characteristics
  - flow** charts
  - flow** coefficients
- axial **flow** compressors
  - use* turbocompressors
- laminar **flow** control
  - use* boundary layer control
  - laminar boundary layer
- flow** deflection
- charge **flow** devices
- flow** direction indicators
- flow** distortion
- flow** distribution
- continuous **flow** electrophoresis
  - use* electrophoresis
- flow** equations
- mass **flow** factors
- flow** fields
  - use* flow distribution
- flow** geometry
- flow** graphs
- signal **flow** graphs
- optical **flow** (image analysis)
- supersonic **flow** inlets
  - use* supersonic inlets
- flow** measurement
- zonal **flow** (meteorology)
- wing **flow** method tests
- flow** nets
- flow** noise
- flow** patterns
  - use* flow distribution
- axial **flow** pumps
- flow** rate
  - use* flow velocity
- mass **flow** rate
- flow** regulators
- fuel **flow** regulators
- flow** resistance
- flow** separation
  - use* boundary layer separation
  - separated flow
- exhaust **flow** simulation
- flow** stability
- cold **flow** tests
- flow** theory
- mixing length **flow** theory
- axial **flow** turbines
- flow** velocity
- flow** visualization
- numerical **flow** visualization
- flowmeters**
- hot-wire **flowmeters**
- cooling **flows** (astrophysics)
- FLOX**
- Fitsatcom**
  - use* Fleet Satellite Communication System
- fluctuation**
  - use* variations
- fluctuation** theory
- flue** gases
- fluence**
- fluorics**
- flues**
- cerebrospinal **fluid**
  - fluid** amplification
    - use* fluid amplifiers
  - fluid** amplifiers
  - fluid** boundaries
  - fluid** dynamics
- cascades **(fluid dynamics)**
  - use* fluid dynamics
- computational **fluid dynamics**
- panel method **(fluid dynamics)**
- stabilizers **(fluid dynamics)**
- fluid** filled shells
- fluid** films
- fluid** filters
- fluid** flow
- geophysical **fluid** flow cells
  - induced **fluid** flow
    - use* fluid flow
- recirculative **fluid** flow
- fluid** injection
- fluid** jet amplifiers
  - use* fluid amplifiers
  - jet amplifiers
- fluid** jets
- fluid** logic
- fluid** management
- fluid** mechanics
- head **(fluid mechanics)**
- Stokes law **(fluid mechanics)**
- two **fluid** models
- fluid** power
- fluid** pressure
- fluid** rotor gyroscopes
- fluid** shifts (biology)
- fluid-solid** interactions
- cryogenic **fluid** storage
- fluid** switching elements
- fluid** transmission lines
- fluid** transpiration
  - use* transpiration
- fluidic** circuits
- fluidics**
- fluidized** bed processors
- fluids**
- anisotropic **fluids**
- binary **fluids**
- body **fluids**
- compressible **fluids**
- conducting **fluids**
- cryogenic **fluids**
- electrorheological **fluids**
- ER **fluids**
  - use* electrorheological fluids
- geophysical **fluids**
- gyroscope **fluids**
- high temperature **fluids**
- hydraulic **fluids**
- ideal **fluids**
- incompressible **fluids**
- magnetorheological **fluids**
- Maxwell **fluids**
- micropolar **fluids**
- mixing layers **(fluids)**
- Newtonian **fluids**
- nonNewtonian **fluids**
- rotating **fluids**
- stream functions **(fluids)**
- supercritical **fluids**
- transmission **fluids**
- viscous **fluids**
- weightless **fluids**
- working **fluids**
- fluorescence**
- laser induced **fluorescence**
- LIF **(fluorescence)**
  - use* laser induced fluorescence
- resonance **fluorescence**
- x ray **fluorescence**
- fluorescent** emission
  - use* fluorescence
- ozone **fluoride**
- polyvinyl **fluoride**
- deuterium **fluoride** lasers
  - use* DF lasers
- hydrogen **fluoride** lasers
  - use* HF lasers
- krypton **fluoride** lasers

- xenon **fluoride** lasers
- yttrium lithium **fluoride** lasers
  - use* YLF lasers
- fluorides**
- aluminum **fluorides**
- antimony **fluorides**
- barium **fluorides**
- beryllium **fluorides**
- boron **fluorides**
- cadmium **fluorides**
- calcium **fluorides**
- cesium **fluorides**
- chlorine **fluorides**
- chromium **fluorides**
- cobalt **fluorides**
- copper **fluorides**
- deuterium **fluorides**
- hydrogen **fluorides**
  - use* hydrofluoric acid
- lanthanum **fluorides**
- lithium **fluorides**
- magnesium **fluorides**
- metal **fluorides**
- nickel **fluorides**
- nitrogen **fluorides**
- nitryl **fluorides**
- oxygen **fluorides**
- perchloryl **fluorides**
- plutonium **fluorides**
- protactinium **fluorides**
- sodium **fluorides**
- strontium **fluorides**
- sulfur **fluorides**
- technetium **fluorides**
- thorium **fluorides**
- tungsten **fluorides**
- uranium **fluorides**
- zinc **fluorides**
- zirconium **fluorides**
- fluorination**
- fluorine**
- liquid **fluorine**
- fluorine** compounds
- organic **fluorine** compounds
  - use* fluorine organic compounds
- fluorine** isotopes
- fluorine-liquid** oxygen
  - use* FLOX
- fluorine** organic compounds
- fluorite**
- fluoro** compounds
- fluoroamines**
- fluorocarbons**
- fluorohydrocarbons**
- fluoromica**
  - use* fluorosilicates
  - mica
- fluorophlogopite**
- fluoroplastics**
  - use* fluoropolymers
- fluoropolymers**
- fluoroscopy**
- fluorosilicates**
- fluorspar**
- flushing**
- fluting**
  - use* grooving
- flutter**
- aeromagneto **flutter**
  - use* flutter
- panel **flutter**
- subsonic **flutter**
- supersonic **flutter**
- transonic **flutter**
- flutter** analysis
- flux**
- electron **flux**
  - use* electrons
  - flux (rate)
- heat **flux**
- magnetic **flux**
- neutron **flux**
  - use* flux (rate)
- particle **flux**
  - use* flux (rate)
- poloidal **flux**
- solar **flux**
  - high **flux** beam reactors
  - flux** density
- electron **flux** density
- luminous **flux** density
  - use* luminous intensity
- neutron **flux** density
- particle **flux** density
- proton **flux** density
- radiant **flux** density
- solar **flux** density
  - flux** difference splitting
- Roe **flux** difference splitting scheme
  - use* flux difference splitting
- high **flux** isotope reactors
- flux** mapping
  - use* flux density
  - mapping
- plasma **flux** measurement
- flux** pinning
- flux** pumps
- flux** quantization
- flux** (rate)
- flux** (rate per unit area)
  - use* flux density
- flux** transfer events
- flux** vector splitting
- fluxes**
- fluxmeters**
  - use* magnetic measurement
  - measuring instruments
- fly** ash
- fly** by light control
- fly** by tube control
- fly** by wire control
- Venus **fly** trap rocket vehicle
- Mariner Jupiter-Saturn **flyby**
- Mariner Jupiter-Uranus **flyby**
- Comet Rendezvous Asteroid **Flyby** Mission
- flyby** missions
- man tended free **flyers**
- flying**
  - use* flight
- fear of **flying**
- formation **flying**
- stunt **flying**
  - use* aerobatics
- Flying** Bedstead aircraft
  - use* flying platforms
- Flying** Crane helicopter
  - use* H-17 helicopter
- flying** ejection seats
- flying** in formation
  - use* formation flying
- unidentified **flying** objects
- flying** personnel
- flying** platform stability
  - use* aerodynamic stability
  - flying platforms
- flying** platforms
- flying** qualities
  - use* flight characteristics
- flying** spot scanners
- lunar **flying** vehicles
- flying** wing aircraft
  - use* tailless aircraft
- flying** wing configurations
  - use* blended-wing-body
  - configurations
- flywheels**
- FM** (modulation)
  - use* frequency modulation

	FM /PM (modulation)	magnetic	<b>force</b> microscopy
polyurethane	<b>foam</b>	cable	<b>force</b> recorders
	<b>foaming</b>		<b>force</b> vector recorders
	<b>foams</b>		<b>forced</b> convection
metal	<b>foams</b>		<b>forced</b> oscillation
	<b>focal</b> plane arrays		<i>use</i> forced vibration
	<i>use</i> focal plane devices		<b>forced</b> vibration
	<b>focal</b> plane devices		<b>forced</b> vibratory motion equations
	<b>foci</b>		<i>use</i> equations
Hartree-	<b>Fock</b> approximation		forced vibration
	<i>use</i> Hartree approximation	aerodynamic	<b>forces</b>
Hartree-	<b>Fock-Slater</b> method	armed	<b>forces</b>
plasma	<b>focus</b>	electromotive	<b>forces</b>
	<b>focusing</b>	hypersonic	<b>forces</b>
self	<b>focusing</b>	inertial	<b>forces</b>
identify friend or	<b>foe</b>		<i>use</i> inertia
	<i>use</i> IFF systems (identification)	interatomic	<b>forces</b>
	<b>foetuses</b>	intermolecular	<b>forces</b>
	<i>use</i> fetuses	lift	<b>forces</b>
	<b>fog</b>		<i>use</i> lift
	<b>fog</b> dispersal	load distribution	<b>(forces)</b>
	<b>foil</b> bearings	loading	<b>forces</b>
	<b>foils</b>		<i>use</i> loads (forces)
metal	<b>foils</b>	loads	<b>(forces)</b>
	<b>foils</b> (materials)	nonconservative	<b>forces</b>
	<b>Fokker</b> aircraft	ponderomotive	<b>forces</b>
	<b>Fokker</b> bond testers	Van der Waals	<b>forces</b>
	<i>use</i> adhesion tests	armed	<b>forces</b> (foreign)
	<b>Fokker</b> F 27 aircraft	armed	<b>forces</b> (United States)
	<i>use</i> F-27 aircraft	radiative	<b>forcing</b>
	<b>Fokker</b> F 28 aircraft	West	<b>Ford</b> project
	<i>use</i> F-28 transport aircraft		<b>forearm</b>
	<b>Fokker</b> Friendship aircraft		<b>forebodies</b>
	<i>use</i> F-27 aircraft	noses	<b>(forebodies)</b>
	<b>Fokker-Planck</b> equation		<b>forecasting</b>
	<b>folding</b>	Delphi method	<b>(forecasting)</b>
	<b>Folding</b> Fin aircraft rocket vehicle	long range weather	<b>forecasting</b>
	<b>folding</b> structures	numerical weather	<b>forecasting</b>
	<b>folds</b> (geology)	pattern method	<b>(forecasting)</b>
	<b>foliage</b>	probe method	<b>(forecasting)</b>
	<b>folic</b> acid	profile method	<b>(forecasting)</b>
Landsat	<b>follow-on</b> missions	statistical weather	<b>forecasting</b>
terrain	<b>following</b>	technological	<b>forecasting</b>
	<b>food</b>	weather	<b>forecasting</b>
dehydrated	<b>food</b>		<b>forecasts</b>
flour	<b>(food)</b>		<i>use</i> forecasting
grains	<b>(food)</b>		<b>forehead</b>
synthetic	<b>food</b>	armed forces	<b>(foreign)</b>
	<b>food</b> chain		<b>foreign</b> bodies
	<b>food</b> intake		<b>foreign</b> policy
	<b>food</b> processing		<b>foreign</b> trade
	<b>food</b> production (in space)		<i>use</i> international trade
frozen	<b>foods</b>		<b>forensic</b> sciences
	<b>footprints</b>		<i>use</i> law (jurisprudence)
boots	<b>(footwear)</b>		<b>forest</b> fire detection
	<b>forbidden</b> bands		<b>forest</b> fires
	<b>forbidden</b> transitions		<b>forest</b> management
	<b>Forbush</b> decreases		<b>forests</b>
	<b>Forbush</b> effect	rain	<b>forests</b>
	<i>use</i> Forbush decreases		<b>forging</b>
	<b>force</b>	metal	<b>forging</b>
centrifugal	<b>force</b>		<i>use</i> forging
centripetal	<b>force</b>	spin	<b>forging</b>
G	<b>force</b>		<i>use</i> metal spinning
	<i>use</i> acceleration (physics)	tuning	<b>fork</b> gyroscopes
lines of	<b>force</b>		<b>forks</b>
Lorentz	<b>force</b>		<b>form</b>
Lorentz	<b>force</b> accelerator thrusters		<i>use</i> shapes
	<i>use</i> magnetoplasmadynamic thrusters	Jordan	<b>form</b>
drag	<b>force</b> anemometers		<b>form</b> factors
zero	<b>force</b> curves		<b>form</b> perception
	<b>force</b> distribution		<i>use</i> space perception
normal	<b>force</b> distribution		<b>formaldehyde</b>
	<i>use</i> force distribution	phenol	<b>formaldehyde</b>
	<b>force</b> fields		<b>formalism</b>
	<i>use</i> field theory (physics)		<b>format</b>
	<b>force-free</b> magnetic fields		<b>formates</b>
atomic	<b>force</b> microscopy		<b>formation</b>

- bone **formation**  
*use* osteogenesis
- crack **formation**  
*use* crack initiation
- energy of **formation**
- flying in **formation**  
*use* formation flying
- galaxy **formation**  
*use* galactic evolution
- grain **formation**
- heat of **formation**
- ice **formation**
- star **formation**  
**formation** flying  
**formation** heat  
*use* heat of formation
- star **formation** rate  
**formations**  
**formhydroxamic acid**  
**formic acid**  
**formica**
- beam **forming**  
*use* beamforming
- cold **forming**  
*use* cold working
- electrohydraulic **forming**
- explosive **forming**
- hot **forming**  
*use* hot working
- magnetic **forming**
- metal **forming**  
*use* forming techniques  
metal working
- pressing **(forming)**
- roll **forming**
- stretch **forming**
- superplastic **forming**
- brakes **(forming** or bending)  
**forming** techniques
- canonical **forms**
- domes (structural **forms**)
- shells (structural **forms**)  
**forms** (paper)
- Bethe-Heitler **formula**
- Cauchy integral **formula**
- Kramers-Kronig **formula**
- Langevin **formula**
- Moliere **formula**  
*use* cosmic ray showers  
secondary cosmic rays  
spatial distribution
- formulas**
- recursion **formulas**  
*use* recursive functions
- formulas** (mathematics)
- formulations**
- formyl ions**
- forsterite**
- Forth** (programming language)
- Fortisan** (trademark)
- FORTTRAN**
- forward** facing steps
- forward** looking infrared detectors  
*use* FLIR detectors
- forward** scattering
- swept **forward** wings
- fossil** fuels
- fossil** meteorite craters  
*use* fossils  
meteorite craters
- fossils**
- Foster** theory
- fouling**
- foundations**
- bases **(foundations)**  
*use* foundations
- pile **foundations**
- structural **foundations**  
*use* foundations
- foundries**
- four** body problem
- twenty-**four** hour orbits
- four-wave** mixing
- Fourier** analysis
- Fourier-Bessel** transformations
- Fourier** law
- Fourier** series
- Fourier** transformation
- fast **Fourier** transformations
- fovea**
- FR-1** satellite
- fractals**
- fiber volume **fraction**
- volume **fraction**  
*use* concentration (composition)
- fractionation**
- chemical **fractionation**
- fractions**
- fractography**
- fracture** mechanics
- fracture** resistance  
*use* fracture strength
- fracture** strength
- fracture** toughness  
*use* fracture strength
- crustal **fractures**  
**fractures** (materials)
- fracturing**
- cracking **(fracturing)**
- fragmentation**
- satellite **fragmentation**  
*use* spacecraft breakup
- fragments**
- frame** photography
- frames**
- racks **(frames)**  
**frames** (data processing)
- framing** cameras
- France**
- Rhone Delta **(France)**
- San **Francisco** Bay (CA)
- San **Francisco** (CA)
- francium**
- Franck-Condon** principle
- Fraunhofer** line discriminators
- Fraunhofer** lines
- Fraunhofer** region  
*use* far fields
- Fredholm** equations
- Fredholm** operators  
*use* Fredholm equations  
operators (mathematics)
- free** atmosphere
- free** boundaries
- free** convection
- free** electron lasers
- free** electrons
- free** energy
- Gibbs **free** energy
- free** fall
- free** flight
- free** flight test apparatus
- free** flow
- man tended **free** flyers
- free** jets
- context **free** languages
- force-**free** magnetic fields
- free** molecular flow
- free** oscillations  
*use* free vibration
- mean **free** path
- free-piston** engines
- free** radicals
- free-space** optical communication
- free-space** optical interconnects
- free** stream effects  
*use* free flow

- free** streams
  - use* free flow
- free** vibration
- free** wing aircraft
- degrees of **freedom**
- Space Station **Freedom**
  - Freedom** Fighter aircraft
    - use* F-5 aircraft
  - Freedom** Space Station
    - use* Space Station Freedom
- freeze** drying
- freezing**
- vibrational **freezing**
  - freezing** points
    - use* melting points
- freight**
  - use* cargo
- air **freight**
  - use* air cargo
- freight** costs
- freighters**
- French** Equatorial Congo
  - use* Congo (Brazzaville)
- French** Guiana
- SPOT (**French** satellite)
- French** satellites
- French** space program
- Frenkel** defects
- freon**
- frequencies**
- acoustic **frequencies**
- audio **frequencies**
- beat **frequencies**
- carrier **frequencies**
- critical **frequencies**
- extremely high **frequencies**
- extremely low **frequencies**
- high **frequencies**
- infrasonic **frequencies**
- intermediate **frequencies**
- ionization **frequencies**
- low **frequencies**
- microwave **frequencies**
- natural **frequencies**
  - use* resonant frequencies
- Nyquist **frequencies**
- plasma **frequencies**
- radio **frequencies**
- resonant **frequencies**
- sound **frequencies**
  - use* acoustic frequencies
- subaudible **frequencies**
- superhigh **frequencies**
- ultrahigh **frequencies**
- ultralow **frequencies**
  - use* extremely low frequencies
- very high **frequencies**
- very low **frequencies**
- vibrational **frequencies** (molecular)
  - use* vibrational spectra
- vibrational **frequencies** (structural)
  - use* resonant frequencies
- Brunt-Vaisala **frequency**
- cyclotron **frequency**
- flicker fusion **frequency**
  - use* critical flicker fusion
- maximum usable **frequency**
- sweep **frequency**
- intermediate **frequency** amplifiers
- frequency** analyzers
- frequency** assignment
- frequency** bands
  - use* frequencies
- frequency** compression demodulators
- frequency** control
- automatic **frequency** control
  - frequency** conversion
    - use* frequency converters
  - frequency** converters
- parametric **frequency** converters
- radio **frequency** discharge
- frequency** discriminators
- frequency** distribution
- frequency** dividers
- frequency** division multiple access
- frequency** division multiplexing
- frequency** domain analysis
- radio **frequency** heating
- frequency** hopping
- radio **frequency** impedance probes
- radio **frequency** interference
- radio **frequency** ion thruster engines
  - use* RIT engines
- frequency** measurement
- frequency** modulation
- feedback **frequency** modulation
  - frequency** modulation photomultipliers
- pulse **frequency** modulation
- pulse **frequency** modulation telemetry
- frequency** multipliers
- radio **frequency** noise
  - use* electromagnetic noise
- frequency** pulling
- dual **frequency** radar
  - use* multispectral radar
- multiple **frequency** radar
  - use* multispectral radar
- radio **frequency** radiation
  - use* radio waves
- very high **frequency** radio equipment
- frequency** ranges
- frequency** regulation
  - use* frequency control
- frequency** response
- frequency** reuse
- frequency** scanning
- radio **frequency** shielding
- frequency** shift
- frequency** shift keying
- frequency** stability
- pulling (**frequency** stability)
  - use* frequency pulling
- frequency** standards
- frequency** synchronization
- frequency** synthesizers
- low **frequency** transionospheric satellites
- frequency** translation
  - use* frequency converters
- fresh** water
- Fresnel** diffraction
- Fresnel** integrals
- Fresnel-Kirchhoff** integrals
  - use* Fresnel integrals
- Fresnel** lenses
- Fresnel** reflectors
- Fresnel** region
- fretting**
- fretting** corrosion
- friction**
- coefficient of **friction**
- dry **friction**
- internal **friction**
- kinetic **friction**
- skin **friction**
- sliding **friction**
- static **friction**
  - friction** coefficient
    - use* coefficient of friction
  - friction** drag
  - friction** factor
  - friction** loss coefficient
    - use* friction factor
  - friction** measurement
  - friction** pressure drop
    - use* skin friction
  - friction** reduction
  - friction** stir welding
  - friction** welding

- frictionless** environments  
**Friedel-Craft** reaction  
 identify **friend** or foe  
     *use* IFF systems (identification)  
     **Friendship** 7  
 Fokker **Friendship** aircraft  
     *use* F-27 aircraft  
     **fringe** multiplication  
     **fringe** patterns  
         *use* diffraction patterns  
 Moire **fringes**  
     **frit**  
 Orbiting **Frog** Otolith  
     **frogs**  
 space observations **(from** Earth)  
 Earth observations **(from** space)  
     wave **front** deformation  
     wave **front** reconstruction  
     **frontal** areas (meteorology)  
         *use* fronts (meteorology)  
     **frontal** waves  
     **fronts**  
         cold **fronts**  
         flame **fronts**  
             *use* flame propagation  
         shock **fronts**  
         warm **fronts**  
         wave **fronts**  
 weather **fronts**  
     *use* fronts (meteorology)  
     **fronts** (meteorology)  
     **frost**  
     **frost** damage  
     **frostbite**  
     **Froude** number  
     **frozen** equilibrium flow  
     **frozen** foods  
     **frozen** soils  
         *use* permafrost  
     **fruits**  
     nuts **(fruits)**  
     **frustration**  
     **frustums**  
     **FSOI** (integrated optics)  
         *use* free-space optical interconnects  
     **FSW** (welding)  
         *use* friction stir welding  
 bunkers **(fuel)**  
 gasohol **(fuel)**  
 JP-4 jet **fuel**  
 JP-5 jet **fuel**  
 JP-6 jet **fuel**  
 JP-7 jet **fuel**  
 JP-8 jet **fuel**  
     **fuel-air** ratio  
 nuclear **fuel** burnup  
     **fuel** capsules  
     **fuel** cell catalysts  
         *use* electrocatalysts  
     **fuel** cell power plants  
     **fuel** cells  
     biochemical **fuel** cells  
     hydrogen air **fuel** cells  
         *use* hydrogen oxygen fuel cells  
     hydrogen oxygen **fuel** cells  
     molten carbonate **fuel** cells  
     phosphoric acid **fuel** cells  
     regenerative **fuel** cells  
     solid oxide **fuel** cells  
     **fuel** combustion  
     **fuel** conservation  
         *use* fuel consumption  
     **fuel** consumption  
     **fuel** contamination  
     **fuel** control  
     organic wastes **(fuel** conversion)  
     **fuel** corrosion  
     nuclear **fuel** elements  
     **fuel** elements (nuclear reactors)  
         *use* nuclear fuel elements  
     **fuel** flow  
     **fuel** flow regulators  
     **fuel** gages  
     capacitive **fuel** gages  
     **fuel** injection  
     **fuel** oils  
     **fuel** production  
     hydrocarbon **fuel** production  
     **fuel** pumps  
     nuclear **fuel** reprocessing  
     high velocity oxy- **fuel** spraying  
         *use* HVOF thermal spraying  
     **fuel** sprays  
     **fuel** systems  
     aircraft **fuel** systems  
     chokes **(fuel** systems)  
     **fuel** tank pressurization  
     **fuel** tanks  
     **fuel** tests  
     high velocity oxygen **fuel** thermal spraying  
         *use* HVOF thermal spraying  
     **fuel** valves  
     **fueling**  
         *use* refueling  
     **fuels**  
         aircraft **fuels**  
         antimisting **fuels**  
         automobile **fuels**  
         ceramic nuclear **fuels**  
         chemical **fuels**  
         clean **fuels**  
         diesel **fuels**  
         endothermic **fuels**  
         fissile **fuels**  
         fossil **fuels**  
         gaseous **fuels**  
         HEF (high energy **fuels**)  
             *use* high energy fuels  
         high energy **fuels**  
         hydrocarbon **fuels**  
         hydrogen **fuels**  
         jet **fuels**  
             *use* jet engine fuels  
         jet engine **fuels**  
         liquid **fuels**  
         metal **fuels**  
         nuclear **fuels**  
         reactor **fuels**  
             *use* nuclear fuels  
         spent **fuels**  
         synthetic **fuels**  
         **Fujita** method  
         **full** scale tests  
         **fullerenes**  
         tubular **fullerenes**  
             *use* carbon nanotubes  
         **fullerides**  
         **fulminates**  
         **fumes**  
         **fumigation**  
         Abel **function**  
         Airy **function**  
         delta **function**  
         gamma **function**  
         Gauss **function**  
             *use* Gauss equation  
         heart **function**  
         Lagrangian **function**  
         Mathieu **function**  
         Maxwell-Boltzmann density **function**  
         modulation transfer **function**  
         muscular **function**  
         optical transfer **function**  
         penalty **function**  
         renal **function**  
         Walsh **function**  
         **function** generators

- function** space  
**functional** analysis  
**functional** design specifications  
**functional** integration  
density **functional** theory  
**functionally** gradient materials  
**functionals**  
**functions**  
analytic **functions**  
aperiodic **functions**  
Bessel **functions**  
Boolean **functions**  
characteristic **functions**  
*use* eigenvalues  
eigenvectors  
composite **functions**  
contralateral **functions**  
correlation **functions**  
*use* correlation  
discrete **functions**  
discriminant **functions**  
*use* discriminant analysis (statistics)  
distribution **functions**  
disturbing **functions**  
elliptic **functions**  
entire **functions**  
error **functions**  
exponential **functions**  
Green's **functions**  
Hamiltonian **functions**  
Hankel **functions**  
harmonic **functions**  
hyperbolic **functions**  
hypergeometric **functions**  
integral **functions**  
*use* entire functions  
kernel **functions**  
Laguerre **functions**  
Lame **functions**  
Legendre **functions**  
Liapunov **functions**  
loop transfer **functions**  
Lyapunov **functions**  
*use* Liapunov functions  
membership **functions**  
meromorphic **functions**  
monotone **functions**  
normal density **functions**  
orthogonal **functions**  
orthonormal **functions**  
parenteral **functions**  
periodic **functions**  
point spread **functions**  
Poisson density **functions**  
probability density **functions**  
probability distribution **functions**  
pulmonary **functions**  
ramp **functions**  
rational **functions**  
recursive **functions**  
scattering **functions**  
shape **functions**  
space-time **functions**  
spline **functions**  
step **functions**  
stress **functions**  
time **functions**  
transcendental **functions**  
transfer **functions**  
trigonometric **functions**  
wave **functions**  
Weibull density **functions**  
Weierstrass **functions**  
weighting **functions**  
Whittaker **functions**  
work **functions**  
stream **functions** (fluids)  
**functions** (mathematics)  
**fungi** diseases  
**fungi**  
rust **fungi**  
**fungicides**  
**funnels**  
**uran** resins  
**furans**  
**furfuryl** alcohol  
**furlable** antennas  
**furnaces**  
electric **furnaces**  
image **furnaces**  
solar **furnaces**  
vacuum **furnaces**  
**FUSE** (satellite)  
*use* Far UV Spectroscopic Explorer  
blended-wing- **fuselage**  
**fuselage** mounting  
*use* aircraft production  
wing- **fuselage** stores  
**fuselage-wing** stores  
*use* wing-fuselage stores  
**fuselages**  
**fuses**  
electric **fuses**  
**fuses** (ordnance)  
**fusibility**  
**fusiform** shapes  
*use* cones  
**fusion**  
controlled **fusion**  
critical flicker **fusion**  
data **fusion**  
*use* multisensor fusion  
heat of **fusion**  
impact **fusion**  
inertial confinement **fusion**  
laser **fusion**  
latent heat of **fusion**  
*use* heat of fusion  
mirror **fusion**  
multisensor **fusion**  
nuclear **fusion**  
sensor **fusion**  
*use* multisensor fusion  
**fusion-fission** hybrid reactors  
flicker **fusion** frequency  
*use* critical flicker fusion  
**fusion** heat  
*use* heat of fusion  
**fusion** (melting)  
**fusion** propulsion  
inertial **fusion** (reactor)  
**fusion** reactors  
blankets (**fusion** reactors)  
divertors (**fusion** reactors)  
limiters (**fusion** reactors)  
**fusion** weapons  
**fusion** welding  
**fuzzy** sets  
**fuzzy** systems  
FV-12A aircraft  
FW-H equation  
*use* Ffowcs Williams-Hawkings  
equation
- ## G
- IMP- **G**  
*use* Explorer 41 satellite  
OSO- **G**  
*use* OSO-6  
Space Shuttle mission 41- **G**  
Space Shuttle mission 51- **G**  
vitamin **G**  
*use* riboflavin  
**G-1** aircraft  
Navion **G-1** aircraft  
*use* G-1 aircraft

- G-91** aircraft  
 Fiat **G-91** aircraft  
     *use* G-91 aircraft  
**G-222** aircraft  
 Fiat **G-222** aircraft  
     *use* G-222 aircraft  
**G-95/4** aircraft  
 Fiat **G-95/4** aircraft  
     *use* G-95/4 aircraft  
 zero- **g** ACPL (Spacelab)  
     *use* Atmospheric Cloud Physics Lab (Spacelab)  
**G** force  
     *use* acceleration (physics)  
 NOAA **G** satellite  
     *use* NOAA 10 satellite  
 TIROS **G** satellite  
     *use* TIROS 7 satellite  
 Pioneer **G** space probe  
     *use* Pioneer 11 space probe  
**G** stars  
 Atlanta **(GA)**  
**GA-5** aircraft  
 Gloster **GA-5** aircraft  
     *use* GA-5 aircraft  
 Sand Hills Region **(GA-NC-SC)**  
**gabbro**  
**Gabon**  
**Gabor** filters  
**Gabor** transformation  
**gadolinium**  
**gadolinium** alloys  
**gadolinium**-gallium garnet  
**gadolinium** isotopes  
 strain **gage** accelerometers  
 strain **gage** balances  
**gages**  
     *use* measuring instruments  
 Bayard-Alpert ionization **gages**  
 bombs (pressure) **gages**  
     *use* pressure gages  
 capacitive fuel **gages**  
 fuel **gages**  
 ion **gages**  
     *use* ionization gages  
 ionization **gages**  
 Knudsen **gages**  
 Mcleod **gages**  
 Penning **gages**  
 Philips ionization **gages**  
 piezoelectric **gages**  
 Pirani **gages**  
 pressure **gages**  
 rain **gages**  
 sputtering **gages**  
 strain **gages**  
 thermal conductivity **gages**  
 vacuum **gages**  
**Gaia** hypothesis  
 antenna **gain**  
     heat **gain**  
         *use* heating  
     high **gain**  
     power **gain**  
         **gain** (amplification)  
         *use* amplification  
 automatic **gain** control  
**gait**  
**galactic** bulge  
 Virgo **galactic** cluster  
**galactic** clusters  
**galactic** cosmic rays  
**galactic** evolution  
**galactic** halos  
**galactic** magnetic fields  
     *use* interstellar magnetic fields  
**galactic** mass  
**galactic** nuclei  
 active **galactic** nuclei  
**galactic** radiation  
**Galactic** Radiation Exp Background sats  
     *use* GREB satellites  
**galactic** radio waves  
**galactic** rotation  
**galactic** structure  
**galactic** winds  
**galactose**  
**Galatea**  
**galaxies**  
     active **galaxies**  
     barred **galaxies**  
     central bulge **(galaxies)**  
         *use* galactic bulge  
     compact **galaxies**  
     disk **galaxies**  
     dwarf **galaxies**  
     elliptical **galaxies**  
     interacting **galaxies**  
     irregular **galaxies**  
     Maffei **galaxies**  
     Markarian **galaxies**  
     nuclear bulge **(galaxies)**  
         *use* galactic bulge  
     peculiar **galaxies**  
     primordial **galaxies**  
         *use* protogalaxies  
     radio **galaxies**  
     ring **galaxies**  
     Seyfert **galaxies**  
     shell **galaxies**  
     spiral **galaxies**  
     starburst **galaxies**  
 Andromeda **Galaxy**  
 Milky Way **Galaxy**  
**Galaxy** aircraft  
     *use* C-5 aircraft  
**galaxy** formation  
     *use* galactic evolution  
**galaxy** groups  
     *use* galactic clusters  
**galaxy** interaction  
     *use* interacting galaxies  
**Galerkin** method  
**Galilean** satellites  
**Galileo** mission  
     *use* Galileo project  
**Galileo** probe  
**Galileo** project  
**Galileo** spacecraft  
**gall**  
**gallamine** triiodide  
**gallates**  
     sodium **gallates**  
 whispering **gallery** modes  
**gallium**  
**gallium** alloys  
**gallium** antimonides  
**gallium** arsenide lasers  
 aluminum **gallium** arsenide lasers  
**gallium** arsenides  
 aluminum **gallium** arsenides  
 indium **gallium** arsenides  
**gallium** compounds  
 gadolinium- **gallium** garnet  
**gallium** isotopes  
**gallium** nitrides  
**gallium** oxides  
**gallium** phosphides  
**gallium** selenides  
**galvanic** cells  
     *use* electrolytic cells  
**galvanic** skin response  
**galvanizing**  
     *use* zinc coatings  
**galvanomagnetic** effects  
**galvanomagnetism**  
     *use* galvanomagnetic effects  
**galvanometers**

- Gambia**
- game** theory
- saddle points **(game theory)**
- games**
- differential **games**
- pursuit-evasion **games**
- war **games**
- zero sum **games**
- gametocytes**
- gamma** function
- gamma** globulin
- H **gamma** line
- gamma** radiation
- use* gamma rays
- gamma** ray absorptiometry
- gamma** ray absorption
- gamma** ray astronomy
- Gamma** Ray Astronomy Explorer
- use* Explorer 11 satellite
- gamma** ray beams
- gamma** ray bursts
- cosmic **gamma** ray bursts
- use* gamma ray bursts
- Gamma-ray** Large Area Space Telescope
- use* Fermi Gamma-ray Space Telescope
- gamma** ray lasers
- Gamma** Ray Observatory
- Compton **Gamma** Ray Observatory
- use* Gamma Ray Observatory
- gamma** ray sources (astronomy)
- Fermi **Gamma-ray** Space Telescope
- gamma** ray spectra
- gamma** ray spectrometers
- gamma** ray telescopes
- gamma** rays
- soft **gamma** repeaters
- ganglia**
- gantries**
- use* gantry cranes
- gantry** cranes
- Ganymede**
- miscibility **gap**
- GAP** (propellants)
- use* glycidyl azide polymer
- gaps**
- spark **gaps**
- gaps** (geology)
- energy **gaps** (solid state)
- garbage**
- garments**
- gadolinium-gallium **garnet**
- GGG **(garnet)**
- use* gadolinium-gallium garnet
- YAG **(garnet)**
- use* yttrium-aluminum garnet
- YIG **(garnet)**
- use* yttrium-iron garnet
- yttrium-aluminum **garnet**
- yttrium-iron **garnet**
- garnets**
- GARP**
- use* Global Atmospheric Research Program
- GARP** Atlantic Tropical Experiment
- cold **gas**
- compressed **gas**
- electron **gas**
- gray **gas**
- ideal **gas**
- interplanetary **gas**
- interstellar **gas**
- Lennard-Jones **gas**
- liquefied natural **gas**
- Lorentz **gas**
- natural **gas**
- nongray **gas**
- perfect **gas**
- use* ideal gas
- residual **gas**
- synthesis **gas**
- gas** analysis
- gas** atomization
- gas** bags
- gas** bearings
- gas** chromatography
- gas** composition
- rare **gas** compounds
- gas** cooled fast reactors
- gas** cooled reactors
- experimental **gas** cooled reactors
- high temperature **gas** cooled reactors
- gas** cooling
- gas** density
- gas** detectors
- gas** diffusion
- use* gaseous diffusion
- gas** discharge counters
- use* counters
- use* gas discharge tubes
- gas** discharge tubes
- gas** discharges
- gas** dissociation
- gas** dynamics
- rarefied **gas** dynamics
- gas** evacuating
- use* evacuating (vacuum)
- gas** evolution
- gas** exchange
- gas** expansion
- Stratospheric Aerosol & **Gas** Experiment
- use* SAGE satellite
- natural **gas** exploration
- gas** explosions
- gas** flow
- draft **(gas flow)**
- gas** generator engines
- use* engines
- use* gas generators
- gas** generators
- gas** giant planets
- gas** guns
- light **gas** guns
- rare **gas-halide** lasers
- gas** heating
- gas** injection
- gas- **gas** interactions
- ion- **gas** interactions
- use* gas-ion interactions
- gas-ion** interactions
- gas** ionization
- gas** jets
- gas** lasers
- gas** liquefaction
- use* condensing
- gas-liquid** interactions
- gas** lubricants
- gas** lubricated bearings
- use* gas bearings
- gas** masers
- gas-metal** interactions
- gas** meters
- gas** mixtures
- detonable **gas** mixtures
- liquid- **gas** mixtures
- Lighthill **gas** model
- gas** path analysis
- gas** phases
- use* vapor phases
- gas** pipes
- gas** pockets
- gas** pressure
- gas** reactors
- gas** recovery
- gas-solid** interactions
- gas-solid** interfaces
- gas** spectroscopy
- gas** streams

- hot **gas** systems
  - use* high temperature gases
- metal-**gas** systems
  - gas** temperature
  - gas** transport
  - gas** tubes
  - gas** tungsten arc welding
  - gas** turbine engines
  - gas** turbines
  - gas** valves
  - gas** viscosity
  - gas** welding
- tungsten inert **gas** welding
  - use* gas tungsten arc welding
- gasdynamic** lasers
- gaseous** cavitation
  - use* cavitation flow
  - gas flow
- gaseous** diffusion
- gaseous** fission reactors
- gaseous** fuels
- gaseous** rocket propellants
- gaseous** self-diffusion
- gases**
- atomic **gases**
  - use* monatomic gases
- coal derived **gases**
- cosmic **gases**
- diatomic **gases**
- dissolved **gases**
- exhaust **gases**
- explosive **gases**
  - use* flammable gases
- flammable **gases**
  - flue **gases**
- high temperature **gases**
  - hot **gases**
    - use* high temperature gases
- inert **gases**
  - use* rare gases
- ionized **gases**
- liquefied **gases**
- low density **gases**
  - use* rarefied gases
- molecular **gases**
- monatomic **gases**
- neutral **gases**
- noble **gases**
  - use* rare gases
- noncondensable **gases**
- nonpolar **gases**
- polar **gases**
- polyatomic **gases**
- rare **gases**
- rarefied **gases**
- real **gases**
- solidified **gases**
- gasification**
- coal **gasification**
- gaskets**
- gasohol** (fuel)
- gasoline**
- GASP**
  - use* Global Air Sampling Program
- Gaspra** asteroid
- gastrointestinal** system
- field-programmable **gate** arrays
- GATE** (experiment)
  - use* GARP Atlantic Tropical Experiment
- gates**
- OR-**gates**
  - use* gates (circuits)
- threshold **gates**
  - gates** (circuits)
  - gates** (openings)
- gauge** invariance
- Weinberg-Salam **Gauge** Model
  - use* electroweak model
- gauge** theory
- Gauss** equation
- Gauss** function
  - use* Gauss equation
- Gauss-Markov** theorem
- linear quadratic **Gaussian** control
- Gaussian** distributions
  - use* normal density functions
- Gaussian** elimination
- Gaussian** noise
  - use* random noise
- Gaussmeters**
  - use* magnetometers
- gauze**
- GAW-1** airfoil
- GAW-2** airfoil
- GC-130** aircraft
  - use* C-130 aircraft
- GCR** (reactors)
  - use* gas cooled reactors
- GDOP**
  - use* geometric dilution of precision
- XJ-79-**GE-1** engine
- YJ-73-**GE-3** engine
- YJ-93-**GE-3** engine
- GE** 625 computer
- GE** 635 computer
- GE** computers
- gear**
- arresting **gear**
- landing **gear**
- retractable landing **gear**
  - use* landing gear
  - retractable equipment
- gear** teeth
- gearboxes**
  - use* transmissions (machine elements)
- gears**
- bevel **gears**
- racks **(gears)**
- spiral bevel **gears**
- gegenschein**
- gehlenite**
- Geiger** counters
- Geiger-Mueller** tubes
  - use* Geiger counters
- silica **gel**
  - gel** chromatography
  - gel** filtration chromatography
    - use* gel chromatography
  - gel** permeation chromatography
    - use* gel chromatography
- sol-**gel** processes
- gelatins**
- gelation**
- gelbstoff**
  - use* dissolved organic matter
- gelled** propellants
- gelled** rocket propellants
- gels**
- Gemini** 2 spacecraft
- Gemini** 3 flight
- Gemini** 4 flight
- Gemini** 5 flight
- Gemini** 6 flight
- Gemini** 7 flight
- Gemini** 8 flight
- Gemini** 9 flight
- Gemini** 10 flight
- Gemini** 11 flight
- Gemini** 12 flight
- Gemini** B spacecraft
- Gemini** flights
- Gemini** (GT-1) spacecraft
- Gemini** project
- Gemini** spacecraft
- Geminid** meteoroids
- gene** expression

- gene** expression regulation
- gene** regulation
  - use* gene expression
- gene** therapy
- general** aviation aircraft
- General** Aviation Whitcomb airfoil
  - use* GAW-1 airfoil
  - GAW-2 airfoil
- Atmospheric **General** Circulation Experiment
- Atmospheric **General** Circulation Models
- General** Dynamics aircraft
- General** Electric computers
  - use* GE computers
- general** overviews
- General** Purpose Heat Sources
  - use* radioisotope heat sources
- generalization** (psychology)
- system **generated** electromagnetic pulses
- generation**
- combined cycle power **generation**
- heat **generation**
- nuclear electric power **generation**
- nuclear power **generation**
  - use* nuclear electric power generation
- plasma **generation**
  - use* plasma generators
- scene **generation**
- solar power **generation**
  - use* solar generators
- thermionic power **generation**
- thermoelectric power **generation**
- thermonuclear power **generation**
- vortex **generation**
  - use* vortex generators
- wave **generation**
- grid **generation** (mathematics)
- mesh **generation** (mathematics)
  - use* grid generation (mathematics)
- Next **Generation** Space Telescope project
- harmonic **generations**
- ASTEC solar turboelectric **generator**
- gas **generator** engines
  - use* engines
  - gas generators
- generators**
- AC **generators**
- acoustic **generators**
  - use* sound generators
- alternating current **generators**
  - use* AC generators
- alternators **(generators)**
  - use* AC generators
- arc **generators**
- cavity vapor **generators**
- colloidal **generators**
- DC **generators**
- direct current **generators**
  - use* DC generators
- direct power **generators**
- electric **generators**
- electrostatic **generators**
- function **generators**
- gas **generators**
- Hall **generators**
- harmonic **generators**
- homopolar **generators**
- impulse **generators**
- magnetohydrodynamic **generators**
- Nernst **generators**
  - use* thermomagnetic cooling
- noise **generators**
- optical **generators**
  - use* laser cavities
- photoelectric **generators**
- plasma **generators**
- power **generators**
  - use* electric generators
- pulse **generators**
- quantum **generators**
  - use* stimulated emission devices
- report **generators**
- rotating **generators**
- shock wave **generators**
- signal **generators**
- solar **generators**
- sound **generators**
- steam **generators**
  - use* boilers
- subharmonic **generators**
- test pattern **generators**
- thermoelectric **generators**
- tide powered **generators**
- vapor **generators**
  - use* vaporizers
- voltage **generators**
- vortex **generators**
- windpowered **generators**
- genes**
- cancer **genes**
  - use* oncogenes
- transforming **genes**
  - use* oncogenes
- tumor suppressor **genes**
- Genesis** mission
- genetic** algorithms
- genetic** code
- genetic** diversity
  - use* biological diversity
- genetic** engineering
- genetically** modified plants
- genetics**
- transcription **(genetics)**
- Genie** rocket vehicle
- genitourinary** system
- genome**
- GEO** environments
  - use* Earth orbital environments
- geostrophysics**
  - use* astrophysics
- geobotany**
- geocentric** coordinates
- geochemistry**
- geochronology**
- geocoronal** emissions
- geocyclotrons**
- geodesic** lines
- geodesy**
- celestial **geodesy**
- International Satellite **Geodesy** Experiment
- geodetic** accuracy
- geodetic** coordinates
- geodetic** satellites
- geodetic** surveys
- geodimeters**
- Geodynamic** Experimental Ocean Satellite
  - use* GEOS-D satellite
- Laser **Geodynamic** Satellite
  - use* LAGEOS (satellite)
- geodynamics**
- geoelectricity**
- geofabrics**
  - use* geotechnical fabrics
- geofractures**
  - use* geological faults
- geographic** applications program
- geographic** distribution
- geographic** information systems
- geography**
- geoids**
- GEOLE** satellites
- geological** faults
- geological** surveys
- geology**
- beds **(geology)**
- contacts **(geology)**
- crossbedding **(geology)**

- dikes **(geology)**
  - use* rock intrusions
- domes **(geology)**
- fissures **(geology)**
- folds **(geology)**
- gaps **(geology)**
- kettles **(geology)**
- lunar **geology**
- metamorphism **(geology)**
- outlets **(geology)**
  - use* estuaries
- planetary **geology**
- polar wandering **(geology)**
- radar **geology**
- scars **(geology)**
  - use* erosion
- shields **(geology)**
  - use* bedrock
- sinks **(geology)**
  - use* structural basins
- splits **(geology)**
  - use* geological faults
- structural properties **(geology)**
- subduction **(geology)**
  - geomagnetic** anomalies
    - use* magnetic anomalies
  - geomagnetic** crotchets
    - use* sudden ionospheric disturbances
  - geomagnetic** effects
    - use* magnetic effects
  - geomagnetic** equator
    - use* magnetic equator
  - geomagnetic** field
    - use* geomagnetism
  - geomagnetic** hollow
  - geomagnetic** latitude
  - geomagnetic** micropulsations
  - geomagnetic** pulsations
  - geomagnetic** storms
    - use* magnetic storms
  - geomagnetic** tail
  - geomagnetically** trapped particles
    - use* radiation belts
  - geomagnetism**
  - geometric** accuracy
  - geometric** dilution of precision
  - geometric** rectification (imagery)
  - geometrical** acoustics
  - geometrical** hydromagnetics
    - use* magnetohydrodynamics
  - geometrical** optics
  - geometrical** theory of diffraction
  - geometroynamics**
    - use* relativity
  - geometry**
  - analytic **geometry**
  - angles **(geometry)**
  - Bose **geometry**
  - chords **(geometry)**
  - circles **(geometry)**
  - computational **geometry**
  - crack **geometry**
  - curves **(geometry)**
  - descriptive **geometry**
  - differential **geometry**
  - duct **geometry**
  - Euclidean **geometry**
  - flow **geometry**
  - lines **(geometry)**
  - nonEuclidian **geometry**
    - use* differential geometry
  - nozzle **geometry**
  - projective **geometry**
  - specimen **geometry**
  - surface **geometry**
  - tank **geometry**
  - coordinate **geometry** language
    - use* COGO (programming language)
  - hole **geometry** (mechanics)
- variable **geometry** structures
- geomorphology**
- Geon** (trademark)
  - use* polyvinyl chloride
- geophysical** fluid flow cells
- geophysical** fluids
- geophysical** observatories
- Eccentric **Geophysical** Observatory
  - use* EGO
- Eccentric Orbit **Geophysical** Observatory
  - use* EGO
- Orbiting **Geophysical** Observatory
  - use* OGO
- Polar Orbit **Geophysical** Observatory
  - use* POGO
- geophysical** satellites
- IGY **(geophysical year)**
  - use* International Geophysical Year
- International **Geophysical** Year
- geophysics**
- geopotential**
- geopotential** height
- Geopotential** Research Mission
- geopressure**
- Georgia**
- Georgia** (Eurasia)
- GEOS** 1 satellite
- GEOS** 2 satellite
- GEOS** 3 satellite
- GEOS-B** satellite
  - use* GEOS 2 satellite
- GEOS-C** satellite
  - use* GEOS 3 satellite
- GEOS-D** satellite
- GEOS** satellites (ESA)
- GEOS** satellites (ESRO)
  - use* GEOS satellites (ESA)
- Geosari** project
- Geosat** satellites
- Mars **Geoscience** Climatology Orbiter
  - use* Mars Observer
- geosphere**
  - use* lithosphere
- International **Geosphere-Biosphere** program
- Geostationary** Operational Environ Sats
  - use* GOES satellites
- Geostationary** Operatl Environ Satellite B
  - use* GOES 2
- geostationary** platforms
  - use* synchronous platforms
- geostationary** satellites
  - use* synchronous satellites
- geostrophic** wind
- Geosynchronous** Earth Orbital Environments
  - use* Earth orbital environments
- geosynchronous** orbits
- geosynclines**
- geotechnical** engineering
- geotechnical** fabrics
- geotemperature**
- geotextiles**
  - use* geotechnical fabrics
- geothermal** anomalies
- geothermal** energy conversion
- geothermal** energy extraction
- geothermal** energy utilization
- geothermal** resources
- geothermal** technology
- geothermometry**
  - use* geotemperature
- geotropism**
- GEP** telescopes
  - use* particle telescopes
- Gerdien** arc heaters
  - use* arc heating
  - heating equipment
- Gerdien** condensers

- geriatrics**
- German** Democratic Republic
  - use* East Germany
- German** Infrared Laboratory
- German** space program
- germanates**
- magnesium **germanates**
- germanides**
- magnesium **germanides**
- germanium**
- germanium** alloys
- germanium** antimonides
- germanium** chlorides
- germanium** compounds
- organic **germanium** compounds
- germanium** diodes
- germanium** isotopes
- germanium** oxides
- germanium** rectifiers
  - use* germanium diodes
- Germany**
- East **Germany**
- Federal Republic of **Germany**
  - use* West Germany
- Peoples Democratic Republic of **Germany**
  - use* East Germany
- West **Germany**
- germicides**
  - use* bactericides
- germination**
- germinators**
  - use* phytotrons
- gerontology**
- GERT**
- Gestalt** theory
- Get** Away Specials (STS)
- GETOL** aircraft
- getters**
- geysers**
- GGG** (garnet)
  - use* gadolinium-gallium garnet
- Polar/ **GGG** spacecraft
- Wind/ **GGG** spacecraft
- Ghana**
- ghosts**
- Giacobini-Zinner** comet
- asymptotic **giant** branch stars
- gas **giant** planets
- giant** stars
- red **giant** stars
- gibberellins**
- Gibbs** adsorption equation
- Gibbs** equations
- Gibbs** free energy
- Gibbs-Helmholtz** equations
- Gibbs** phenomenon
- Gibraltar**
- gimballed** inertial navigation
- gimbals**
- Ginga** satellite
- Landau- **Ginzburg** equations
- Giotto** mission
- girder** webs
- girders**
- girdles**
- glacial** drift
- cloud **glaciation**
- glaciers**
- active **glaciers**
  - use* glaciers
- advancing **glaciers**
  - use* glaciers
- glaciofluvial** deposits
  - use* glacial drift
- glaciology**
- adrenal **gland**
- parathyroid **gland**
- parotid **gland**
  - use* salivary glands
- pineal **gland**
- pituitary **gland**
- prostate **gland**
- thymus **gland**
- thyroid **gland**
- glands**
- endocrine **glands**
- mammary **glands**
- salivary **glands**
- sebaceous **glands**
- sex **glands**
- glands** (anatomy)
- glands** (seals)
- glare**
- glass**
- borosilicate **glass**
- E **glass**
- obsidian **glass**
- S **glass**
- silica **glass**
- spin **glass**
  - coatings
  - electrodes
  - fiber reinforced plastics
  - fibers
  - lasers
  - transition temperature
- metallic **glasses**
- glassware**
- glassy** carbon
- GLAST**
  - use* Fermi Gamma-ray Space Telescope
- Glauber** theory
- glaucoma**
- Glauert** coefficient
  - use* aerodynamic forces
  - Mach number
- glazes**
- glide** angles
  - use* glide paths
- glide** landings
- glide** paths
- glide** slopes
  - use* glide paths
- Dyna-Soar space **glider**
  - use* X-20 aircraft
- gliders**
- ASSET **gliders**
- hang **gliders**
- hypersonic **gliders**
- inflatable **gliders**
- reentry **gliders**
  - use* lifting reentry vehicles
- space **gliders**
  - use* lifting reentry vehicles
- gliding**
- Glimm** method
- glint**
- global** air pollution
- Global** Air Sampling Program
- Global** Atmospheric Research Program
- Global** Communications Antenna Grid (navy)
  - use* Seafarer project
- Imager for Magnetopause-to-Aurora **Global** Explorer
  - use* IMAGE satellite
- integrated **global** ocean station systems
- Global** Orbiting Navigation Satellite Sys.
  - use* GLONASS
- Global** Positioning System
- Mars **Global** Surveyor
- Global** Tracking Network
- global** warming
- globes**
- globular** clusters
- globules**
- gamma **globulin**
- globulins**

- glomerulus**
- GLONASS**
- Glory** Mission satellite
- glossaries**
  - use* dictionaries
- space **glossaries**
- Gloster** GA-5 aircraft
  - use* GA-5 aircraft
- GLOTRAC** (tracking network)
  - use* Global Tracking Network
- glottis**
- gloveboxes**
- gloves**
- glow**
  - use* luminescence
- cathode **glow**
- shuttle **glow**
  - use* spacecraft glow
- spacecraft **glow**
- twilight **glow**
  - discharges
- glucocorticoids**
- glucose**
- glucosides**
- glues**
- gluons**
- glutamates**
- glutamic acid**
- glutamine**
- glutathione**
- glycerides**
- glycerins**
  - use* glycerols
- glycerols**
- glycidyl azide polymer**
- glycine**
- glycogens**
- glycols**
- glycolysis**
- glycosides**
  - use* glucosides
- gneiss**
- gnomonic projection**
- gnotobiotics**
- GNP**
  - use* gross national product
- goal theory**
- goals**
- goats**
- Gobi** desert
- Goddard** experiment package telescope
  - use* particle telescopes
- Goddard** Trajectory Determination System
- Godunov** method
- Goertler** instability
- Taylor-**Goertler** instability
  - use* Goertler instability
- GOES 1**
- GOES 2**
- GOES 3**
- GOES 4**
- GOES 5**
- GOES 6**
- GOES 7**
- GOES 8**
- GOES 9**
- GOES 10**
- GOES 13**
- GOES N**
  - use* GOES 13
- GOES** satellites
- goggles**
- Golay** detector cells
- gold**
  - 198
  - alloys
  - coatings
  - isotopes
- gold plate**
  - use* gold coatings
- Gompertz** curves
- gonads**
- gondolas**
- goniometers**
- goodness of fit**
- Blue **Goose** missile
- Clebsch-**Gordan** coefficients
- Klein-**Gordon** equation
- gores**
- gorges**
  - use* canyons
- GOSS** (support system)
  - use* ground operational support system
- government /industry relations**
- government procurement**
- governments**
- governors**
  - use* speed regulators
- GPHS** (nucleonics)
  - use* radioisotope heat sources
- Van de **Graaff** accelerators
- grabens**
  - use* geological faults
- GRACE** mission
- grade**
- graded** index optics
  - use* gradient index optics
- steep **gradient** aircraft
  - use* V/STOL aircraft
- gradient** index devices
  - use* gradient index optics
- gradient** index optics
- functionally **gradient** materials
- conjugate **gradient** method
- gravity **gradient** satellites
- gradients**
- potential **gradients**
- pressure **gradients**
- temperature **gradients**
- gravity **gradiometers**
- graduation**
  - use* calibrating
- Graeff** calculus
- grafting**
- skin **grafts**
- GRAIL** mission
- grain** boundaries
- grain** bridging
  - use* crack bridging
- grain** formation
- grain** size
- grains**
- propellant **grains**
- grains** (food)
- grammars**
- Granat** satellite
- Grand Canyon** (AZ)
- Grand Tours**
- grand** unified theory
- Rio **Grande** (North America)
- granite**
- grants**
- granular** materials
- solar **granulation**
- graph** theory
- graphene**
- graphic** arts
- graphic** evaluation and review techniques
  - use* GERT
- graphical** user interface
- computer **graphics**
- interactive **graphics**
  - use* computer graphics
- graphite**

- pyrolytic **graphite**
- aluminum **graphite** composites  
**graphite**-epoxy composites  
**graphite**-polyimide composites
- sodium **graphite** reactors  
**graphitization**  
**graphoepitaxy**  
**graphology**
- bond **graphs**
- flow **graphs**
- signal flow **graphs**  
**graphs** (charts)  
**Grashof** number
- Bhatnagar- **Grass**-Krook model  
**grasses**
- sea **grasses**  
**grasshoppers**  
**grasslands**  
**Grassmann** algebra  
*use* vector spaces
- interference **grating**  
**gratings**
- Bragg **gratings**
- diffraction **gratings**  
*use* gratings (spectra)
- echelette **gratings**
- echelle **gratings**  
**gratings** (spectra)  
**graupel**  
**gravel** deposits  
*use* gravels  
**gravels**  
**gravimeters**  
**gravimetry**
- thermal **gravimetry**  
*use* thermogravimetry  
**gravireceptors**  
**gravitation**
- Earth **gravitation**
- lunar **gravitation**
- planetary **gravitation**
- solar **gravitation**
- stellar **gravitation**  
**gravitation** theory  
**gravitational** binding energy  
**gravitational** collapse  
**gravitational** constant  
**gravitational** effects  
lunar **gravitational** effects  
**gravitational** fields  
**gravitational** instability  
**gravitational** lenses  
**gravitational** physiology  
**gravitational** potential  
*use* gravitational fields  
**gravitational** radiation  
*use* gravitational waves  
**gravitational** wave antennas
- Laser Interferometer **Gravitational**-Wave Observatory  
*use* LIGO (observatory)  
**gravitational** waves  
**gravitinos**  
**gravitons**  
**gravitropism**  
**gravity**  
*use* gravitation
- artificial **gravity**
- center of **gravity**
- low **gravity**  
*use* microgravity
- reduced **gravity**  
*use* microgravity
- specific **gravity**  
*use* density (mass/volume)
- zero **gravity**  
*use* weightlessness
- high **gravity** (acceleration)  
*use* high gravity environments  
**gravity** anomalies
- gravity** assist trajectories  
*use* swingby technique
- high **gravity** environments  
**gravity** gradient satellites  
**gravity** gradiometers
- low **gravity** manufacturing  
**gravity** meters  
*use* gravimeters  
**gravity** perception  
**Gravity** Probe B  
**Gravity** Recovery and Climate Experiment mission  
*use* GRACE mission  
**Gravity** Recovery and Interior Laboratory  
*use* GRAIL mission
- Lunar **Gravity** Simulator  
**gravity** waves  
**Gravsat** satellites  
*use* Geopotential Research Mission
- gray** gas  
**gray** scale  
**grazing**  
**grazing** flow  
**grazing** incidence  
**Grazing** Incidence Solar Telescope  
*use* GRIST (telescope)  
**grazing** incidence telescopes  
**grazing** lands  
*use* grasslands  
**greases**  
**Great** Basin (US)  
**Great** Britain  
*use* United Kingdom  
**great** circles  
International Field Year for **Great** Lakes  
**Great** Lakes (North America)  
**Great** Plains Corridor (North America)  
**Great** Salt Lake (UT)  
**Great** Smoky Mountains (NC-TN)  
**GREB** satellites  
**Greece**  
**greedy** algorithms  
**Greek** space program
- blue **green** algae  
**green** wave effect  
**Green's** functions  
**Green's** theorem  
*use* Green's functions  
**greenhouse** effect  
**greenhouses**  
**Greenland**  
**Gregorian** antennas  
**Grenada**  
**grenades**
- Information Power **Grid**  
*use* grid computing (computer networks)
- IPG (NASA Information Power **Grid**)  
*use* grid computing (computer networks)  
**grid** computing (computer networks)  
**grid** generation (mathematics)
- wire **grid** lenses
- Global Communications Antenna **Grid** (navy)  
*use* Seafarer project
- underground radio antenna **grid** (navy)  
*use* Seafarer project  
**grid** refinement (mathematics)  
**gridfree** methods  
*use* meshfree methods  
**grids**  
computational **grids**  
multiblock **grids**  
multiple blocked **grids**  
*use* multiblock grids  
tube **grids**  
computational **grids** (computer networks)  
*use* grid computing (computer networks)

- grids** (mathematics)
  - use* computational grids
- structured **grids** (mathematics)
- unstructured **grids** (mathematics)
- Griffith** crack
- Griffon** aircraft
  - use* Nord 1500 aircraft
- Grigg-Skjellerup** comet
- Grignard** reactions
- GRIN** (optics)
  - use* gradient index optics
- grinding**
  - electrolytic **grinding**
    - use* electrochemical machining
  - metal **grinding**
    - grinding** (comminution)
    - grinding** machines
  - ultrasonic **grinding** machines
    - use* ultrasonic machining
  - grinding** (material removal)
  - grinding** mills
  - Gripen** aircraft
    - use* JAS-39 aircraft
  - GRIST** (telescope)
  - grit**
  - grooves**
- V **grooves**
- grooving**
- gross** national product
- ground** based control
- space surveillance **(ground based)**
  - ground** clouds
    - use* exhaust clouds
  - ground-air- **ground** communication
  - ground** crews
  - cloud-to- **ground** discharges
  - ground** effect (aerodynamics)
  - ground** effect (communications)
  - Cushioncraft **ground** effect machine
  - DTMB-111 **ground** effect machine
    - use* ground effect machines
  - DTMB-430 **ground** effect machine
    - use* ground effect machines
  - SR-N2 **ground** effect machine
    - use* Westland ground effect machines
  - SR-N3 **ground** effect machine
    - use* Westland ground effect machines
  - SR-N5 **ground** effect machine
    - use* Westland ground effect machines
  - Westland SR-N2 **ground** effect machine
    - use* Westland ground effect machines
  - Westland SR-N3 **ground** effect machine
    - use* Westland ground effect machines
  - Westland SR-N5 **ground** effect machine
    - use* Westland ground effect machines
  - HD-1 **ground** effect machines
    - use* hovercraft ground effect machines
  - hovercraft **ground** effect machines
  - Westland **ground** effect machines
  - wing-in- **ground** effect vehicles
  - ground** handling
  - ground** operational support system
  - ground** penetrating radar
  - ground** resonance
  - ground** speed
  - ground** squirrels
  - ground** state
  - ground** stations
  - ground** support equipment
  - satellite **ground** support
    - ground** support systems
    - ground** tests
    - ground**-to-air missiles
      - use* surface to air missiles
    - ground** tracks
  - satellite **ground** tracks
  - ground** truth
- unmanned **ground** vehicles
  - ground** water
  - ground** wave propagation
  - ground** wind
- electrical **grounding**
- groundwater**
  - use* ground water
- carboxyl **group**
- transponder control **group**
  - Group** 1A compounds
    - use* alkali metal compounds
  - Group** 1B compounds
  - Group** 2A compounds
    - use* alkaline earth compounds
  - Group** 2B compounds
  - Group** 3A compounds
  - Group** 3B compounds
  - Group** 4A compounds
  - Group** 4B compounds
  - Group** 5A compounds
  - Group** 5B compounds
  - Group** 6A compounds
  - Group** 6B compounds
  - Group** 7A compounds
    - use* halogen compounds
  - Group** 7B compounds
  - Group** 8 compounds
- local **group** (astronomy)
  - group** behavior
    - use* group dynamics
  - group** dynamics
- renormalization **group** methods
  - group** technology (manufacturing)
  - group** theory
  - group** velocity
- groups**
- blood **groups**
- galaxy **groups**
  - use* galactic clusters
- lie **groups**
- propargyl **groups**
- spinor **groups**
- grout**
- growth**
  - crop **growth**
  - crystal **growth**
  - hydrothermal crystal **growth**
  - melts (crystal **growth**)
  - nanostructure **growth**
  - protein crystal **growth**
  - vegetation **growth**
    - growth** chambers
      - use* phytotrons
    - growth** hormone
      - use* pituitary hormones
  - plant **growth** regulators
  - Grumman** aircraft
  - Grumman** OV-1C aircraft
    - use* OV-1 aircraft
  - Gruneisen** constant
- Gemini **(GT-1)** spacecraft
- GTDS**
  - use* Goddard Trajectory Determination System
- Guadeloupe**
- Guam**
- guanethidine**
- guanidines**
- guanines**
- guanosines**
- guards** (shields)
- Guatemala**
- guayule**
- GUI** (computers)
  - use* graphical user interface
- French **Guiana**
- aircraft **guidance**
- beam rider **guidance**
- command **guidance**

inertial **guidance**  
 injection **guidance**  
 laser **guidance**  
 map matching **guidance**  
 midcourse **guidance**  
 missile **guidance**  
     *use* missile control  
 reentry **guidance**  
 rendezvous **guidance**  
 satellite **guidance**  
 spacecraft **guidance**  
 SSGS (standardized space **guidance**)  
     *use* standardized space guidance  
 standardized space **guidance**  
 strapdown inertial **guidance**  
 terminal **guidance**  
     **guidance** (motion)  
     **guidance** sensors  
 entry **guidance** (STS)  
 laser **guide** stars  
     **guide** vanes  
     **guided** missile submarines  
 precision **guided** projectiles  
 automated **guideway** transit vehicles  
**Guinea**  
 British **Guinea**  
     *use* Guyana  
 Papua New **Guinea**  
 New **Guinea** (island)  
     **guinea** pigs  
 Persian **Gulf**  
     **Gulf** of Alaska  
     **Gulf** of California (Mexico)  
     **Gulf** of Mexico  
     **Gulf** Stream  
     **gulfs**  
     **Gum** nebula  
     **gum** vulcanizates  
         *use* vulcanized elastomers  
     **Gumbel** theory  
         *use* range (extremes)  
     **gums** (substances)  
     **gun** launchers  
     **gun** propellants  
     **gun** turrets  
     **gunfire**  
     **Gunn** diodes  
     **Gunn** effect  
     **gunnery** training  
     **gunpowder**  
         *use* gun propellants  
     **guns**  
 crossed field **guns**  
     electron **guns**  
     gas **guns**  
 hypervelocity **guns**  
     light gas **guns**  
     plasma **guns**  
         **guns** (ordnance)  
         **gust** alleviators  
         **gust** loads  
         **gustatory** perception  
             *use* taste  
         **gusts**  
         **GUT**  
             *use* grand unified theory  
         **Gutenberg** zone  
         **guy** wires  
         **Guyana**  
         **gymnastics**  
             *use* physical exercise  
         **gynecology**  
         **gypsum**  
         **gyrals**  
             *use* gyres  
         **gyration**  
         **gyrators**  
         **gyres**  
         **gyro** horizons

**gyrocompasses**  
**gyrodampers**  
**Gyrodyne** aircraft  
**Gyrodyne** DSN-3 helicopter  
     *use* QH-50 helicopter  
**Gyrodyne** military aircraft  
     *use* QH-50 helicopter  
**gyrofrequency**  
**gyrointeraction**  
     *use* magnetic rigidity  
**gyromagnetism**  
**gyroplanes**  
     *use* helicopters  
**gyros**  
     *use* gyroscopes  
 attitude **gyros**  
     **gyroscope** fluids  
     **gyroscopes**  
     control moment **gyroscopes**  
         cryogenic **gyroscopes**  
         electrically suspended **gyroscopes**  
             *use* electrostatic gyroscopes  
     electrostatic **gyroscopes**  
         ESG (**gyroscopes**)  
             *use* electrostatic gyroscopes  
     fluid rotor **gyroscopes**  
         laser **gyroscopes**  
         nuclear **gyroscopes**  
         optical **gyroscopes**  
     pendulous **gyroscopes**  
         *use* gyroscopic pendulums  
     rotary **gyroscopes**  
     tuning fork **gyroscopes**  
         **gyroscopic** coupling  
         **gyroscopic** drift  
             *use* gyroscopes  
                 gyroscopic stability  
         **gyroscopic** pendulums  
         **gyroscopic** stability  
         **gyrostabilizers**  
         **gyrostats**  
             *use* gyroscopes  
         **gyrotrons**  
             *use* cyclotron resonance devices  
         **gyrotropism**

## H

IMP- **H**  
     *use* Explorer 47 satellite  
 OSO- **H**  
     *use* OSO-7  
 Space Shuttle mission 51- **H**  
     **H-1** engine  
     **H-2** control  
     **H-2** orbiting plane  
         *use* HOPE aerospace plane  
     **H-13** helicopter  
         *use* OH-13 helicopter  
     **H-17** helicopter  
     **H-19** helicopter  
     **H-21** helicopter  
         *use* CH-21 helicopter  
     **H-23** helicopter  
         *use* OH-23 helicopter  
     **H-25** helicopter  
     **H-34** helicopter  
         *use* CH-34 helicopter  
     **H-43** helicopter  
     **H-51** helicopter  
         *use* XH-51 helicopter  
     **H-53** helicopter  
     **H-54** helicopter  
     **H-56** helicopter  
     **H-60** Helicopter  
     **H-126** aircraft  
 Hunting **H-126** aircraft  
     *use* H-126 aircraft

- H** alpha line  
**H** beta line  
 FW- **H** equation  
     *use* Ffowcs Williams-Hawkins equation  
**H** gamma line  
**H** I regions  
**H-II** orbiting plane  
     *use* HOPE aerospace plane  
**H** II regions  
**H**-infinity control  
**H** lines  
 TIROS **H** satellite  
     *use* TIROS 8 satellite  
 space plasma **H** /V interaction experiments  
     *use* SPHINX  
**H** waves  
**habitability**  
**habitats**  
 space **habitats**  
**habits**  
**habituation** (learning)  
**hadrons**  
**hafnium**  
**hafnium** alloys  
**hafnium** carbides  
**hafnium** compounds  
**hafnium** iodides  
**hafnium** isotopes  
**hafnium** oxides  
**hahnium**  
**hail**  
**hailstones**  
     *use* hail  
**hailstorms**  
**hair**  
**hairpin** vortices  
     *use* horseshoe vortices  
**Haiti**  
**HAL** /S (language)  
**Halden** Boiling Water Reactor  
**Halden** reactor  
     *use* Halden Boiling Water Reactor  
**Hale-Bopp** comet  
**half** cones  
**half** life  
**half** planes  
**half** spaces  
 rare gas- **halide** lasers  
**halides**  
   alkali **halides**  
   cesium **halides**  
   metal **halides**  
   silver **halides**  
   tungsten **halides**  
**halites**  
**Hall** accelerators  
**Hall** coefficient  
     *use* Hall effect  
**Hall** currents  
     *use* electric current  
     Hall effect  
**Hall** effect  
 quantum **Hall** effect  
**Hall** generators  
**Hall** resistance  
**Hall** thrusters  
**Hallam** Nuclear Power Facility  
 HNPF (**Hallam** Nuclear Power Facility)  
     *use* Hallam Nuclear Power Facility  
**Halley's** comet  
**hallucinations**  
 massive compact **halo** objects  
**Halo** Orbit space station  
**halocarbons**  
**HALOE**  
     *use* Halogen Occultation Experiment  
**halogen** compounds  
**Halogen** Occultation Experiment  
**halogenation**  
**halogens**  
**halon**  
**halophiles**  
**halos**  
 galactic **halos**  
**Halphen** method  
**Hamburger** aircraft  
**Hamburger** HFB-320 aircraft  
     *use* HFB-320 aircraft  
**Hamilton-Jacobi** equation  
**Hamiltonian** functions  
 water **hammer**  
**hammerhead** configuration  
**hammers**  
 electromagnetic **hammers**  
   New **Hampshire**  
**hamsters**  
**hand** (anatomy)  
**handbooks**  
**handedness**  
**handicaps**  
     *use* disabilities  
**handles**  
**Handley** Page aircraft  
**Handley** Page HP-115 aircraft  
     *use* HP-115 aircraft  
 ground **handling**  
 materials **handling**  
 remote **handling**  
**handling** equipment  
**handling** qualities  
     *use* controllability  
 data **handling** systems  
     *use* data systems  
 mechanical **hands**  
     *use* end effectors  
 robot **hands**  
     *use* end effectors  
**hands** (robotics)  
     *use* end effectors  
**handwriting**  
**Hanford** reactors  
**hang** gliders  
**hangars**  
 aircraft **hangars**  
     *use* hangars  
 suspending **(hanging)**  
**Hankel** functions  
**Hansen** lunar theory  
**haploscopes**  
**harbors**  
 artificial **harbors**  
**hard** coal  
     *use* anthracite  
**hard** landing  
**hardeners**  
**hardening**  
   age **hardening**  
     *use* precipitation hardening  
   cold **hardening**  
 dispersion precipitation **hardening**  
     *use* precipitation hardening  
   metal **hardening**  
     *use* hardening (materials)  
   precipitation **hardening**  
   radiation **hardening**  
   strain **hardening**  
   work **hardening**  
     **hardening** (materials)  
     **hardening** (systems)  
**hardness**  
 diamond pyramid **hardness**  
     *use* Vickers hardness  
   Knoop **hardness**  
   Rockwell **hardness**  
   Vickers **hardness**  
**hardness** tests  
**hardware**

- evolvable **hardware**  
 reconfigurable **hardware**  
   **hardware** description languages  
   **hardware-in-the-loop** simulation  
   **hardware-in-the-loop** tests  
     *use* hardware-in-the-loop simulation  
   **hardware** utilization lists  
**Harleton** meteorite  
**harmonic** analysis  
**harmonic** control  
**harmonic** excitation  
**harmonic** functions  
**harmonic** generations  
**harmonic** generators  
**harmonic** motion  
 simple **harmonic** motion  
   **harmonic** oscillation  
   **harmonic** oscillators  
   **harmonic** radiation  
   **harmonics**  
 spherical **harmonics**  
 tesseral **harmonics**  
 zonal **harmonics**  
   **harnesses**  
 Herbig- **Haro** objects  
 Cooper- **Harper** ratings  
   **Harpoon** missile  
   **Harrier** aircraft  
   **Hartmann** flow  
   **Hartmann** number  
   **Hartmann-Sprenger** tubes  
   **Hartree-Appleton** approximation  
     *use* Hartree approximation  
   **Hartree** approximation  
   **Hartree-Fock** approximation  
     *use* Hartree approximation  
   **Hartree-Fock-Slater** method  
   **Harvard** Radio Meteor Project  
   **hassium**  
   **Hastelloy** (trademark)  
   **hatches**  
 Cape **Hatteras** (NC)  
 short **haul** aircraft  
   **hauling**  
 Campbell- **Hausdorff** series  
 New **Haven** (CT)  
 de **Havilland** aircraft  
 de **Havilland** DH 106 aircraft  
   *use* Comet 4 aircraft  
 de **Havilland** DH 112 aircraft  
   *use* DH 112 aircraft  
 de **Havilland** DH 115 aircraft  
   *use* DH 115 aircraft  
 de **Havilland** DH 121 aircraft  
   *use* DH 121 aircraft  
 de **Havilland** DH 125 aircraft  
   *use* DH 125 aircraft  
 de **Havilland** DHC 4 aircraft  
   *use* DHC 4 aircraft  
 de **Havilland** DHC 5 aircraft  
   *use* DHC 5 aircraft  
 de **Havilland** Venom aircraft  
   *use* DH 112 aircraft  
   **Hawaii**  
 Black **Hawk** assault helicopter  
   *use* H-60 Helicopter  
   **Hawk** missile  
   **Hawker** Hunter aircraft  
     *use* F-2 aircraft  
   **Hawker** P-1127 aircraft  
     *use* P-1127 aircraft  
   **Hawker** P-1154 aircraft  
     *use* P-1154 aircraft  
   **Hawker** Siddeley aircraft  
   **Hawkeye** 1 satellite  
     *use* Explorer 52 satellite  
   **Hawkeye** aircraft  
     *use* E-2 aircraft  
   **Hawkeye** satellites
- Ffowcs Williams- **Hawkings** equation  
**hay**  
**Haynes** Stellite  
   *use* Stellite (trademark)  
**HAZ** (metallurgy)  
   *use* heat affected zone  
 toxicity and safety **hazard**  
   **hazardous** material disposal (in space)  
   **hazardous** materials  
   **hazardous** wastes  
   **hazards**  
     aircraft **hazards**  
     biological **hazards**  
     flight **hazards**  
     meteor **hazards**  
       *use* meteoroid hazards  
   meteoroid **hazards**  
   noise **hazards**  
     *use* hazards  
       noise (sound)  
 operational **hazards**  
 radiation **hazards**  
 toxic **hazards**  
   **haze**  
   **haze** detection  
   **HBNQ**  
     *use* nitroguanidine  
   **HBWR** reactor  
     *use* Halden Boiling Water Reactor  
   **HC-1** helicopter  
     *use* CH-47 helicopter  
   **HC-3** helicopter  
 Omnipol **HC-3** helicopter  
   *use* HC-3 helicopter  
   **HCL** argon lasers  
   **HCL** lasers  
   **HCMM**  
     *use* Heat Capacity Mapping Mission  
   **HCN** lasers  
   **HD-1** ground effect machines  
     *use* hovercraft ground effect machines  
   **HDL** (computers)  
     *use* hardware description languages  
   **HDTV**  
     *use* high definition television  
   **head** (anatomy)  
   **head** down tilt  
   **head** flow  
   **head** (fluid mechanics)  
   **head** movement  
   **head** (pressure)  
     *use* pressure heads  
   **head-up** displays  
   **head** up tilt  
   **headache**  
   **headers**  
   comet **heads**  
   coral **heads**  
     *use* coral reefs  
   pressure **heads**  
   recording **heads**  
   **headsets**  
     *use* earphones  
   **healing**  
   wound **healing**  
   **health**  
   mental **health**  
   public **health**  
   **health** and usage monitoring systems  
     *use* systems health monitoring  
   **Health-Education Telecommunications**  
     exp  
     *use* HET experiment  
   structural **health** monitoring  
   systems **health** monitoring  
   **health** physics  
   **Health** Physics Research Reactor  
**HEAO**

- HEAO 1
- HEAO 2
- HEAO 3
- HEAO 4
- HEAO A
  - use HEAO 1
- HEAO B
  - use HEAO 2
- HEAO C
  - use HEAO 3
- HEAO D
  - use HEAO 4
- hearing
- binaural hearing
- hearing loss
  - use auditory defects
- heart
  - heart conduction system
  - heart diseases
  - heart function
  - heart implantation
  - heart minute volume
  - heart rate
  - heart valves
- artificial heart valves
- hearths
- heat
  - combustion heat
    - use heat of combustion
  - dry heat
  - formation heat
    - use heat of formation
  - fusion heat
    - use heat of fusion
  - latent heat
  - nuclear heat
  - process heat
  - specific heat
  - vaporization heat
    - use heat of vaporization
  - waste heat
    - heat acclimatization
    - heat affected zone
    - heat balance
    - heat budget
  - atmospheric heat budget
  - heat capacity
    - use specific heat
  - Heat Capacity Mapping Mission
  - heat conduction
    - use conductive heat transfer
  - heat content
    - use enthalpy
  - heat dissipation
    - use cooling
  - heat dissipation chilling
    - use cooling
  - heat effects
    - use temperature effects
  - heat engines
  - heat equations
    - use thermodynamics
  - heat exchangers
  - tube heat exchangers
  - heat flow
    - use heat transmission
  - heat flux
  - heat gain
    - use heating
  - heat generation
  - heat islands
  - heat measurement
  - heat of combustion
  - heat of dissociation
  - heat of formation
  - heat of fusion
  - latent heat of fusion
    - use heat of fusion
  - heat of solution
- heat of vaporization
- heat pipes
- heat pumps
- heat radiators
- heat regulation
  - use temperature control
- heat rejection devices
  - use heat radiators
- heat resistance
  - use thermal resistance
- heat resistant alloys
- heat shielding
- reusable heat shielding
- heat sinks
- heat sources
- General Purpose Heat Sources
  - use radioisotope heat sources
- radioisotope heat sources
- heat storage
- solar ponds (heat storage)
- heat stroke
- heat tapes
- heat tests
  - use high temperature tests
- Nernst heat theorem
  - use Nernst-Ettingshausen effect
- heat tolerance
- heat transfer
- aerodynamic heat transfer
- conductive heat transfer
- convective heat transfer
- CPL (heat transfer)
  - use capillary pumped loops
- hypersonic heat transfer
- laminar heat transfer
- radiative heat transfer
- supersonic heat transfer
- turbulent heat transfer
- heat transmission
- heat treatment
- normalizing (heat treatment)
- heaters
- Gerdien arc heaters
  - use arc heating
  - heating equipment
- heating
  - aerodynamic heating
  - arc heating
  - atmospheric heating
  - base heating
  - electron cyclotron heating
  - gas heating
  - induction heating
  - ionospheric heating
  - Joule heating
    - use ohmic dissipation
    - resistance heating
  - kinetic heating
  - laser heating
  - magnetohydrodynamic shear heating
  - plasma heating
  - pulse heating
  - radiant heating
  - radiation heating
    - use radiant heating
  - radio frequency heating
  - resistance heating
  - shock heating
  - solar heating
  - transient heating
  - water heating
  - space heating (buildings)
  - heating equipment
  - hydraulic heating sources
    - use heat sources
    - hydraulic equipment
- heaving

- heavy** cosmic ray primaries  
*use* heavy nuclei  
 primary cosmic rays
- heavy** elements
- heavy** fermion superconductors
- heavy** fermion systems
- heavy** ion collisions  
*use* ionic collisions
- heavy** ions
- Delta 4 **Heavy** launch vehicle
- heavy** lift airships
- heavy** lift helicopters
- heavy** lift launch vehicles
- heavy** metals
- heavy** nuclei
- heavy** water
- heavy** water components test reactors
- heavy** water reactors
- HEF** (high energy fuels)  
*use* high energy fuels
- height**
- geopotential **height**
- mixing **height**
- pulse **height**  
*use* pulse amplitude
- scale **height**
- cloud **height** indicators
- Heinkel** aircraft
- Heisenberg** theory
- Bethe- **Heitler** formula
- Helene**
- helical** antennas
- helical** flow
- helical** inducers
- helical** windings
- helices**
- AH-1G **helicopter**
- AH-1S **helicopter**
- AH-1W **helicopter**
- AH-63 **helicopter**
- AH-64 **helicopter**
- Alouette 3 **helicopter**  
*use* SE-3160 helicopter
- Bell 214A **helicopter**
- Black Hawk assault **helicopter**  
*use* H-60 Helicopter
- BO-105 **helicopter**
- CH-3 **helicopter**
- CH-21 **helicopter**
- CH-34 **helicopter**
- CH-46 **helicopter**
- CH-47 **helicopter**
- CH-53 **helicopter**  
*use* H-53 helicopter
- CH-54 **helicopter**
- CH-62 **helicopter**
- CH-113 **helicopter**  
*use* CH-46 helicopter
- Chinook **helicopter**  
*use* CH-47 helicopter
- Choctaw **helicopter**  
*use* CH-34 helicopter
- CL-595 **helicopter**  
*use* XH-51 helicopter
- Dash **helicopter**  
*use* QH-50 helicopter
- DSN **helicopter**  
*use* QH-50 helicopter
- EH-101 **helicopter**
- F-28 **helicopter**
- FH-1100 **helicopter**  
*use* OH-5 helicopter
- Flying Crane **helicopter**  
*use* H-17 helicopter
- Gyrodyne DSN-3 **helicopter**  
*use* QH-50 helicopter
- H-13 **helicopter**  
*use* OH-13 helicopter
- H-17 **helicopter**
- H-19 **helicopter**
- H-21 **helicopter**  
*use* CH-21 helicopter
- H-23 **helicopter**  
*use* OH-23 helicopter
- H-25 **helicopter**
- H-34 **helicopter**  
*use* CH-34 helicopter
- H-43 **helicopter**
- H-51 **helicopter**  
*use* XH-51 helicopter
- H-53 **helicopter**
- H-54 **helicopter**
- H-56 **helicopter**
- H-60 **Helicopter**
- HC-1 **helicopter**  
*use* CH-47 helicopter
- HC-3 **helicopter**
- Helliner (**helicopter**)  
*use* EH-101 helicopter
- HH-43 **helicopter**
- HH-43B **helicopter**  
*use* HH-43 helicopter
- HH-65 **helicopter**
- HHX **helicopter**  
*use* H-53 helicopter
- HO-4 **helicopter**  
*use* OH-4 helicopter
- HO-5 **helicopter**  
*use* OH-5 helicopter
- HO-6 **helicopter**  
*use* OH-6 helicopter
- HRB-1 **helicopter**  
*use* CH-46 helicopter
- HSS-2 **helicopter**  
*use* SH-3 helicopter
- HU-1 **helicopter**  
*use* UH-1 helicopter
- HU2K-1 **helicopter**  
*use* UH-2 helicopter
- HUS-1 **helicopter**  
*use* UH-34 helicopter
- Huskie **helicopter**  
*use* HH-43 helicopter
- Iroquois **helicopter**  
*use* UH-1 helicopter
- Jayhawk **helicopter**  
*use* H-60 Helicopter
- Kaman UH-2A **helicopter**  
*use* UH-2 helicopter
- Lockheed 186 **helicopter**  
*use* XH-51 helicopter
- Lockheed CL-595 **helicopter**  
*use* XH-51 helicopter
- LOH **helicopter**  
*use* OH-6 helicopter
- Merlin (**helicopter**)  
*use* EH-101 helicopter
- OH-4 **helicopter**
- OH-5 **helicopter**
- OH-6 **helicopter**
- OH-13 **helicopter**
- OH-23 **helicopter**
- OH-58 **helicopter**
- Omnipol HC-3 **helicopter**  
*use* HC-3 helicopter
- P-531 **helicopter**
- QH-50 **helicopter**
- Raven **helicopter**  
*use* OH-23 helicopter
- RH-2 **helicopter**  
*use* UH-1 helicopter
- S-58 **helicopter**
- S-61 **helicopter**
- S-64 **helicopter**  
*use* CH-54 helicopter
- S-67 **helicopter**
- SA-321 **helicopter**
- SA-330 **helicopter**

Scout **helicopter**  
*use* P-531 helicopter

SE-3160 **helicopter**

Sea King **helicopter**  
*use* SH-3 helicopter

Sea Knight **helicopter**  
*use* CH-46 helicopter

Seahorse **helicopter**  
*use* UH-34 helicopter

Seasprite **helicopter**  
*use* UH-2 helicopter

SH-3 **helicopter**

SH-4 **helicopter**

Shawnee **helicopter**  
*use* CH-21 helicopter

Sikorsky HSS-2 **helicopter**  
*use* SH-3 helicopter

Sikorsky S-58 **helicopter**  
*use* S-58 helicopter

Sikorsky S-61 **helicopter**  
*use* S-61 helicopter

Sikorsky S-64 **helicopter**  
*use* CH-54 helicopter

Sikorsky S-65 **helicopter**  
*use* H-53 helicopter

Sikorsky S-67 **helicopter**  
*use* S-67 helicopter

Sikorsky Whirlwind **helicopter**

Sioux **helicopter**  
*use* OH-13 helicopter

Skycrane **helicopter**  
*use* CH-54 helicopter

Sud Aviation SA-321 **helicopter**  
*use* SA-321 helicopter

Sud Aviation SA-330 **helicopter**  
*use* SA-330 helicopter

Sud Aviation SE-3160 **helicopter**  
*use* SE-3160 helicopter

TH-55 **helicopter**

UH-1 **helicopter**

UH-2 **helicopter**

UH-12 **helicopter**  
*use* OH-23 helicopter

UH-13 **helicopter**  
*use* OH-13 helicopter

UH-34 **helicopter**

UH-60A **helicopter**

UH-61A **helicopter**

Voyageur **helicopter**  
*use* CH-46 helicopter

Westland MK-10 **helicopter**  
*use* Westland Whirlwind helicopter

Westland P-531 **helicopter**  
*use* P-531 helicopter

Westland Whirlwind **helicopter**

Whirlwind MK-10 **helicopter**  
*use* Westland Whirlwind helicopter

Workhorse **helicopter**  
*use* CH-21 helicopter

XH-51 **helicopter**

YHU-1 **helicopter**  
*use* UH-1 helicopter

YUH-1 **helicopter**  
*use* UH-1 helicopter

YUH-60A **helicopter**  
*use* UH-60A helicopter

YUH-61A **helicopter**  
*use* UH-61A helicopter

**helicopter** attitude indicators  
*use* attitude indicators

**helicopter** control

**helicopter** design

**helicopter** engines

**helicopter** impulsive noise  
*use* blade slap noise

**helicopter** performance

**helicopter** propeller drive

**helicopter** rotors  
*use* rotary wings

**helicopter** tail rotors

**helicopter** wakes

**helicopters**

aerogyro **helicopters**  
*use* XH-51 helicopter

Alouette **helicopters**

compound **helicopters**

drone **helicopters**  
*use* drone aircraft  
 helicopters

heavy lift **helicopters**

light **helicopters**

military **helicopters**

rigid rotor **helicopters**

tandem rotor **helicopters**

Vertol military **helicopters**  
*use* Boeing aircraft

**Heliliner** (helicopter)  
*use* EH-101 helicopter

**Helio** aircraft

**Helio** military aircraft  
*use* Helio aircraft

**heliocentric** orbits  
*use* solar orbits

**heliographs**  
*use* spectroheliographs

**heliography**  
*use* spectroheliographs

**heliomagnetism**  
*use* solar magnetic field

**heliometers**

**heliometry**  
*use* heliometers  
 pyroheliometers

**Helios** 1

**Helios** 2

**Helios** A

**Helios** B

**Helios** Project

**Helios** satellites

**helioseismology**

**heliosphere**

Solar and **Heliospheric** Observatory  
*use* SOHO Mission

**heliostats**

**heliotrons**

**heliports**

**helitrons**

**helium**

liquid **helium**

**helium** 2  
*use* helium isotopes  
 liquid helium

liquid **helium** 2

**helium** 3  
*use* helium isotopes

**helium** 4  
*use* helium isotopes

**helium** afterglow

**helium** atoms

**helium** compounds

**helium** film

**helium** hydrogen atmospheres

**helium** ions

**helium** isotopes

**helium-neon** lasers

**helium-oxygen** atmospheres

**helium** plasma

**helium** stars  
*use* B stars

**helix** tubes  
*use* traveling wave tubes

**Hellmann-Feynman** theorem

**helmet** mounted displays

**helmets**

**Helmholtz** equations

Gibbs- **Helmholtz** equations

Kirchhoff- **Helmholtz** flow  
*use* pipe flow

- Kelvin- **Helmholtz** instability  
**Helmholtz** resonators
- Young- **Helmholtz** theory  
**Helmholtz** vorticity equation  
**HELOS** (satellite)  
*use* Exosat satellite
- hematite**  
**hematocrit**  
**hematocrit** ratio  
**hematology**  
**hematopoiesis**  
**hematopoietic** system  
**hematuria**
- Eastern **Hemisphere**  
Northern **Hemisphere**  
Southern **Hemisphere**  
Western **hemisphere**  
**hemisphere** cylinder bodies  
**hemispheres**  
**hemispherical** shells  
**hemocytes**  
**hemodynamic** responses  
**hemodynamics**  
**hemoglobin**  
**hemolysis**  
**hemoperfusion**  
**hemorrhages**  
**hemostasis**  
*use* hemostatics  
**hemostatics**  
**HEMT** (electronics)  
*use* high electron mobility transistors
- Henry** law  
**HEOS** A satellite  
**HEOS** B satellite  
**HEOS** satellites  
**heparins**  
**hepatitis**  
**heptadiene**  
**heptanes**  
**herbicides**  
**Herbig-Haro** objects  
**Hercules** aircraft  
*use* C-130 aircraft  
**Hercules** engine
- Nike- **Hercules** missile  
**Hercules** nova
- heredity**  
**Hering-Breuer** reflex  
**Hermes** manned spaceplane  
**Hermes** satellite  
*use* Communications Technology Satellite
- hermetic** seals  
**Hermitian** polynomial  
**HERO** Reactor  
**Hertzprung-Russell** diagram  
**Herzberg** bands  
**Herzegovina**  
*use* Bosnia and Herzegovina
- Bosnia and **Herzegovina**  
**Hessian** matrices  
**HET** experiment  
**heterocyclic** compounds  
**heterodyning**
- optical **heterodyning**  
**heterogeneity**  
**heterojunction** devices  
**heterojunctions**  
**heterophoria**  
**heterosphere**  
**heterotrophs**  
**heuristic** methods  
**HEUS** rocket engines  
**Hewlett-Packard** computers  
**hexadiene**
- sulfur **hexafluoride**  
**hexagonal** cells  
**hexagons**
- hexahedrite**  
**hexamethonium**  
**hexamethylenetetramine**  
**hexanitrostilbene**  
**hexenes**  
**Hexogenes** (trademark)  
**hexokinase**  
**hexoses**  
**hexyl** compounds  
**HF** lasers  
**HFB-320** aircraft  
Hamburger **HFB-320** aircraft  
*use* HFB-320 aircraft  
**HFIR**  
*use* high flux isotope reactors  
**HFIR** (reactor)  
*use* high flux isotope reactors  
**HH-43** helicopter  
**HH-43B** helicopter  
*use* HH-43 helicopter  
**HH-65** helicopter  
**HXX** helicopter  
*use* H-53 helicopter
- hibernation**  
**HICAT** project  
*use* high resolution coverage antennas  
**HICAT** (radar technique)  
*use* high resolution coverage antennas
- hierarchies**  
BBGKY **hierarchy**  
**Higgs** bosons  
**high** acceleration  
**high** alt target and background measurement  
**high** altitude  
**high** altitude balloons  
**high** altitude breathing  
**high** altitude environments  
**high** altitude flight  
*use* flight  
high altitude  
**high** altitude nuclear detection  
**high** altitude pressure  
**high** altitude sounding projectile  
*use* WASP sounding rocket
- Spacecraft Charging at **High** Altitude  
*use* SCATHA satellite  
**high** altitude tests  
**high** aspect ratio  
**high** aspect ratio wings  
*use* slender wings  
**high** current  
**high** definition television  
**high** dispersion spectrographs  
**High** Eccentric Lunar Occultation Satellite  
*use* Exosat satellite  
**high** electron mobility transistors  
**High** Energy Astronomy Observatories  
*use* HEAO  
**High** Energy Astronomy Observatory 1  
*use* HEAO 1  
**High** Energy Astronomy Observatory 2  
*use* HEAO 2  
**High** Energy Astronomy Observatory 3  
*use* HEAO 3  
**High** Energy Astronomy Observatory 4  
*use* HEAO 4  
**High** Energy Astronomy Observatory A  
*use* HEAO 1  
**High** Energy Astronomy Observatory B  
*use* HEAO 2  
**High** Energy Astronomy Observatory C  
*use* HEAO 3  
**High** Energy Astronomy Observatory D  
*use* HEAO 4  
**high** energy electrons

- high** energy fuels
- HEF (**high** energy fuels)
  - use* high energy fuels
- high** energy interactions
- high** energy oxidizers
- high** energy propellants
- high** field magnets
- high** flux beam reactors
- high** flux isotope reactors
- high** frequencies
- extremely **high** frequencies
- very **high** frequencies
- very **high** frequency radio equipment
- high** gain
- high** gravity (acceleration)
  - use* high gravity environments
- high** gravity environments
- high** impulse
- high** intensity lasers
  - use* high power lasers
- high** latitudes
  - use* polar regions
- high** level languages
- high** melting compounds
  - use* refractory materials
- high** pass filters
- high** polymers
- high** power lasers
- high** pressure
- high** pressure oxygen
- high** Q
  - use* Q factors
- high** resistance
- high** resolution
- high** resolution coverage antennas
- Advanced Very **High** Resolution Radiometer
- high** Reynolds number
- high** speed
- high** speed cameras
- high** speed flight
  - use* flight
  - high speed
- very **high** speed integrated circuits
  - use* VHSIC (circuits)
- high** speed photography
- high** speed transportation
  - use* rapid transit systems
- high** strength
- high** strength alloys
- high** strength steels
- high** temperature
- high** temperature air
- high** temperature alloys
  - use* heat resistant alloys
- high** temperature environments
- high** temperature fatigue
  - use* thermal fatigue
- high** temperature fluids
- high** temperature gas cooled reactors
- high** temperature gases
- high** temperature lubricants
- high** temperature materials
  - use* refractory materials
- high** temperature nuclear reactors
- high** temperature plasmas
- high** temperature propellants
- high** temperature research
- high** temperature superconductors
- high** temperature tests
- high** thrust
- high** vacuum
- High** Vacuum Orbital Simulator
- high** velocity oxy-fuel spraying
  - use* HVOF thermal spraying
- high** velocity oxygen fuel thermal spraying
  - use* HVOF thermal spraying
- high** voltages
- higher** order languages
  - use* high level languages
- highlands**
- Highly** Eccentric Orbit satellites
  - use* HEOS satellites
- highly** maneuverable aircraft
- highways**
- hijacking**
  - use* air piracy
- Hilbert** space
- Hilbert** transformation
- Hill** curves
  - use* Hill method
- Hill** determinant
- Hill** lunar theory
- Hill** method
- Hiller** aircraft
- Fairchild-**Hiller** aircraft
- Sand **Hills** Region (GA-NC-SC)
- Sand **Hills** Region (NE)
- Black **Hills** (SD-WY)
- Hilsch** tubes
- Himalayas**
- Himalia**
- HIMAT**
  - use* highly maneuverable aircraft
- hindcasting**
- hindlimb** suspension
- hindlimb** unloading
  - use* hindlimb suspension
- hindrance**
  - use* constraints
- hinge** moments
  - use* torque
- hinged** rotor blades
  - use* hinges
  - rotary wings
- hingeless** rotors
  - use* rigid rotors
- hinges**
- flapping **hinges**
- HIP** (process)
  - use* hot isostatic pressing
- Hipparcos** satellite
- hippocampus**
- hippuric** acid
- His** bundle
- hiss**
- histamines**
- histidine**
- histochemical** analysis
- histograms**
- histology**
- histories**
- case **histories**
- HITAB** program
  - use* high alt target and background measurement
- HIV** (virus)
  - use* human immunodeficiency virus
- HIVOS** (simulator)
  - use* High Vacuum Orbital Simulator
- HL-10** reentry vehicle
- HLD-35** reentry vehicle
- HLLV**
  - use* heavy lift launch vehicles
- HMD** (displays)
  - use* helmet mounted displays
- HMX**
- HNPF** (Hallam Nuclear Power Facility)
  - use* Hallam Nuclear Power Facility
- HNST**
  - use* hexanitrostilbene
- HO-4** helicopter
  - use* OH-4 helicopter
- HO-5** helicopter
  - use* OH-5 helicopter
- HO-6** helicopter
  - use* OH-6 helicopter

- Bose-Chaudhuri- **Hocquenghem** codes  
**hodographs**  
**hodoscopes**  
**hogbacks**  
*use* ridges  
**hohlraums**  
**Hohmann** trajectories  
*use* elliptical orbits  
transfer orbits  
**Hohmann** transfer orbits  
*use* elliptical orbits  
transfer orbits  
**holders**  
flame **holders**  
**holding**  
**hole** burning  
**hole** distribution  
**hole** distribution (electronics)  
**hole** distribution (mechanics)  
electron- **hole** drops  
**hole** geometry (mechanics)  
**hole** mobility  
**holes**  
coronal **holes**  
electron **holes**  
*use* holes (electron deficiencies)  
ozone **holes**  
*use* ozone depletion  
black **holes** (astronomy)  
white **holes** (astronomy)  
**holes** (electron deficiencies)  
**holes** (mechanics)  
**Holland**  
*use* Netherlands  
**hollow**  
geomagnetic **hollow**  
**hollow** cathodes  
**holmium**  
**holmium** isotopes  
**Holocene** epoch  
**hologrammetry**  
**holographic** interferometry  
**holographic** optical elements  
**holographic** spectroscopy  
**holographic** subtraction  
**holography**  
acoustical **holography**  
microwave **holography**  
self subtraction **holography**  
*use* holographic subtraction  
sound **holography**  
*use* acoustical holography  
speckle **holography**  
white light **holography**  
**holomorphism**  
*use* analytic functions  
Max **Holste** MH-262 aircraft  
*use* MH-262 aircraft  
**homeostasis**  
**homeotherms**  
**homing**  
**homing** devices  
radar **homing** missiles  
**homodyne** reception  
**homogeneity**  
**homogeneous** turbulence  
**homogenization**  
*use* homogenizing  
**homogenizing**  
**homojunctions**  
**homology**  
**homomorphisms**  
**homopolar** generators  
**homosphere**  
**homotopy** theory  
**homotropy**  
**Honduras**  
British **Honduras**  
*use* Belize
- Honest** John rocket vehicle  
**honeycomb** cores  
**honeycomb** mirrors  
**honeycomb** structures  
ceramic **honeycombs**  
**Honeywell** 600/6000 computer  
**Honeywell** ADEPT computer  
**Honeywell** computers  
**Honeywell** DDP 116 computer  
**Hong** Kong  
**honing**  
**Hookes** law  
**hooks**  
**hoop** column antennas  
**hoops**  
**Hopcalite** (trademark)  
**HOPE** aerospace plane  
Wiener **Hopf** equations  
**hoppers**  
frequency **hopping**  
**horizon**  
event **horizon**  
over-the- **horizon** radar  
**horizon** scanners  
infrared **horizon** scanners  
*use* horizon scanners  
infrared scanners  
**horizon** sensing  
*use* horizon scanners  
gyro **horizons**  
radio **horizons**  
New **Horizons** mission  
level **(horizontal)**  
**horizontal** branch stars  
**horizontal** distribution  
**horizontal** flight  
**horizontal** orientation  
**horizontal** spacecraft landing  
**horizontal** stabilizers  
*use* stabilizers (fluid dynamics)  
**horizontal** tail surfaces  
**horizontally** polarized shear waves  
*use* SH waves  
growth **hormone**  
*use* pituitary hormones  
**hormone** metabolisms  
**hormones**  
pituitary **hormones**  
**horn** antennas  
**horns**  
**horsepower**  
**horses**  
**horseshoe** vortices  
**hoses**  
**hospitals**  
**hot** air  
*use* high temperature air  
**hot** atoms  
**hot** cathodes  
**hot** corrosion  
**hot** cycle propulsion system  
*use* tip driven rotors  
**hot** electrons  
**hot** extruding  
*use* extruding  
**hot-film** anemometers  
**hot** forming  
*use* hot working  
**hot** gas systems  
*use* high temperature gases  
**hot** gases  
*use* high temperature gases  
**hot** isostatic pressing  
**hot** jet exhaust  
*use* high temperature gases  
jet exhaust  
**hot** jets  
*use* jet flow  
**hot** machining

- hot** plasmas
  - use* high temperature plasmas
- hot** pressing
- hot** stars
- hot** surfaces
- hot** water rocket engines
- hot** weather
- hot-wire** anemometers
- hot-wire** flowmeters
- hot-wire** turbulence meters
  - use* hot-wire flowmeters
  - turbulence meters
- hot** working
- HOTOL** launch vehicle
- hotshot** wind tunnels
- Hound** Dog missile
- twenty-four **hour** orbits
- Householder** transformations
- housekeeping** (spacecraft)
- solar **houses**
- hosings**
- Houston** (TX)
- hovercraft**
  - use* ground effect machines
- Westland SR-N2 **hovercraft**
  - use* Westland ground effect machines
- Westland SR-N3 **hovercraft**
  - use* Westland ground effect machines
- hovercraft** ground effect machines
- hovering**
- hovering** rocket vehicles
- hovering** stability
- howitzers**
- Handley Page **HP-115** aircraft
  - HP-115** aircraft
  - use* HP-115 aircraft
- HPRR**
  - use* Health Physics Research Reactor
- HR** diagram
  - use* Hertzprung-Russell diagram
- HRB-1** helicopter
  - use* CH-46 helicopter
- HS-125** aircraft
  - use* DH 125 aircraft
- AVRO Whitworth **HS-748** aircraft
  - HS-748** aircraft
  - use* HS-748 aircraft
- HS-801** aircraft
- HSS-2** helicopter
  - use* SH-3 helicopter
- Sikorsky **HSS-2** helicopter
  - use* SH-3 helicopter
- HTGR**
  - use* high temperature gas cooled reactors
- HTML**
  - use* document markup languages
- HTPB** propellants
- HTSC** (superconductors)
  - use* high temperature superconductors
- HU-1** helicopter
  - use* UH-1 helicopter
- HU2K-1** helicopter
  - use* UH-2 helicopter
- Hubble** constant
- Hubble** diagram
- Hubble** Space Telescope
- hubs**
- rotor **hubs**
  - use* hubs
  - rotors
- Debye- **Huckel** theory
- Hudson** Bay (Canada)
- Hudson** River (NY-NJ)
- Hueckel** theory
- Hughes** aircraft
- Hugoniot** adiabat
  - use* Hugoniot equation of state
- Hugoniot** equation of state
- Rankine- **Hugoniot** relation
- HUL**
  - use* hardware utilization lists
- Small Water Plane Area Twin **Hull**
  - use* SWATH (ship)
- ship **hulls**
  - hulls** (structures)
- hum**
- human** behavior
- human** beings
- human** body
- human** centrifuges
- human-computer** interface
- human** engineering
  - use* human factors engineering
- human** factors engineering
- human** factors laboratories
- human** immunodeficiency virus
- human** pathology
- human** performance
- human** reactions
- human** relations
- human** resources
- human** tolerances
- human** wastes
- Humason** comet
- humerus**
- humidity**
- humidity** measurement
- Hummingbird** aircraft
  - use* XV-4 aircraft
- railroad **humping** tests
- Hungarian** space program
- Hungary**
- Hawker **Hunter** aircraft
  - use* F-2 aircraft
- Hunter** F-2 aircraft
  - use* F-2 aircraft
- Hunting** H-126 aircraft
  - use* H-126 aircraft
- Hunting** P-84 aircraft
  - use* jet provost aircraft
- Lake **Huron**
- Anna **hurricane**
- hurricanes**
- HUS-1** helicopter
  - use* UH-34 helicopter
- Huskie** helicopter
  - use* HH-43 helicopter
- Hustler** aircraft
  - use* B-58 aircraft
- HUT** (physiology)
  - use* head up tilt
- Huygens** principle
- Kirchhoff- **Huygens** principle
  - use* diffraction
  - wave propagation
- Huygens** probe
- Hvittis** chondrite
- HVOF** thermal spraying
- hybrid** circuits
- hybrid** combustion
  - use* hybrid propellant rocket engines
- hybrid** composites
- hybrid** computers
- hybrid** navigation systems
- hybrid** propellant rocket engines
- hybrid** propellants
- hybrid** propulsion
- fusion-fission **hybrid** reactors
- hybrid** rocket engines
- hybrid** structures
- hybrid-Treffitz** finite element method
  - use* finite element method
  - Treffitz method
- electric **hybrid** vehicles

- hybrids** (biology)
      - use* genetic engineering
  - Nike- **Hydac** rocket vehicle
  - diphenyl **hydantoin**
  - Hydra**
  - hydrates**
  - hydration**
  - hydraulic** actuators
    - use* actuators
    - hydraulic equipment
  - hydraulic** analogies
  - hydraulic** control
  - hydraulic** equipment
  - hydraulic** fluids
  - hydraulic** heating sources
    - use* heat sources
    - hydraulic equipment
  - hydraulic** jets
  - hydraulic** pumps
    - use* hydraulic equipment
    - pumps
  - hydraulic** shock
  - hydraulic** systems
    - use* hydraulic equipment
  - aircraft **hydraulic** systems
  - hydraulic** test tunnels
  - hydraulic** valves
    - use* hydraulic equipment
    - valves
  - hydraulics**
  - hydrazides**
  - hydrazine** borane
  - hydrazine** engines
  - hydrazine** nitrate
  - hydrazine** nitroform
  - hydrazine** perchlorates
  - hydrazines**
  - hydrazinium** compounds
  - hydrazoic** acid
  - hydrazones**
  - hydrazonium** compounds
  - hydrides**
  - aluminum **hydrides**
  - beryllium **hydrides**
  - boron **hydrides**
  - cesium **hydrides**
  - lithium **hydrides**
  - lithium aluminum **hydrides**
  - metal **hydrides**
  - nitrogen **hydrides**
  - potassium **hydrides**
  - sodium **hydrides**
  - zirconium **hydrides**
  - hydroacoustics**
    - use* underwater acoustics
  - hydroaeromechanics**
    - use* aerodynamics
  - hydroballistics**
  - hydrobarophones**
    - use* hydrophones
  - hydroboration**
  - hydrobromic** acid
  - hydrobromides**
  - hydrocarbon** combustion
  - hydrocarbon** fuel production
  - hydrocarbon** fuels
  - hydrocarbon** poisoning
  - liquid oxygen **hydrocarbon** rocket engines
    - use* oxygen-hydrocarbon rocket engines
  - LOX- **hydrocarbon** rocket engines
    - use* oxygen-hydrocarbon rocket engines
  - oxygen- **hydrocarbon** rocket engines
  - hydrocarbons**
  - aliphatic **hydrocarbons**
  - cyclic **hydrocarbons**
  - polycyclic aromatic **hydrocarbons**
- saturated **hydrocarbons**
    - use* alkanes
  - hydrochloric** acid
  - hydrochlorides**
  - hydroclimatology**
  - hydrocracking**
  - hydrocyanic** acid
  - hydrodynamic** coefficients
  - hydrodynamic** equations
  - hydrodynamic** ram effect
  - hydrodynamic** stability
    - use* flow stability
  - hydrodynamic** tunnels
    - use* plasma jet wind tunnels
  - hydrodynamics**
  - ram effect **(hydrodynamics)**
    - use* hydrodynamic ram effect
  - hydroelasticity**
  - hydroelectric** power stations
  - hydroelectricity**
  - hydrofluoric** acid
  - hydrofoil** boats
    - use* hydrofoil craft
  - hydrofoil** craft
  - hydrofoil** oscillations
  - hydrofoils**
  - hydroforming**
  - hydrogen**
  - liquid **hydrogen**
  - metallic **hydrogen**
  - ortho **hydrogen**
  - para **hydrogen**
  - slush **hydrogen**
  - hydrogen** 2
    - use* deuterium
  - hydrogen** 3
    - use* tritium
  - hydrogen** 4
  - hydrogen** air fuel cells
    - use* hydrogen oxygen fuel cells
  - helium **hydrogen** atmospheres
  - hydrogen** atoms
  - hydrogen** azides
  - hydrogen**-based energy
  - nickel **hydrogen** batteries
  - silver **hydrogen** batteries
  - hydrogen** bombs
    - use* fusion weapons
  - hydrogen** bonds
  - hydrogen** chloride lasers
    - use* HCL lasers
  - hydrogen** chlorides
  - hydrogen** clouds
  - hydrogen** compounds
  - hydrogen** cyanide lasers
    - use* HCN lasers
  - hydrogen** cyanides
    - use* hydrocyanic acid
  - hydrogen** deuterium oxide
    - use* heavy water
  - hydrogen** embrittlement
  - hydrogen** engines
  - LOX- **hydrogen** engines
    - use* hydrogen oxygen engines
  - hydrogen** fluoride lasers
    - use* HF lasers
  - hydrogen** fluorides
    - use* hydrofluoric acid
  - hydrogen** fuels
  - hydrogen** ions
  - hydrogen** isotopes
  - hydrogen** masers
  - hydrogen** metabolism
  - hydrogen** oxygen engines
  - hydrogen** oxygen fuel cells
  - hydrogen** perchlorate
  - hydrogen** peroxide
  - diethyl **hydrogen** phosphite (DEHP)
  - hydrogen** plasma

- hydrogen** production
- hydrogen** recombinations
- hydrogen** sulfide
- hydrogenation**
- hydrogenolysis**
- hydrogenomonas**
- hydrogeology**
- hydrography**
- hydrokinetics**
  - use* hydromechanics
- hydrological** cycle
- IHD **(hydrological** decade)
  - use* International Hydrological Decade
- International **Hydrological** Decade
- hydrology**
- water cycle **(hydrology)**
  - use* hydrological cycle
- hydrology** models
- hydrolysis**
- hydromagnetic** flow
  - use* magnetohydrodynamic flow
- hydromagnetic** stability
  - use* magnetohydrodynamic stability
- hydromagnetic** waves
  - use* magnetohydrodynamic waves
- hydromagnetics**
  - use* magnetohydrodynamics
- geometrical **hydromagnetics**
  - use* magnetohydrodynamics
- hydromagnetism**
  - use* magnetohydrodynamics
- hydromechanics**
- hydrometallurgy**
- hydrometeorology**
- hydrometeors**
- hydrometers**
- hydronium** ions
- hydrophobicity**
- hydrophones**
- hydroplanes** (surfaces)
- hydroplanes** (vehicles)
- hydroplaning**
- hydroponics**
- hydropower** stations
  - use* hydroelectric power stations
- hydropyrolysis**
- hydroscience**
  - use* hydrology
- hydroskis**
  - use* hydroplanes (surfaces)
- Earth **hydrosphere**
- hydrosphere** (Earth)
  - use* Earth hydrosphere
- hydrospinning**
- hydrostatic** pressure
- hydrostatics**
- hydrosulfites**
- hydrothermal** crystal growth
- hydrothermal** stress analysis
- hydrothermal** systems
- deep-sea **hydrothermal** vents
  - use* submarine hydrothermal vents
- seafloor **hydrothermal** vents
  - use* submarine hydrothermal vents
- submarine **hydrothermal** vents
- hydrox** engines
  - use* hydrogen oxygen engines
- hydroxides**
- lithium **hydroxides**
- potassium **hydroxides**
- sodium **hydroxides**
- hydroxycorticosteroid**
- hydroxyl** compounds
- hydroxyl** emission
- hydroxyl** radicals
- hydroxylamine** sulfate
- hydroxylammonium** perchlorates
- hygiene**
- oral **hygiene**
- hygral** properties
- hygrometers**
- hygroscopicity**
- Hyla-Star rocket vehicle
- Hylleraas** coordinates
- hyoscine**
- hyperbaric** chambers
- hyperbolae**
- hyperbolic** coordinates
- hyperbolic** differential equations
- hyperbolic** functions
- hyperbolic** navigation
- hyperbolic** reentry
- hyperbolic** space
  - use* hyperbolic coordinates
- hyperbolic** systems
- hyperbolic** trajectories
- hyperbranched** polymers
  - use* dendrimers
- hypercapnia**
- hypercube** multiprocessors
- hyperfine** structure
- hypergeometric** functions
- hypergeometry**
  - use* hyperspaces
- hyperglycemia**
- hypergolic** rocket propellants
- hypergravity**
  - use* high gravity environments
- Hyperion**
- hyperkinesia**
- hypermedia**
  - use* multimedia
- hypernea**
- hypernuclei**
- hyperons**
- xi **hyperons**
- hyperopia**
- hyperoxia**
- hyperplanes**
- hyperpnea**
- hypersomnia**
- hypersonic** aircraft
- hypersonic** boundary layer
- hypersonic** combustion
- hypersonic** flight
- hypersonic** flow
- hypersonic** forces
- hypersonic** gliders
- hypersonic** heat transfer
- hypersonic** inlets
- hypersonic** nozzles
- hypersonic** reentry
- hypersonic** shock
- hypersonic** speed
- hypersonic** test apparatus
- hypersonic** vehicles
- hypersonic** wakes
- hypersonic** wind tunnels
- hypersonics**
- hyperspaces**
- hyperspheres**
- hypertensin**
- hypertension**
- hypertext**
- hyperthermia**
- hypertonia**
  - use* osmosis
- hypertrophy**
  - use* growth
- hypervelocity**
- hypervelocity** accelerators
  - use* hypervelocity guns
- hypervelocity** cratering
  - use* hypervelocity projectiles
  - projectile cratering
- hypervelocity** flow
- hypervelocity** guns

**hypervelocity** impact  
**hypervelocity** launchers  
**hypervelocity** projectiles  
**hypervelocity** wind tunnels  
**hyperventilation**  
**hypervolemia**  
**hypnosis**  
**hypobaric** atmospheres  
**hypocapnia**  
**hypodermis**  
**hypodynamia**  
**hypoeasticity**  
**hypoglycemia**  
**hypogravity**  
*use* microgravity  
**hypokinesia**  
**hypometabolism**  
**hypophysis**  
*use* pituitary gland  
**hypotension**  
**hypothalamus**  
**hypothermia**  
**hypotheses**  
**hypothesis**  
 expectancy  
 Gaia  
 intermittency  
 Lagrange similarity  
 null  
 vorticity transport  
**hypothetical** particles  
 Phaethon  
**(hypothetical planet)**  
*use* hypothetical planets  
**hypothetical** planets  
**hypotonia**  
**hypoventilation**  
**hypovolemia**  
**hypoxemia**  
**hypoxia**  
**hypsoigraphy**  
**hypsometers**  
**hysteresis**  
**HYTIME**  
*use* document markup languages

I

IMP- I  
*use* Explorer 43 satellite  
 Space Shuttle mission 51- I  
 AD/ I B  
*use* Explorer 25 satellite  
 I beams  
 p- i-n diodes  
 p- i-n junctions  
 H I regions  
 AD/ I satellite  
*use* Explorer 24 satellite  
 Population I stars  
**I2S** cameras  
 Cedar Rapids (IA)  
**lapetus**  
**IBM** 360 computer  
**IBM** 370 computer  
**IBM** 650 computer  
**IBM** 704 computer  
**IBM** 709 computer  
**IBM** 1130 computer  
**IBM** 1401 computer  
**IBM** 1410 computer  
**IBM** 1620 computer  
**IBM** 2250 computer  
**IBM** 7030 computer  
**IBM** 7040 computer  
**IBM** 7044 computer  
**IBM** 7070 computer  
**IBM** 7074 computer  
**IBM** 7090 computer  
**IBM** 7094 computer

**IBM** computers  
**IBM** PC  
*use* IBM personal computers  
**IBM** personal computers  
**Icarus** asteroid  
 Atlas **ICBM**  
 Atlas D **ICBM**  
 Atlas E **ICBM**  
 Atlas F **ICBM**  
 Minuteman **ICBM**  
 Titan **ICBM**  
 Titan 1 **ICBM**  
 Titan 2 **ICBM**  
**ICBM** (missiles)  
*use* intercontinental ballistic missiles  
**ice**  
**(ice)**  
 aufeis **ice**  
 bay **ice**  
 lake **ice**  
 land **ice**  
 pressure **ice**  
 sea **ice**  
**ice** clearings  
*use* polynyas  
**ice** clouds  
**ice** environments  
**ice** floes  
**ice** formation  
 air sea **ice** interactions  
**ice** mapping  
**ice** nuclei  
**ice** observation  
*use* ice reporting  
**ice** packs  
*use* sea ice  
**ice** prevention  
**ice** reporting  
 Ross **ice** shelf  
**ice** shelves  
*use* land ice  
**Ice**, Cloud and Land Elevation Satellite  
**icebergs**  
**Iceland**  
**Icelandic** space program  
**ICESat**  
*use* Ice, Cloud and Land Elevation Satellite  
**ichthyology**  
**icing**  
*use* ice formation  
 aircraft **icing**  
 wing **icing**  
*use* aircraft icing  
**ICL** computers  
**icosahedrons**  
**ICP-MS** (spectrometry)  
*use* inductively coupled plasma mass spectrometry  
 LA- **ICP-MS** (spectrometry)  
**icy** satellites  
 Yellowstone National Park **(ID-MT-WY)**  
 Columbia River Basin **(ID-OR-WA)**  
**Ida** asteroid  
**Idaho**  
**ideal** fluids  
**ideal** gas  
 crop **identification**  
 IFF systems **(identification)**  
 parameter **identification**  
 rapid ballistics **identification**  
 system **identification**  
 timber **identification**  
 Feature **Identification** and Location Exper  
**identify** friend or foe  
*use* IFF systems (identification)  
**identifying**  
**identities**



- immune systems
- immunity
- interference immunity
- immunoassay
- acquired immunodeficiency syndrome
- human immunodeficiency virus
- immunology
- immunosuppression
- IMP
- IMP-1
  - use* Explorer 18 satellite
- IMP-2
  - use* Explorer 21 satellite
- IMP-3
  - use* Explorer 28 satellite
- IMP-4
  - use* Explorer 34 satellite
- IMP-5
  - use* Explorer 41 satellite
- IMP-6
  - use* Explorer 43 satellite
- IMP-7
  - use* Explorer 47 satellite
- IMP-8
  - use* Explorer 50 satellite
- IMP-A
  - use* Explorer 18 satellite
- IMP-B
  - use* Explorer 21 satellite
- IMP-C
  - use* Explorer 28 satellite
- IMP-D
  - use* Explorer 33 satellite
- IMP-E
  - use* Explorer 35 satellite
- IMP-F
  - use* Explorer 34 satellite
- IMP-G
  - use* Explorer 41 satellite
- IMP-H
  - use* Explorer 47 satellite
- IMP-I
  - use* Explorer 43 satellite
- IMP-J
  - use* Explorer 50 satellite
- impact
- economic impact
- electron impact
- hypervelocity impact
- ion impact
- point impact
- proton impact
  - acceleration
  - damage
  - rain impact damage
  - deceleration
  - use* impact acceleration
  - fusion
  - loads
  - melts
  - Deep Impact Mission
  - prediction
  - ARIP (Impact prediction)
    - use* computerized simulation
    - impact prediction
  - IP (Impact prediction)
    - use* computerized simulation
  - automatic rocket impact predictors
    - use* computerized simulation
    - impact prediction
  - pressures
  - use* impact loads
  - resistance
  - sensitivity
  - use* impact resistance
  - strength
  - Charpy impact test
  - testing machines
  - tests
- impact tolerances
- impact velocity
- impactors
- meteorite impacts
  - use* meteorite collisions
- impairment
- IMPATT diodes
  - use* avalanche diodes
- impedance
- acoustic impedance
- electrical impedance
- mechanical impedance
- respiratory impedance
- impedance matching
- impedance measurement
- impedance probes
- impedance probes
- radio frequency ballasts (impedances)
- impeller blades
  - use* rotor blades (turbomachinery)
- impellers
- pump impellers
- imperfections
  - use* defects
- lattice imperfections
  - use* crystal defects
- Imperial Valley (CA)
- impingement
- jet impingement
- implantation
- heart implantation
- ion implantation
- implanted electrodes (biology)
- implication
- alternating direction implicit methods
- implosions
- impregnating
- improperly-posed problems (mathematics)
  - use* ill-posed problems (mathematics)
- Improved TIROS Operational Satellites
  - use* ITOS satellites
- improvement
- high impulse
- specific impulse
- total impulse
- impulse generators
- Variable Specific Impulse Magnetoplasma Rocket
  - use* VASIMR (propulsion system)
- finite impulse response filters
  - use* FIR filters
- infinite impulse response filters
  - use* IIR filters
- impulses
- electric impulses
  - use* electric pulses
- helicopter impulsive noise
  - use* blade slap noise
- impurities
- atmospheric impurities
  - use* air pollution
- IMS
  - use* International Magnetospheric Study
- inactivation
  - use* deactivation
- incandescence
- incendiary ammunition
- incentive techniques
- incentives
- contract incentives
- cost incentives
- incidence
- grazing incidence
- wave incidence control
- Grazing Incidence Solar Telescope
  - use* GRIST (telescope)
- grazing incidence telescopes
- incident radiation

	<b>incineration</b>		
	<i>use</i> incinerators		position <b>indicators</b>
	<b>incinerators</b>		PPI (position <b>indicators</b> )
	<b>inclination</b>		<i>use</i> plan position indicators
attitude	<b>(inclination)</b>		range <b>indicators</b>
pitch	<b>(inclination)</b>		<i>use</i> range finders
	<b>inclusions</b>		rate of climb <b>indicators</b>
	<b>incoherence</b>		spacecraft position <b>indicators</b>
	<b>incoherent</b> scatter radar		speed <b>indicators</b>
European	<b>Incoherent</b> Scatter Radar		temperature <b>indicators</b>
	<i>use</i> EISCAT radar system (Europe)		<i>use</i> indicating instruments
	<b>incoherent</b> scattering		temperature measuring instruments
	<b>income</b>		voltage variation <b>indicators</b>
	<b>incompatibility</b>		<i>use</i> voltmeters
	<b>incompressibility</b>		weight <b>indicators</b>
	<b>incompressible</b> boundary layer		West <b>Indies</b>
	<b>incompressible</b> flow		<b>indigenous</b> space materials utilization
	<b>incompressible</b> fluids		<i>use</i> in situ resource utilization
	<b>Inconel</b> (trademark)		<b>indium</b>
	<b>increasing</b>		<b>indium</b> alloys
runway	<b>incursions</b>		<b>indium</b> aluminum arsenides
	<b>indene</b>		<b>indium</b> antimonides
	<b>indentation</b>		<b>indium</b> arsenides
machine-	<b>independent</b> programs		<b>indium</b> compounds
Commonwealth of	<b>Independent</b> States		<b>indium</b> gallium arsenides
	<b>independent</b> variables		<b>indium</b> isotopes
absorptive	<b>index</b>		<b>indium</b> oxides
	<i>use</i> absorptivity		<b>indium</b> phosphates
environmental	<b>index</b>		<b>indium</b> phosphides
KP	<b>index</b>		<b>indium</b> selenides
leaf area	<b>index</b>		copper <b>indium</b> selenides
normalized difference vegetation	<b>index</b>		<b>indium</b> sulfides
Palmar sweat	<b>index</b>		<b>indium</b> tellurides
refractive	<b>index</b>		<b>indium-tin-oxide</b> semiconductors
	<i>use</i> refractivity		<i>use</i> ITO (semiconductors)
vegetative	<b>index</b>		<b>indoleacetic</b> acids
gradient	<b>index</b> devices		<b>indoles</b>
	<i>use</i> gradient index optics		<b>Indonesia</b>
graded	<b>index</b> optics		<b>Indonesian</b> space program
	<i>use</i> gradient index optics		<b>indoor</b> air pollution
gradient	<b>index</b> optics		laser- <b>induced</b> breakdown spectroscopy
	<b>indexes</b>		<b>induced</b> drag
KWIC	<b>indexes</b>		<b>induced</b> fluid flow
morphological	<b>indexes</b>		<i>use</i> fluid flow
psychological	<b>indexes</b>		laser <b>induced</b> fluorescence
	<i>use</i> psychological tests		pilot <b>induced</b> oscillation
	<b>indexes</b> (documentation)		self <b>induced</b> vibration
	<b>indexes</b> (ratios)		helical <b>inducers</b>
automatic	<b>indexing</b>		<b>inductance</b>
	<i>use</i> indexing (information science)		<b>induction</b>
document	<b>indexing</b>		magnetic <b>induction</b>
	<i>use</i> indexing (information science)		<b>induction</b> heating
machine aided	<b>indexing</b>		<b>induction</b> (mathematics)
	<i>use</i> indexing (information science)		<b>induction</b> motors
	<b>indexing</b> (information science)		magnetic <b>induction</b> probes
	<b>India</b>		<i>use</i> magnetic probes
	<b>Indian</b> Ocean		<b>induction</b> systems
	<b>Indian</b> space program		<i>use</i> intake systems
	<b>Indian</b> Space Research Organization		pulsed <b>inductive</b> thrusters
	<i>use</i> ISRO		<b>inductively</b> coupled plasma mass spectrometry
	<b>Indian</b> spacecraft		<b>inductors</b>
IRS	<b>(Indian</b> spacecraft)		<b>industrial</b> areas
	<i>use</i> Indian spacecraft		<b>industrial</b> energy
SEO	<b>(Indian</b> spacecraft)		<b>industrial</b> management
	<i>use</i> Indian spacecraft		<b>industrial</b> plants
	<b>Indiana</b>		<b>industrial</b> safety
American	<b>Indians</b>		<b>industrial</b> wastes
	<b>indicating</b> instruments		space <b>industrialization</b>
	<b>indication</b>		<b>industries</b>
	<b>indicators</b>		plants <b>(industries)</b>
approach	<b>indicators</b>		<i>use</i> industrial plants
attitude	<b>indicators</b>		aerospace <b>industry</b>
chemical	<b>indicators</b>		aircraft <b>industry</b>
cloud height	<b>indicators</b>		construction <b>industry</b>
flow direction	<b>indicators</b>		defense <b>industry</b>
helicopter attitude	<b>indicators</b>		logging <b>(industry)</b>
	<i>use</i> attitude indicators		process control <b>(industry)</b>
moving target	<b>indicators</b>		weapons <b>industry</b>
plan position	<b>indicators</b>		

government/	<b>industry</b> relations	<b>Information</b> Power Grid
	<b>inelastic</b> bodies	<i>use</i> grid computing (computer networks)
	<i>use</i> rigid structures	
	<b>inelastic</b> collisions	IPG (NASA) <b>Information</b> Power Grid
	<b>inelastic</b> scattering	<i>use</i> grid computing (computer networks)
	<b>inelastic</b> stress	<b>information</b> processing (biology)
	<b>inequalities</b>	<b>information</b> resources management
Schwartz	<b>inequality</b>	<b>information</b> retrieval
	<b>inert</b> atmosphere	indexing ( <b>information</b> science)
tungsten	<b>inert</b> gas welding	computer <b>information</b> security
	<i>use</i> gas tungsten arc welding	Earth Resources <b>Information</b> System
	<b>inert</b> gases	EOS data and <b>information</b> system
	<i>use</i> rare gases	<b>information</b> systems
	<b>inertia</b>	cockpit weather <b>information</b> systems
moments of	<b>inertia</b>	geographic <b>information</b> systems
	<b>inertia</b> bonding	management <b>information</b> systems
	<b>inertia</b> moments	<b>information</b> theory
	<i>use</i> moments of inertia	Shannon <b>information</b> theory
	<b>inertia</b> principle	<i>use</i> information theory
Mach	<b>inertia</b> principle	<b>information</b> transfer
	<b>inertia</b> wheels	<b>information</b> transmission
	<i>use</i> counter-rotating wheels	<i>use</i> data transmission
	<i>use</i> reaction wheels	<b>infrared</b> absorption
	<b>inertial</b> confinement fusion	<b>infrared</b> astronomy
	<b>inertial</b> coordinates	<b>Infrared</b> Astronomy Satellite
	<b>inertial</b> forces	<b>infrared</b> cirrus (astronomy)
	<i>use</i> inertia	<b>infrared</b> detectors
	<b>inertial</b> fusion (reactor)	forward looking <b>infrared</b> detectors
	<b>inertial</b> guidance	<i>use</i> FLIR detectors
strapdown	<b>inertial</b> guidance	<b>infrared</b> filters
	<b>inertial</b> measuring units	<b>infrared</b> horizon scanners
	<i>use</i> inertial platforms	<i>use</i> horizon scanners
	<b>inertial</b> navigation	infrared scanners
gimballess	<b>inertial</b> navigation	<b>infrared</b> imagery
	<b>inertial</b> platforms	<b>infrared</b> inspection
	<b>inertial</b> reference systems	<b>infrared</b> instruments
	<b>Inertial</b> Upper Stage	<b>infrared</b> interferometers
	<b>inertialess</b> steerable antennas	German <b>Infrared</b> Laboratory
	<b>infarction</b>	<b>infrared</b> lasers
myocardial	<b>infarction</b>	<b>infrared</b> masers
airborne	<b>infection</b>	<i>use</i> infrared lasers
	<b>infections</b>	quantum well <b>infrared</b> photodetectors
	<i>use</i> infectious diseases	<b>infrared</b> photography
	<b>infectious</b> diseases	color <b>infrared</b> photography
Born-	<b>Infeld</b> theory	<b>infrared</b> photometry
	<b>inference</b>	<b>infrared</b> radar
	<b>infestation</b>	<b>infrared</b> radiation
	<b>infiltration</b>	far <b>infrared</b> radiation
chemical vapor	<b>infiltration</b>	near <b>infrared</b> radiation
	<b>infinite</b> impulse response filters	<b>infrared</b> radiometers
	<i>use</i> IIR filters	<b>infrared</b> reflection
	<b>infinite</b> span wings	<b>infrared</b> scanners
	<b>infinity</b>	<b>infrared</b> signatures
H-	<b>infinity</b> control	<b>infrared</b> sources (astronomy)
	<b>inflatable</b> devices	<b>Infrared</b> Space Observatory (ISO)
	<i>use</i> inflatable structures	<b>infrared</b> spectra
	<b>inflatable</b> gliders	<b>infrared</b> spectrometers
	<b>inflatable</b> space structures	filter wheel <b>infrared</b> spectrometers
	<b>inflatable</b> spacecraft	<b>infrared</b> spectrophotometers
	<b>inflatable</b> structures	<b>infrared</b> spectroscopy
	<b>inflating</b>	visible <b>infrared</b> spin scan radiometer
	<b>inflection</b> points	<b>infrared</b> stars
crew procedures	<b>(inflight)</b>	<b>infrared</b> suppression
	<b>inflight</b> simulation	Wide-field <b>Infrared</b> Survey Explorer
	<i>use</i> in-flight simulation	Space <b>Infrared</b> Telescope Facility
	<b>influence</b> coefficient	Large <b>Infrared</b> Telescope on Spacelab
structural	<b>influence</b> coefficients	<i>use</i> LIRTS (telescope)
Atmospheric & Oceanographic	<b>influenza</b>	<b>infrared</b> telescopes
	<b>Inform</b> Sys	<b>infrared</b> tracking
	<b>information</b>	<b>infrared</b> windows
Fisher	<b>information</b>	<b>infrasonic</b> frequencies
selective dissemination of	<b>information</b>	resin film <b>infusion</b>
	<b>information</b> adaptive system	<b>ingestion</b>
	<b>information</b> analysis	spray <b>ingestion</b>
	<b>information</b> dissemination	<b>ingestion</b> (biology)
	<b>information</b> flow	<b>ingestion</b> (engines)
	<b>information</b> management	<b>ingots</b>
		<b>ingredients</b>

- ingress** (spacecraft passageway)
- inhabitants**
- mountain **inhabitants**
- inhalation**
  - use* respiration
- inhibition**
- poisoning (reaction **inhibition**)
- inhibition** (psychology)
- inhibitors**
- enzyme **inhibitors**
- wear **inhibitors**
- inhomogeneity**
- inhour** equation
- initial** value problems
  - use* boundary value problems
- initialisms**
  - use* abbreviations
- self **initiated** anti-aircraft missiles
  - use* SIAM missiles
- initiation**
- crack **initiation**
- Small Satellite Technology **Initiative**
  - use* small satellite technology
- initiators**
- initiators** (explosives)
- injection**
- beam **injection**
- carrier **injection**
- fluid **injection**
- fuel **injection**
- gas **injection**
- ion **injection**
- liquid **injection**
- secondary **injection**
- transearth **injection**
- translunar **injection**
- water **injection**
  - carburetors
  - use* carburetors
  - fuel injection
- charge **injection** devices
- injection** guidance
- injection** lasers
- injection** locking
- injection** molding
- barrier **injection** transit time diodes
  - use* Barritt diodes
- deep well **injection** (wastes)
- injectors**
- vortex **injectors**
- Injun** 1 satellite
- Injun** 3 satellite
- Injun** 4 satellite
- Injun** 5 satellite
  - use* Explorer 40 satellite
- Injun** Explorer
  - use* Explorer 25 satellite
- Air Density/ **Injun** Explorer B
  - use* Explorer 25 satellite
- Injun** satellites
- injuries**
- back **injuries**
- brain **injuries**
  - use* brain damage
- burns **(injuries)**
- crash **injuries**
- ejection **injuries**
- noise **injuries**
- radiation **injuries**
- spinal cord **injuries**
- whiplash **injuries**
- parachuting **injury**
- inks**
- inland** waters
- inlet** airframe configurations
- Cook **inlet** (AK)
- inlet** flow
- inlet** nozzles
- inlet** pressure
- inlet** temperature
- air **inlets**
  - use* air intakes
- conical **inlets**
- engine **inlets**
- hypersonic **inlets**
- internal compression **inlets**
- nose **inlets**
- side **inlets**
- supersonic **inlets**
- supersonic flow **inlets**
  - use* supersonic inlets
- transonic **inlets**
  - use* supersonic inlets
- inlets** (devices)
  - use* intake systems
- inlets** (topography)
- inliers** (landforms)
- INMARSAT** satellites
- inner** radiation belt
- inoculation**
- seeding **(inoculation)**
  - use* inoculation
- inoculum**
- azides **(inorganic)**
- inorganic** chemistry
- inorganic** coatings
- inorganic** compounds
- inorganic** materials
- inorganic** nitrates
- inorganic** peroxides
- inorganic** sulfides
- inositols**
- input**
- multiple **input** multiple output
  - use* MIMO (control systems)
- input** /output routines
- single **input** single output systems
  - use* SISO (control systems)
- INSAT** satellites
  - use* Indian spacecraft
- insect** damage
  - use* infestation
- insecticides**
- insects**
- insensitivity**
  - use* sensitivity
- insertion**
- orbit **insertion**
- insertion** loss
- inserts**
- nozzle **inserts**
- inshore** zones
  - use* beaches
- insolation**
- insomnia**
- inspection**
- infrared **inspection**
- x ray **inspection**
- Inspector** satellite
- inspiration**
- instability**
  - use* stability
- acoustic **instability**
- baroclinic **instability**
- combustion **instability**
  - use* combustion stability
- Goertler **instability**
- gravitational **instability**
- Kelvin-Helmholtz **instability**
- magnetospheric **instability**
- plasma **instability**
  - use* magnetohydrodynamic stability
- Taylor **instability**
- Taylor-Goertler **instability**
  - use* Goertler instability
- thermal **instability**
- Weibel **instability**

- whirl **instability**
  - use* rotary stability
- installation**
  - use* installing
- installation** manuals
- installing**
- instantons**
- institutions**
- computer assisted **instruction**
- programmed **instruction**
  - multiple **instruction** multiple data stream
    - use* MIMD (computers)
  - single **instruction** multiple datastream
    - use* SIMD (computers)
  - reduced **instruction** set computing
    - use* RISC processors
- instruction** sets (computers)
- instructions**
  - use* education
- instructors**
- instrument** approach
- instrument** compensation
- instrument** drift
  - use* drift (instrumentation)
- instrument** errors
- instrument** flight rules
- instrument** landing systems
- scientific **instrument** modules
  - use* SIM
- instrument** orientation
- instrument** packages
- instrument** receivers
- instrument** transformers
- instrument** transmitters
- instrumental** analysis
  - use* analyzing automation
- instrumentation**
  - use* instruments
- drift **(instrumentation)**
- ion traps **(instrumentation)**
- Advanced Range **Instrumentation** Aircraft
- Deep Space **Instrumentation** Facility
- DSIF **(instrumentation** facility)
  - use* Deep Space Instrumentation Facility
- Army-Navy **instrumentation** program
- Advanced Range **Instrumentation** Ship
- ARIS **instrumentation** ship
  - use* Advanced Range Instrumentation Ship
- instruments**
  - aircraft **instruments**
  - balloon-borne **instruments**
  - engine monitoring **instruments**
  - flight **instruments**
  - flight test **instruments**
  - indicating **instruments**
  - infrared **instruments**
  - landing **instruments**
  - measuring **instruments**
  - meteorological **instruments**
  - navigation **instruments**
  - optical measuring **instruments**
  - plotting **instruments**
    - use* plotters
  - potentiometers **(instruments)**
  - propellant actuated **instruments**
  - radiation measuring **instruments**
  - recording **instruments**
  - rocket-borne **instruments**
  - satellite **instruments**
  - satellite-borne **instruments**
  - shock measuring **instruments**
  - solar **instruments**
  - spacecraft **instruments**
  - surgical **instruments**
- temperature **instruments**
  - use* temperature measuring instruments
- temperature measuring **instruments**
- time measuring **instruments**
- turbine **instruments**
- insulated** structures
- insulating** materials
  - use* insulation
- insulation**
  - electrical **insulation**
  - multilayer **insulation**
  - thermal **insulation**
  - metal- **insulator**-metal diodes
  - metal- **insulator**-metal semiconductors
  - metal **insulator** semiconductors
    - use* MIS (semiconductors)
  - semiconductor **insulator** semiconductors
    - use* SIS (semiconductors)
  - silicon-on- **insulator** semiconductors
  - superconductor **insulator** superconductors
    - use* SIS (superconductors)
- insulators**
- insulin**
- insurance** (contracts)
- food **intake**
- intake** systems
  - air **intakes**
  - water **intakes**
- Intasat** satellite
- Diode-Transistor-Logic **integ** circuits
  - use* DTL integrated circuits
- transistor-transistor-logic **integ** circuits
  - use* TTL integrated circuits
- Integ** Med and Behavioral Lab Measur System
  - use* IMBLMS
- Integ** Program for Aerospace Veh Design
  - use* IPAD
- integers**
- J **integral**
- Jacobi **integral**
- phase-space **integral**
- Riemann **integral**
  - use* measure and integration
- Stieltjes **integral**
  - integral** calculus
  - integral** equations
- singular **integral** equations
- Cauchy **integral** formula
- integral** functions
  - use* entire functions
- boundary **integral** method
  - integral** rocket ramjets
  - integral** transformations
- integrals**
  - convolution **integrals**
  - elliptic **integrals**
    - use* elliptic functions
  - Fresnel **integrals**
  - Fresnel-Kirchhoff **integrals**
    - use* Fresnel integrals
  - transform **integrals**
    - use* integral transformations
- integrated** circuits
  - application specific **integrated** circuits
  - custom **integrated** circuits
    - use* application specific integrated circuits
  - DTL **integrated** circuits
  - linear **integrated** circuits
  - TTL **integrated** circuits
  - very high speed **integrated** circuits
    - use* VHSIC (circuits)
  - Submarine **Integrated** Control project
  - integrated** energy systems
  - integrated** global ocean station systems
  - integrated** library systems

	<b>Integrated</b> Maneuvering Life Support	high <b>intensity</b> lasers
	Sys	<i>use</i> high power lasers
	<i>use</i> IMLSS	field <b>intensity</b> meters
	<b>integrated</b> mission control center	Low <b>Intensity</b> X Ray Imaging Scopes
	<b>integrated</b> optics	<i>use</i> lixiscopes
FSOI	( <b>integrated</b> optics)	<b>interacting</b> galaxies
	<i>use</i> free-space optical interconnects	weakly <b>interacting</b> massive particles
Airborne	<b>Integrated</b> Reconnaissance System	blade-vortex <b>interaction</b>
	<b>Integrated</b> Truss Structure P1	configuration <b>interaction</b>
	<b>Integrated</b> Truss Structure S1	flame <b>interaction</b>
	<b>Integrated</b> Truss Structure Z1	<i>use</i> chemical reactions
Modular	<b>Integrated</b> Utility System	flame propagation
binary	<b>integration</b>	galaxy <b>interaction</b>
data	<b>integration</b>	<i>use</i> interacting galaxies
engine airframe	<b>integration</b>	photon-electron <b>interaction</b>
functional	<b>integration</b>	plasma-electromagnetic <b>interaction</b>
large scale	<b>integration</b>	shock wave <b>interaction</b>
measure and	<b>integration</b>	vortex-blade <b>interaction</b>
medium scale	<b>integration</b>	<i>use</i> blade-vortex interaction
numerical	<b>integration</b>	wave <b>interaction</b>
payload	<b>integration</b>	plasma <b>interaction</b> experiment
systems	<b>integration</b>	space plasma H/V <b>interaction</b> experiments
very large scale	<b>integration</b>	<i>use</i> SPHINX
Shuttle Avionics	<b>Integration</b> Laboratory	<b>interactional</b> aerodynamics
	<i>use</i> SAIL project	<b>interactions</b>
payload	<b>integration</b> plan	air land <b>interactions</b>
	<b>integration</b> (real variables)	air sea <b>interactions</b>
	<i>use</i> measure and integration	<i>use</i> air water interactions
	<b>integrators</b>	air sea ice <b>interactions</b>
digital	<b>integrators</b>	air water <b>interactions</b>
	<b>integrity</b>	atomic <b>interactions</b>
computer program	<b>integrity</b>	beam <b>interactions</b>
tensile-	<b>integrity</b> structures	beta <b>interactions</b>
	<i>use</i> tensegrity structures	<i>use</i> weak interactions (field theory)
	<b>integrodifferential</b> equations	electromagnetic <b>interactions</b>
	<i>use</i> differential equations	electron <b>interactions</b>
	integral equations	<i>use</i> electron scattering
	<b>Intel</b> 8080 microprocessor	electron phonon <b>interactions</b>
	<b>intellect</b>	elementary particle <b>interactions</b>
	<b>intellectual</b> property	fluid-solid <b>interactions</b>
	<b>intelligence</b>	gas-gas <b>interactions</b>
artificial	<b>intelligence</b>	gas-ion <b>interactions</b>
backpropagation (artificial	<b>intelligence</b> )	gas-liquid <b>interactions</b>
extraterrestrial	<b>intelligence</b> )	gas-metal <b>interactions</b>
knowledge bases (artificial	<b>intelligence</b> )	gas-solid <b>interactions</b>
Search for Extraterrestrial	<b>Intelligence</b>	high energy <b>interactions</b>
	<i>use</i> Project SETI	ion atom <b>interactions</b>
	<b>intelligence</b> tests	ion-gas <b>interactions</b>
	<b>intelligent</b> materials	<i>use</i> gas-ion interactions
	<i>use</i> smart materials	laser plasma <b>interactions</b>
	<b>intelligent</b> structures	laser target <b>interactions</b>
	<i>use</i> smart structures	man environment <b>interactions</b>
	<b>intelligibility</b>	meson-meson <b>interactions</b>
	<b>Intelsat</b> satellites	meson-nucleon <b>interactions</b>
	<b>intensification</b>	molecular <b>interactions</b>
	<i>use</i> amplification	nuclear <b>interactions</b>
	<b>intensifier</b> tubes	nucleon-nucleon <b>interactions</b>
	<i>use</i> image intensifiers	particle <b>interactions</b>
	<b>intensifiers</b>	plasma <b>interactions</b>
image	<b>intensifiers</b>	plasma-particle <b>interactions</b>
	<b>intensity</b>	proton-antiproton <b>interactions</b>
electron	<b>intensity</b>	rotor body <b>interactions</b>
	<i>use</i> electron flux density	rotor stator <b>interactions</b>
light	<b>intensity</b>	solar planetary <b>interactions</b>
	<i>use</i> luminous intensity	solar terrestrial <b>interactions</b>
luminescent	<b>intensity</b>	sound-sound <b>interactions</b>
	<i>use</i> luminous intensity	spin-orbit <b>interactions</b>
luminous	<b>intensity</b>	surface <b>interactions</b>
magnetic field	<b>intensity</b>	<i>use</i> surface reactions
	<i>use</i> magnetic flux	surface noise <b>interactions</b>
noise	<b>intensity</b>	wave-particle <b>interactions</b>
particle	<b>intensity</b>	weak energy <b>interactions</b>
radiant	<b>intensity</b>	electroweak <b>interactions</b> (field theory)
	<i>use</i> radiant flux density	strong <b>interactions</b> (field theory)
radiation	<b>intensity</b>	weak <b>interactions</b> (field theory)
	<i>use</i> radiant flux density	<b>interactive</b> control
sound	<b>intensity</b>	<b>interactive</b> graphics
stress	<b>intensity</b> factors	<i>use</i> computer graphics

- interactive** multimedia  
*use* multimedia  
 NASA **Interactive** Planning System  
 distributed **interactive** simulation  
**interannual** variations  
*use* annual variations  
**interatomic** forces  
**intercalation**  
**intercalibration**  
**interception**  
**Interceptor** aircraft  
*use* fighter aircraft  
**interceptors**  
 satellite **interceptors**  
**interconnection**  
*use* joining  
 free-space optical **interconnects**  
 optical **interconnects**  
**intercontinental** ballistic missiles  
**Intercosmos** satellites  
**intercranial** circulation  
**interdigital** transducers  
 application programming **interface**  
 graphical user **interface**  
 human-computer **interface**  
 man-computer **interface**  
*use* human-computer interface  
 user-computer **interface**  
*use* human-computer interface  
**interface** stability  
**interfaces**  
 fiber-matrix **interfaces**  
 gas-solid **interfaces**  
 liquid-liquid **interfaces**  
 liquid-solid **interfaces**  
 liquid-vapor **interfaces**  
 solid-solid **interfaces**  
**interfacial** energy  
**interfacial** strain  
*use* interfacial tension  
**interfacial** tension  
**interference**  
 aerodynamic **interference**  
 cochannel **interference**  
 electromagnetic **interference**  
 intersymbolic **interference**  
 radio **interference**  
*use* radio frequency interference  
 radio frequency **interference**  
 support **interference**  
**interference** drag  
**interference** factor table  
**interference** fit  
**interference** grating  
**interference** immunity  
**interference** lift  
**interference** monochromatization  
*use* diffraction  
 monochromatization  
**interferograms**  
*use* interferometry  
 Laser **Interferometer** Gravitational-Wave  
 Observatory  
*use* LIGO (observatory)  
 Laser **Interferometer** Space Antenna  
*use* LISA (observatory)  
**interferometers**  
 Fabry-Perot **interferometers**  
 infrared **interferometers**  
 Mach-Zehnder **interferometers**  
 Michelson **interferometers**  
 microwave **interferometers**  
 phase switching **interferometers**  
 radio **interferometers**  
 superconducting quantum **interferometers**  
*use* squid (detectors)  
**interferometry**  
 astronomical **interferometry**  
 differential **interferometry**
- holographic **interferometry**  
 laser **interferometry**  
 Moire **interferometry**  
 speckle **interferometry**  
 very long base **interferometry**  
 Orion (radio **interferometry** network)  
**interferon**  
**intergalactic** media  
**intergranular** corrosion  
**interim** stages (spacecraft)  
**interim** upper stage (STS)  
*use* Inertial Upper Stage  
 solar **interior**  
**interior** ballistics  
 Gravity Recovery and **Interior** Laboratory  
*use* GRAIL mission  
 aircraft **interiors**  
*use* aircraft compartments  
 stellar **interiors**  
**interlacing** drainage  
*use* drainage patterns  
**interlaminar** stress  
**interlayers**  
**interleukins**  
**interlocking**  
*use* locking  
**intermedia**  
*use* multimedia  
**intermediate** frequencies  
**intermediate** frequency amplifiers  
**intermediate** range ballistic missiles  
 reaction **intermediates**  
**intermetallics**  
**intermittency**  
**intermittency** hypothesis  
**intermodulation**  
**intermolecular** forces  
**intermontane** floors  
*use* valleys  
**internal** combustion engines  
**internal** compression inlets  
**internal** conversion  
**internal** energy  
**internal** flow  
**internal** friction  
**internal** pressure  
**internal** stress  
*use* residual stress  
**internal** waves  
**International** Cometary Explorer  
*use* International Sun Earth Explorer  
 3  
**International** Computers Limited  
*use* ICL computers  
**international** cooperation  
**International** Field Year for Great Lakes  
**International** Geophysical Year  
**International** Geosphere-Biosphere  
 program  
**International** Hydrological Decade  
**international** law  
**International** Magnetospheric Explorer  
**International** Magnetospheric Study  
**international** practical temperature  
*use* temperature scales  
**International** Quiet Sun Year  
**international** relations  
**International** Satellite Cloud Climatology  
*use* ISCCP Project  
**International** Satellite Geodesy  
 Experiment  
**International** Sats for Ionospheric Study  
*use* ISIS satellites  
**International** Solar Polar Mission  
*use* Ulysses mission  
**International** Space Station  
 MPLM (**International** Space Station)  
*use* Multi-Purpose Logistics Modules

- MSS **(International Space Station)**  
*use* Space Station Mobile Servicing System  
**International** Space Year  
**International** Sun Earth Explorer 1  
**International** Sun Earth Explorer 2  
**International** Sun Earth Explorer 3  
**International** Sun Earth Explorers  
**International** System of Units  
**international** trade  
**International** Ultraviolet Explorer  
*use* IUE
- IQSY **(international year)**  
*use* International Quiet Sun Year
- Internet** resources  
**internets**  
**internuclear** properties  
**interoperability**  
**interorbital** trajectories  
**interpersonal** relations  
*use* human relations  
**interphones**  
**interplanetary** communication  
**interplanetary** dust  
**Interplanetary** Explorer  
*use* Explorer 18 satellite  
**interplanetary** flight  
**interplanetary** gas  
**interplanetary** magnetic fields  
**interplanetary** medium  
**Interplanetary** Monitoring Platform  
*use* IMP  
**interplanetary** navigation  
**interplanetary** propulsion  
*use* interplanetary spacecraft  
rocket engines  
**interplanetary** shock waves  
**interplanetary** shocks  
*use* interplanetary shock waves  
**interplanetary** space  
**interplanetary** spacecraft  
**interplanetary** trajectories  
**interplanetary** transfer orbits  
**interpolation**  
**interpolators**  
*use* repeaters  
**interpretation**  
photograph **interpretation**  
*use* photointerpretation  
**interprocessor** communication  
**interrelationships**  
*use* relationships  
**interrogation**  
**interruption**  
**intersections**  
**interservice** data exchange program
- diffuse **interstellar** bands  
**interstellar** chemistry  
**interstellar** communication  
**interstellar** extinction  
**interstellar** gas  
**interstellar** magnetic fields  
**interstellar** masers  
**interstellar** matter  
**interstellar** microwave spectra  
*use* interstellar radiation  
microwave spectra  
**interstellar** radiation  
**interstellar** reddening  
*use* interstellar extinction  
**interstellar** space  
**interstellar** spacecraft  
**interstellar** travel  
**interstices**  
**interstitials**  
**intersymbolic** interference  
**intertropical** convergent zones
- multiple beam **interval** scanners  
**intervals**
- windows **(intervals)**  
**intervehicle** spacecrew transfer  
*use* spacecrew transfer  
**intervertebral** disks  
**intestines**  
**intoxication**  
**intracloud** discharges  
**intracranial** cavity  
**intracranial** pressure  
**intramolecular** structures  
**intraocular** pressure  
**intraorbit** transfer vehicles  
**intraseasonal** oscillations  
*use* intraseasonal variations  
**intraseasonal** variations  
light **intratheater** transport  
**intravascular** system  
**intravehicular** activity  
**intravenous** procedures  
**introversion**  
**Intruder** aircraft  
*use* A-6 aircraft  
**intrusion**  
**intrusion** detection (computers)  
**intrusions**  
rock **intrusive** measurement  
non- *use* nonintrusive measurement  
**Invader** aircraft  
*use* B-26 aircraft  
**invalidity**  
*use* errors  
**invariance**  
**invariance**  
**invariant** imbeddings  
**inventions**  
**inventories**  
crop **inventories**  
Crop **Inventories** by Remote Sensing  
*use* AgRISTARS project  
timber **inventory**  
**inventory** controls  
Large Area Crop **Inventory** Experiment  
**inventory** management  
**inverse** kinematics  
**inverse** scattering  
population **inversion**  
**inversions**  
magnetic field **inversions**  
temperature **inversions**  
**invertebrates**  
**inverted** converters (DC to AC)  
**inverters**  
static **inverters**  
**investigation**  
accident **investigation**  
aircraft accident **investigation**  
**investment**  
**investment** casting  
**investments**  
**inviscid** flow  
**invisibility**  
*use* visibility  
**involuntariness**  
*use* involuntary actions  
**involuntary** actions  
**involuntary** muscle  
*use* smooth muscle
- io**  
**iodates**  
lithium **iodates**  
**iodides**  
cesium **iodides**  
hafnium **iodides**  
niobium **iodides**  
potassium **iodides**  
silver **iodides**  
sodium **iodides**  
zirconium **iodides**  
**iodimetry**

	<b>iodine</b>		<b>ionic</b> reactions
	<b>iodine</b> 125		<b>ionic</b> waves
	<b>iodine</b> 131		<b>ionization</b>
	<b>iodine</b> 132	atmospheric	<b>ionization</b>
	<b>iodine</b> compounds	auroral	<b>ionization</b>
	<b>iodine</b> isotopes	electron	<b>ionization</b>
	<b>iodine</b> lasers		<i>use</i> ionization
chemical oxygen-	<b>iodine</b> lasers	flame	<b>ionization</b>
	<b>iodoacetic</b> acid	gas	<b>ionization</b>
	<b>ion</b> accelerators	meteoritic	<b>ionization</b>
	<b>ion</b> acoustic waves		<i>use</i> atmospheric ionization
	<b>ion</b> atom interactions		meteor trails
	<b>ion</b> beams	nonequilibrium	<b>ionization</b>
	<b>ion</b> chambers	surface	<b>ionization</b>
	<i>use</i> ionization chambers		<b>ionization</b> chambers
	<b>ion</b> channels (biology)		<b>ionization</b> coefficients
	<b>ion</b> charge		<b>ionization</b> counters
barium	<b>ion</b> clouds		<i>use</i> radiation counters
heavy	<b>ion</b> collisions		<b>ionization</b> cross sections
	<i>use</i> ionic collisions		<b>ionization</b> frequencies
	<b>ion</b> concentration		<b>ionization</b> gages
	<b>ion</b> currents	Bayard-Alpert	<b>ionization</b> gages
	<b>ion</b> cyclotron radiation	Philips	<b>ionization</b> gages
	<b>ion</b> density (concentration)		<b>ionization</b> potentials
ionospheric	<b>ion</b> density		<b>ionized</b> gases
magnetospheric	<b>ion</b> density		<b>ionized</b> plasmas
	<b>ion</b> distribution		<i>use</i> plasmas (physics)
	<b>ion</b> emission		<b>ionizers</b>
	<b>ion</b> engines		<b>ionizing</b> radiation
mercury	<b>ion</b> engines		<b>ionograms</b>
	<b>ion</b> exchange membrane electrolytes		<b>ionopause</b>
	<b>ion</b> exchange resins		<b>ionosondes</b>
	<b>ion</b> exchanging	Earth	<b>ionosphere</b>
	<b>ion</b> extraction	lower	<b>ionosphere</b>
	<b>ion</b> gages	lunar	<b>ionosphere</b>
	<i>use</i> ionization gages		<i>use</i> lunar atmosphere
	<b>ion-gas</b> interactions	upper	<b>ionosphere</b>
	<i>use</i> gas-ion interactions	polar	<b>ionosphere</b> beacon
	<b>ion</b> impact		<i>use</i> Beacon satellites
	<b>ion</b> implantation	magnetosphere-	<b>ionosphere</b> coupling
	<b>ion</b> injection		<b>ionosphere</b> Explorer A
gas-	<b>ion</b> interactions		<i>use</i> Explorer 20 satellite
	<b>ion</b> irradiation		<b>ionosphere-magnetosphere</b> coupling
retarding	<b>ion</b> mass spectrometers		<i>use</i> magnetosphere-ionosphere coupling
	<i>use</i> mass spectrometers		
secondary	<b>ion</b> mass spectrometry	Earth-	<b>ionosphere</b> waveguide
	<b>ion</b> microscopes		<b>ionospheres</b>
	<b>ion</b> mobility spectroscopy	planetary	<b>ionospheres</b>
	<b>ion</b> motion		<b>ionospheric</b> absorption
	<b>ion</b> optics		<i>use</i> electromagnetic absorption
	<b>ion</b> oscillation		ionospheric propagation
	<i>use</i> plasma oscillations		<b>ionospheric</b> blackout
	<b>ion</b> plating		<i>use</i> blackout (propagation)
	<b>ion</b> probes		<b>ionospheric</b> composition
	<b>ion</b> production rates		<b>ionospheric</b> conductivity
	<b>ion</b> propulsion		<b>ionospheric</b> cross modulation
	<b>ion</b> pumps		<b>ionospheric</b> currents
	<b>ion</b> recombination		<b>ionospheric</b> disturbances
electron-	<b>ion</b> recombination	SID	<b>(ionospheric)</b> disturbances)
	<b>ion</b> scattering		<i>use</i> sudden ionospheric disturbances
	<b>ion</b> selective electrodes	sudden	<b>ionospheric</b> disturbances
	<b>ion</b> sheaths	traveling	<b>ionospheric</b> disturbances
	<b>ion</b> sources		<b>ionospheric</b> drift
	<b>ion</b> spectrometers		<b>ionospheric</b> electron density
	<i>use</i> mass spectrometers		<b>ionospheric</b> F-scatter propagation
	<b>ion</b> storage		<b>ionospheric</b> heating
	<b>ion</b> stripping		<b>ionospheric</b> ion density
	<b>ion</b> temperature		<b>ionospheric</b> noise
radio frequency	<b>ion</b> thruster engines		<b>ionospheric</b> propagation
	<i>use</i> RIT engines		<b>ionospheric</b> reflection
	<b>ion</b> traps (instrumentation)		<i>use</i> ionospheric propagation
	<b>ionic</b> collisions	orbiting radio beacon	<b>ionospheric</b> sounder
	<b>ionic</b> conductivity		<i>use</i> ORBIS
	<i>use</i> ion currents		<b>ionospheric</b> sounding
	<b>ionic</b> crystals		<b>ionospheric</b> storms
	<b>ionic</b> diffusion	International Sats for	<b>ionospheric</b> Study
	<b>ionic</b> mobility		<i>use</i> ISIS satellites
	<b>ionic</b> propellants		<b>ionospheric</b> temperature
	<i>use</i> ion engines		<b>ionospheric</b> tilts

- ionospherics**
- ions**
- cesium **ions**
- dipolar **ions**
  - use* zwitterions
- ferric **ions**
- formyl **ions**
- heavy **ions**
- helium **ions**
- hydrogen **ions**
- hydronium **ions**
- light **ions**
- manganese **ions**
- metal **ions**
- molecular **ions**
- multicharged **ions**
  - use* ions
- negative **ions**
- nitrogen **ions**
- oxygen **ions**
- positive **ions**
- recoil **ions**
- trivalent **ions**
- Iowa**
- IP** (impact prediction)
  - use* computerized simulation
- IPAD**
- IPG** (NASA Information Power Grid)
  - use* grid computing (computer networks)
- IQSY** (international year)
  - use* International Quiet Sun Year
- Stratospheric Observatory for **IR** Astronomy
  - use* SOFIA (airborne observatory)
- IR** lasers
  - use* infrared lasers
- Iran**
- Iraq**
- IRAS**
  - use* Infrared Astronomy Satellite
- IRAS-Araki-Alcock** comet
- irasers**
  - use* infrared lasers
- IRBM** (missiles)
  - use* intermediate range ballistic missiles
- Ireland**
- Northern **Ireland**
- iridescence**
- iridium**
- iridium** alloys
- iridium** compounds
- iridium** isotopes
- iridium** network
- iridium** satellites
  - use* communication satellites
  - Iridium network
- IRIS** satellites
- irises** (mechanical apertures)
- IRM**
  - use* information resources management
- iron**
- iron** 57
- iron** 58
- iron** 59
- iron** alloys
- iron** aluminides
- nickel **iron** batteries
- iron** chlorides
- iron** compounds
- iron** cyanides
- yttrium- **iron** garnet
- iron** isotopes
- iron** meteorites
- stony- **iron** meteorites
- iron** ores
- iron** oxides
- Iroquois** helicopter
  - use* UH-1 helicopter
- Nike- **Iroquois** rocket vehicle
- irradiance**
- irradiation**
- auroral **irradiation**
- deuteron **irradiation**
- electron **irradiation**
- ion **irradiation**
- neutron **irradiation**
- proton **irradiation**
- x ray **irradiation**
- irrationality**
- irregular** galaxies
- irregular** variable stars
- irregularities**
- irreversible** processes
- irrigation**
- irritation**
- irrotational** flow
  - use* potential flow
- IRS** (Indian spacecraft)
  - use* Indian spacecraft
- ISAGEX**
  - use* International Satellite Geodesy Experiment
- ISCCP** Project
- First **ISCCP** Regional Experiment
  - use* FIRE (climatology)
- ischemia**
- ISEE**
  - use* International Sun Earth Explorers
- isentrope**
- isentropic** processes
- Ising** model
- ISIS-A**
- ISIS-B**
- ISIS** satellites
- ISIS-X**
- Iskra** aircraft
  - use* TS-11 aircraft
- Johnston **Island**
- New Guinea **(island)**
- Prince Edward **Island**
- Rhode **Island**
- Wallops **Island**
- island** arcs
- Merritt **Island** (FL)
- Assateague **Island** (MD-VA)
- Long **Island** (NY)
- Block **Island** Sound (RI)
- islands**
- Canary **Islands**
- heat **islands**
- keys **(islands)**
- Kurile **Islands**
- magnetic **islands**
- Maldiva **Islands**
- Pacific **islands**
- Virgin **Islands**
- Aleutian **Islands** (US)
- ISMU** (resource utilization)
  - use* in situ resource utilization
- Infrared Space Observatory **(ISO)**
- isobars**
- nuclear **isobars**
- isobars** (pressure)
- isobutane**
  - use* butanes
- isobutylene**
  - use* butenes
- isochoric** processes
- isochromatics**
- Oak Ridge **isochronous** cyclotron
- isocyanates**
- isoelectronic** sequence
- isoenergetic** processes
- isolation**
- social **isolation**

	<b>isolators</b>	molybdenum	<b>isotopes</b>
vibration	<b>isolators</b>	neodymium	<b>isotopes</b>
	<b>isomerization</b>	neon	<b>isotopes</b>
	<b>isomers</b>	neptunium	<b>isotopes</b>
	<b>isomorphism</b>	nickel	<b>isotopes</b>
	<b>isoparametric</b> finite elements	niobium	<b>isotopes</b>
	<b>isoperimetric</b> problem	nitrogen	<b>isotopes</b>
	<b>isophotes</b>	nobelium	<b>isotopes</b>
	<b>isopleths</b>	osmium	<b>isotopes</b>
	<i>use</i> nomographs	oxygen	<b>isotopes</b>
	<b>isopropyl</b> alcohol	palladium	<b>isotopes</b>
	<b>isopropyl</b> compounds	phosphorus	<b>isotopes</b>
	<b>isopropyl</b> nitrate	platinum	<b>isotopes</b>
	<b>isopycnic</b> processes	plutonium	<b>isotopes</b>
	<b>isostasy</b>	polonium	<b>isotopes</b>
hot	<b>isostatic</b> pressing	potassium	<b>isotopes</b>
	<b>isostatic</b> pressure	praseodymium	<b>isotopes</b>
	<b>isosteric</b> processes	promethium	<b>isotopes</b>
	<i>use</i> isopycnic processes	protactinium	<b>isotopes</b>
	<b>isotensoid</b> structures	radioactive	<b>isotopes</b>
	<b>isothermal</b> flow	radium	<b>isotopes</b>
	<b>isothermal</b> layers	radon	<b>isotopes</b>
	<b>isothermal</b> processes	rhenium	<b>isotopes</b>
	<b>isotherms</b>	rhodium	<b>isotopes</b>
	<b>isotonicity</b>	rubidium	<b>isotopes</b>
	<b>isotope</b> abundance ratios	ruthenium	<b>isotopes</b>
	<i>use</i> isotope ratios	samarium	<b>isotopes</b>
	<b>isotope</b> effect	scandium	<b>isotopes</b>
	<b>isotope</b> ratios	selenium	<b>isotopes</b>
high flux	<b>isotope</b> reactors	silicon	<b>isotopes</b>
	<b>isotope</b> separation	silver	<b>isotopes</b>
	<b>isotope</b> shift	sodium	<b>isotopes</b>
	<i>use</i> isotope effect	strontium	<b>isotopes</b>
	<b>isotopes</b>	sulfur	<b>isotopes</b>
aluminum	<b>isotopes</b>	tantalum	<b>isotopes</b>
americium	<b>isotopes</b>	technetium	<b>isotopes</b>
antimony	<b>isotopes</b>	tellurium	<b>isotopes</b>
argon	<b>isotopes</b>	terbium	<b>isotopes</b>
arsenic	<b>isotopes</b>	thallium	<b>isotopes</b>
astatine	<b>isotopes</b>	thorium	<b>isotopes</b>
barium	<b>isotopes</b>	thulium	<b>isotopes</b>
beryllium	<b>isotopes</b>	tin	<b>isotopes</b>
bismuth	<b>isotopes</b>	titanium	<b>isotopes</b>
boron	<b>isotopes</b>	tungsten	<b>isotopes</b>
bromine	<b>isotopes</b>	uranium	<b>isotopes</b>
cadmium	<b>isotopes</b>	vanadium	<b>isotopes</b>
calcium	<b>isotopes</b>	xenon	<b>isotopes</b>
californium	<b>isotopes</b>	ytterbium	<b>isotopes</b>
carbon	<b>isotopes</b>	yttrium	<b>isotopes</b>
cerium	<b>isotopes</b>	zinc	<b>isotopes</b>
cesium	<b>isotopes</b>	zirconium	<b>isotopes</b>
chromium	<b>isotopes</b>	<b>isotopic</b> analysis (quantitative)	
cobalt	<b>isotopes</b>	<i>use</i> isotope ratios	
copper	<b>isotopes</b>	<b>isotopic</b> enrichment	
curium	<b>isotopes</b>	<b>isotopic</b> labeling	
dysprosium	<b>isotopes</b>	<b>isotopic</b> spin	
erbium	<b>isotopes</b>	<b>isotropic</b> media	
europium	<b>isotopes</b>	<b>isotropic</b> turbulence	
fluorine	<b>isotopes</b>	<b>isotropism</b>	
gadolinium	<b>isotopes</b>	<b>isotropy</b>	
gallium	<b>isotopes</b>	spatial <b>isotropy</b>	
germanium	<b>isotopes</b>	<i>use</i> isotropy	
gold	<b>isotopes</b>	spatial distribution	
hafnium	<b>isotopes</b>	<b>Israel</b>	
helium	<b>isotopes</b>	<b>Israeli</b> space program	
holmium	<b>isotopes</b>	<b>Israeli</b> spacecraft	
hydrogen	<b>isotopes</b>	<b>ISRO</b>	
indium	<b>isotopes</b>	<b>ISRU</b> (resource utilization)	
iodine	<b>isotopes</b>	<i>use</i> in situ resource utilization	
iridium	<b>isotopes</b>	Canadarm ( <b>ISS</b> )	
iron	<b>isotopes</b>	<i>use</i> Space Station Mobile Servicing System	
krypton	<b>isotopes</b>	CETA cart ( <b>ISS</b> )	
lanthanum	<b>isotopes</b>	<i>use</i> Crew Equipment Translation Aid (ISS)	
lead	<b>isotopes</b>	Crew Equipment Translation Aid ( <b>ISS</b> )	
lithium	<b>isotopes</b>	Donatello Logistics Module ( <b>ISS</b> )	
lutetium	<b>isotopes</b>	<i>use</i> Multi-Purpose Logistics Modules	
magnesium	<b>isotopes</b>		
manganese	<b>isotopes</b>		
mercury	<b>isotopes</b>		

Leonardo Logistics Module **(ISS)**  
*use* Multi-Purpose Logistics Modules

Mobile Servicing System **(ISS)**  
*use* Space Station Mobile Servicing System

Raffaello Logistics Module **(ISS)**  
*use* Multi-Purpose Logistics Modules

Service Module **(ISS)**

US Laboratory Module **(ISS)**  
*use* Destiny Laboratory Module

**ISS** (space station)  
*use* International Space Station

**isthmuses**

**ISY**  
*use* International Space Year

**Italian** space program

**Italy**

**itching**

**iteration**

**iterative** networks

**iterative** solution

**ITO** (semiconductors)

**ITOS 1**

**ITOS 2**

**ITOS 3**

**ITOS 4**

**ITOS** satellites

**IUE**

**IUS**  
*use* Inertial Upper Stage

Modcomp **IV** computer

**Ivory** Coast  
*use* Cote d'Ivoire

**Ivuna** meteorite

**Izsak** ellipsoid  
*use* ellipsoids  
 geodesy

**J**

IMP- **J**  
*use* Explorer 50 satellite

OSO- **J**  
*use* OSO-8

Space Shuttle mission 51- **J**

**J-2** engine

**J-33** engine

**J-34** engine

**J-47** engine

**J-52** engine

**J-57** engine

**J-58** engine

**J-65** engine

**J-69-T-25** engine

**J-71** engine

**J-73** engine

**J-75** engine

**J-79** engine

**J-85** engine

**J-93** engine

**J-97** engine

**J** integral

**J93-MJ252H** engine  
*use* J-93 engine

**J93-MJ280G** engine  
*use* J-93 engine

**Jabiru** rocket vehicle  
*use* Jaguar rocket vehicle

**jackets**

**jacking** equipment  
*use* jacks (lifts)

**jacks**

**jacks** (electrical)  
*use* electric connectors

**jacks** (lifts)

Hamilton- **Jacobi** equation

**Jacobi** integral

**Jacobi** matrix method

**Jacobi** polynomials  
*use* hypergeometric functions

**Jaguar** aircraft

**Jaguar** rocket vehicle

**Jahn-Teller** effect

**Jamaica**

**James** Webb Space Telescope

**jammers**

**jamming**

**Janus**

**Janus** Reactor

**Janus** spacecraft

**Japan**

Sea of **Japan**

Kibo **Japanese** Experiment Module

**Japanese** space program

**Japanese** spacecraft

MOS (**Japanese** spacecraft)  
*use* Japanese spacecraft

**jarring**  
*use* mechanical shock

**JAS-39** aircraft

**JATO** engines

**Java** (programming language)

**Javelin** aircraft  
*use* GA-5 aircraft

**Javelin** rocket vehicle

Nike- **Javelin** rocket vehicle

**Jayhawk** helicopter  
*use* H-60 Helicopter

**JC-130** aircraft  
*use* C-130 aircraft

**Jeans** theory

**jeeps**  
*use* automobiles

**jerboas**

New **Jersey**

**jet** aircraft

Alpha **jet** aircraft

Lear **jet** aircraft

**jet** aircraft noise

**jet** airstreams  
*use* jet streams (meteorology)

**jet** amplifiers

fluid **jet** amplifiers  
*use* fluid amplifiers  
 jet amplifiers

**jet** assisted takeoff  
*use* JATO engines

**jet** augmented wing flaps  
*use* jet flaps  
 wing flaps

reaction **jet** backpacks  
*use* self maneuvering units

**jet** blast effects

**jet** boundaries

**jet** condensers

**jet** control

**jet** damping  
*use* damping  
 spin reduction

**Jet** Dragon aircraft  
*use* DH 125 aircraft

**jet** drive  
*use* jet propulsion

**jet** engine fuels

**jet** engines

arc **jet** engines

pulsed **jet** engines

**jet** exhaust

hot **jet** exhaust  
*use* high temperature gases  
 jet exhaust

**jet** flames  
*use* flames  
 jet flow

**jet** flaps

**jet** flight  
*use* jet aircraft

- jet flow  
 peripheral **jet** flow  
 supersonic **jet** flow  
 JP-4 **jet** fuel  
 JP-5 **jet** fuel  
 JP-6 **jet** fuel  
 JP-7 **jet** fuel  
 JP-8 **jet** fuel  
**jet** fuels  
   *use* jet engine fuels  
**jet** impingement  
**jet** lag  
**jet** lift  
**jet** membrane process  
**jet** mixing flow  
**jet** noise  
   *use* jet aircraft noise  
**jet** nozzles  
**jet** pilots  
   *use* aircraft pilots  
**jet** propulsion  
**jet** provost aircraft  
**jet** pumps  
**Jet** Star aircraft  
   *use* C-140 aircraft  
**jet** streams (meteorology)  
 plasma **jet** synthesis  
   **jet** thrust  
 L-29 **jet** trainer  
   **jet** vanes  
 plasma **jet** wind tunnels  
**jetavators**  
   *use* guide vanes  
**jets**  
   air **jets**  
   exhaust **jets**  
     *use* exhaust gases  
   fluid **jets**  
   free **jets**  
   gas **jets**  
   hot **jets**  
     *use* jet flow  
   hydraulic **jets**  
   laminar **jets**  
     *use* jet flow  
       laminar flow  
 particle laden **jets**  
 plasma **jets**  
 reaction **jets**  
   *use* jet flow  
   jet thrust  
 turbulent **jets**  
 two dimensional **jets**  
   vapor **jets**  
   wall **jets**  
   water **jets**  
     *use* hydraulic jets  
 radio **jets** (astronomy)  
**Jetstream** aircraft  
**jetties**  
   *use* breakwaters  
**jettison** systems  
**jettisoning**  
**JF** 101 aircraft  
   *use* F-101 aircraft  
**JFET**  
**jigs**  
**Jikiken** satellite  
   *use* EXOS-B satellite  
**jimsphere** balloons  
**Jindivik** target aircraft  
**jitter**  
   *use* vibration  
 San **Joaquin** Valley (CA)  
**jobs**  
   *use* tasks  
**Jodrell** Bank Observatory  
 Little **Joe** 2 launch vehicle  
 Honest **John** rocket vehicle  
 Little **John** rocket vehicle  
**Johnston** Island  
**joined** wings  
**joining**  
**Joint** European Torus  
 bolted **joints**  
 bonded **joints**  
 butt **joints**  
   lap **joints**  
   metal **joints**  
   riveted **joints**  
   scarf **joints**  
   seams **(joints)**  
 soldered **joints**  
 welded **joints**  
   **joints** (anatomy)  
   **joints** (junctions)  
 Lennard- **Jones** gas  
 Lennard- **Jones** potential  
**Jordan**  
**Jordan** form  
**Josephson** effect  
**Josephson** junctions  
**Josephson** tunneling  
   *use* Josephson effect  
 Chapman- **Jouget** flame  
   *use* chemical equilibrium  
   detonation  
   flame propagation  
 Kutta- **Joukowski** condition  
**Joukowski** transformation  
**Joule** heating  
   *use* ohmic dissipation  
   resistance heating  
**Joule-Thomson** effect  
**journal** bearings  
**journals**  
**journals** (documents)  
   *use* periodicals  
**journals** (shafts)  
   *use* shafts (machine elements)  
**JP-4** jet fuel  
**JP-5** jet fuel  
**JP-6** jet fuel  
**JP-7** jet fuel  
**JP-8** jet fuel  
 San **Juan** Mountains (CO)  
**judgments**  
**Judi-Dart** rocket  
**juices**  
 Madden- **Julian** Oscillation  
**jumpers**  
**junction** diodes  
**junction** field effect transistors  
   *use* JFET  
 vertical **junction** solar cells  
**junction** transistors  
**junctions**  
   joints **(junctions)**  
   Josephson **junctions**  
   MBM **junctions**  
   metal-barrier-metal **junctions**  
     *use* MBM junctions  
   n-n **junctions**  
   n-p **junctions**  
     *use* p-n junctions  
   n-p-n **junctions**  
   p-i-n **junctions**  
   p-n **junctions**  
   p-n-p **junctions**  
   p-n-p-n **junctions**  
   semiconductor **junctions**  
   silicon **junctions**  
   silicon-on-sapphire **junctions**  
     *use* SOS (semiconductors)  
 tunnel **junctions**  
**jungles**  
   *use* tropical regions  
**Juno** 1 launch vehicle

**Juno** 2 launch vehicle  
**Juno** launch vehicles  
**Juno** mission  
**Jupiter** atmosphere  
**Jupiter** C rocket vehicle  
**Jupiter** missile  
**Jupiter** (planet)  
**Jupiter** probes  
**Jupiter** project  
**Jupiter** red spot  
**Jupiter** rings  
**Jupiter** satellites  
 Mariner **Jupiter**-Saturn flyby  
 Mariner **Jupiter**-Uranus flyby  
 law **(jurisprudence)**  
**JWST** (observatory)  
*use* James Webb Space Telescope

**K**

vitamin **K**  
*use* phyloquinone  
**K** band  
*use* extremely high frequencies  
**k**-epsilon turbulence model  
**K** lines  
**k**-mesons  
*use* kaons  
**k**-omega turbulence model  
**K** stars  
**K-T** boundary  
*use* Cretaceous-Tertiary boundary  
**KA** band  
*use* extremely high frequencies  
**Kakutani** theorem  
**Kalahari** Basin (Africa)  
**Kalman** filters  
**Kalman**-Schmidt filtering  
**kamacite**  
**Kaman** aircraft  
**Kaman** UH-2A helicopter  
*use* UH-2 helicopter  
**Kampuchea**  
*use* Cambodia  
**Kansas**  
 St Louis- **Kansas** City Corridor (MO)  
**kaolinite**  
**kaon** production  
**kaons**  
**Kapitza** resistance  
 Vegard- **Kaplan** bands  
**Kapoeta** achondrite  
**Kappa** 8 rocket vehicle  
**Kappa** 9 rocket vehicle  
**kappa**-epsilon turbulence model  
*use* k-epsilon turbulence model  
**kappa**-omega turbulence model  
*use* k-omega turbulence model  
**Kappa** rocket vehicles  
**Kapton** (trademark)  
**Karhunen**-Loeve expansion  
**Karl** Fischer reagent  
**Karman**-Bodewadt flow  
 Von **Karman** equation  
**Karman** vortex street  
**karst**  
**Kawasaki** aircraft  
**Kazakhstan**  
**KC-130** aircraft  
*use* C-130 aircraft  
**KC-135** aircraft  
*use* C-135 aircraft  
**keels**  
 sea **keeping**  
**KEL-F**  
**kelp**  
*use* seaweeds  
**Kelvin**-Helmholtz instability

**Kelvin** waves  
 Cape **Kennedy** launch complex  
**Kentucky**  
**Kenya**  
**Kepler** laws  
**Kepler** mission  
**keratins**  
**keratitis**  
**kernel** functions  
**kerogen**  
**kerosene**  
**Kerr** cells  
**Kerr** effects  
**Kerr** electrooptical effect  
**Kerr** magnetooptical effect  
**Kestrel** aircraft  
*use* P-1127 aircraft  
**ketenes**  
**ketones**  
**kettles** (geology)  
**Kevlar** (trademark)  
**keying**  
 binary phase shift **keying**  
 biphasic shift **keying**  
*use* binary phase shift keying  
 frequency shift **keying**  
 phase shift **keying**  
 quadrature phase shift **keying**  
*use* quadrature phase shift keying  
 quadrature phase shift **keying**  
**keys** (islands)  
**Kibo** Japanese Experiment Module  
**kick** motors  
*use* apogee boost motors  
**kidney** calculi  
*use* kidney stones  
**kidney** diseases  
**kidney** stones  
**kidneys**  
**kilometer** wave orbiting telescope  
**kilometric** waves  
**kimberlite**  
*use* biotite  
 peridotite  
**kinematic** equations  
**kinematics**  
 body **kinematics**  
 inverse **kinematics**  
**kinescopes**  
*use* picture tubes  
**kinesthesia**  
**kinesthesia**  
*use* proprioception  
**kinetic** energy  
**kinetic** equations  
**kinetic** friction  
**kinetic** heating  
**kinetic** theory  
**kinetics**  
 chemical **kinetics**  
*use* reaction kinetics  
 reaction **kinetics**  
 Sea **King** helicopter  
*use* SH-3 helicopter  
 United **Kingdom**  
 United **Kingdom** satellites  
*use* UK satellites  
 USNS **Kingsport**  
*use* satellite communications ships  
**kink** bands  
**kinking**  
**kinofom**  
 Congo **(Kinshasa)**  
*use* Democratic Republic of Congo  
**Kirchhoff**-Helmholtz flow  
*use* pipe flow  
**Kirchhoff**-Huygens principle  
*use* diffraction  
 wave propagation

- Fresnel- **Kirchhoff** integrals  
*use* Fresnel integrals  
**Kirchhoff** law  
**Kirchhoff** law of networks  
**Kirchhoff** law of radiation  
**Kirkendall** effect  
**kite** balloons  
*use* tethered balloons  
**kits**  
**KIWI** B reactors  
**KIWI** B-1 Reactor  
**KIWI** B-4 Reactor  
**KIWI** reactors  
**KIWI** rocket reactors  
*use* KIWI reactors  
**Kjeldahl** method  
**Klebsiella**  
**Klein-Dunham** potential  
**Klein-Gordon** equation  
**klippen**  
*use* outliers (landforms)  
**klystrons**  
**knee** (anatomy)  
Sea **Knight** helicopter  
*use* CH-46 helicopter  
Black **Knight** rocket vehicle  
**knight** shift  
*use* nuclear magnetic resonance  
**knobs**  
**knockout** mice  
**Knoop** hardness  
**knowledge**  
**knowledge** based systems  
**knowledge** bases (artificial intelligence)  
**knowledge** discovery  
*use* data mining  
**knowledge** extraction  
*use* data mining  
**knowledge** representation  
**Knudsen** cells  
*use* Knudsen gages  
**Knudsen** flow  
**Knudsen** gages  
**Knudsen** number  
*use* Knudsen flow  
**knurling**  
**Kohoutek** comet  
**Kolmogorov-Smirnov** test  
**Kolmogorov** theory  
**Kondo** effect  
Hong **Kong**  
Democratic Peoples Republic of **Korea**  
*use* North Korea  
North **Korea**  
Republic of **Korea**  
*use* South Korea  
South **Korea**  
**Korteweg-Devries** equation  
**Kossel** pattern  
**Kovar** (trademark)  
**KP** index  
**Kraft** process (woodpulp)  
Wentzel- **Kramer-Brillouin** method  
**Kramers-Kronig** formula  
**Krebs** cycle  
**kreep**  
**kriging**  
**Kronecker** product  
*use* orthogonality  
Kramers- **Kronig** formula  
**Krook** equation  
Bhatnagar-Grass- **Krook** model  
**Krueger** flaps  
*use* leading edge flaps  
**krypton**  
**krypton** 85  
**krypton** fluoride lasers  
**krypton** isotopes  
**KS-3** aircraft  
*use* S-3 aircraft  
**KU** band  
*use* superhigh frequencies  
**Kuiper** Airborne Observatory  
**Kuiper** belt  
**Kurile** Islands  
**kurtosis**  
**Kutta-Joukowski** condition  
Runge- **Kutta** method  
**Kuwait**  
**Kvant** modules  
**KWIC** indexes  
Tennessee Valley (AL- **KY-TN**)  
**Kyokko** satellite  
*use* EXOS-A satellite  
**Kyrgyzstan**
- ## L
- Space Shuttle mission 51- **L**  
Cessna **L-19** aircraft  
**L-28** aircraft  
*use* U-10 aircraft  
**L-29** aircraft  
*use* L-29 jet trainer  
Omnipol **L-29** aircraft  
*use* L-29 jet trainer  
**L-29** jet trainer  
**L-1011** aircraft  
**L-2000** aircraft  
Lockheed **L-2000** aircraft  
*use* L-2000 aircraft  
**L** band  
*use* ultrahigh frequencies  
passive **L-band** radiometers  
**L-Sat**  
Atchafalaya River Basin **(LA)**  
Lake Pontchartrain **(LA)**  
Mississippi Delta **(LA)**  
**LA-ICP-MS** (spectrometry)  
*use* inductively coupled plasma mass spectrometry  
commerce **lab**  
sortie **lab**  
*use* sortie systems  
Integ Med and Behavioral **Lab** Measur System  
*use* IMBLMS  
**lab-on-a-chip** devices  
Atmospheric Cloud Physics **Lab** (Spacelab)  
isotopic **labeling**  
**labeling** (marking)  
*use* marking  
**labor**  
**laboratories**  
engine testing **laboratories**  
environmental **laboratories**  
human factors **laboratories**  
lunar **laboratories**  
lunar mobile **laboratories**  
manned orbital **laboratories**  
MOL (orbital **laboratories**)  
*use* manned orbital laboratories  
space **laboratories**  
underwater research **laboratories**  
Advanced Technology **Laboratory**  
Earth Viewing Applications **Laboratory**  
German Infrared **Laboratory**  
Gravity Recovery and Interior **Laboratory**  
*use* GRAIL mission  
lunar receiving **laboratory**  
Polar Plasma **Laboratory**  
*use* Polar/GGS spacecraft  
Shuttle Avionics Integration **Laboratory**  
*use* SAIL project  
**laboratory** astrophysics  
**laboratory** equipment  
Destiny **Laboratory** Module

- US **Laboratory** Module (ISS)
  - use* Destiny Laboratory Module
- Labrador**
- labyrinth**
- labyrinth** seals
- labyrinthectomy**
- LACATE** (experiment)
- LACE** (engine)
  - use* liquid air cycle engines
- BL **Lacertae** objects
- lacquers**
- lactates**
- lactic** acid
- lactose**
- lacunas**
- ladders**
- particle **laden** jets
- jet **lag**
- time **lag**
  - lag** (delay)
    - use* time lag
  - LAGEOS** (satellite)
  - lagoons**
  - Lagrange** coordinates
  - Euler- **Lagrange** equation
    - Lagrange** equations of motion
      - use* Euler-Lagrange equation
    - Lagrange** multipliers
    - Lagrange** similarity hypothesis
    - Lagrangian**
      - use* Lagrangian function
    - Lagrangian** equilibrium points
    - Lagrangian** function
    - Laguerre** functions
    - lake** beds
      - use* beds (geology)
    - Lake** Champlain Basin (NY-VT)
    - Lake** Erie
    - Lake** Huron
    - lake** ice
    - Lake** Michigan
    - Pyramid **Lake** (NV)
      - Lake** Ontario
      - Lake** Pontchartrain (LA)
      - Lake** Superior
      - Lake** Tahoe (CA-NV)
      - Lake** Texoma (OK-TX)
    - Great Salt **Lake** (UT)
    - lakes**
    - International Field Year for Great **Lakes**
      - Great **Lakes** (North America)
    - Lallemand** cameras
    - Lamb** waves
    - Lambda** rocket vehicles
    - Lambda** Tauri stars
    - Euler- **Lambert** equation
      - Lambert** law
        - use* Bouguer law
      - Lambert** surface
      - Lame** functions
      - Lame** wave equations
      - lamella**
      - lamella** (metallurgy)
      - lamina**
        - use* layers
      - laminar** boundary layer
      - laminar** boundary layer separation
        - use* boundary layer separation
        - laminar boundary layer
      - laminar** flames
        - use* flames
        - laminar flow
      - laminar** flow
      - laminar** flow airfoils
      - laminar** flow control
        - use* boundary layer control
        - laminar boundary layer
      - laminar** heat transfer
    - laminar** jets
      - use* jet flow
      - laminar flow
    - laminar** mixing
    - laminar** wakes
    - laminated** materials
      - use* laminates
    - laminates**
    - laminations**
      - use* laminates
    - lamps**
      - use* luminaires
    - alkali vapor **lamps**
    - arc **lamps**
    - electroluminescent **lamps**
      - use* electroluminescence
      - luminaires
    - flash **lamps**
    - mercury **lamps**
    - quartz **lamps**
    - xenon **lamps**
    - LAMPS** program
      - use* Light Airborne Multipurpose System
    - LAN** (computer networks)
      - use* local area networks
    - Lance** missile
    - land**
      - barren **land**
      - Ice, Cloud and **Land** Elevation Satellite
      - land** ice
        - air **land** interactions
        - land** management
        - land** mobile satellite service
        - land** surface temperature
        - land** use
        - rural **land** use
      - Landau** damping
      - Landau** factor
      - Landau-Ginzburg** equations
    - Altair Lunar **Lander**
    - Mars Polar **Lander**
    - Mars Surveyor 98 **Lander**
      - use* Mars Polar Lander
    - Phoenix Mars **Lander**
      - Viking **lander** 1
      - Viking **lander** 2
      - Viking **lander** spacecraft
    - landfills**
    - landforms**
      - barriers (**landforms**)
      - bars (**landforms**)
      - bluffs (**landforms**)
        - use* cliffs
      - bridges (**landforms**)
      - capets (**landforms**)
      - cirques (**landforms**)
      - cusps (**landforms**)
      - divides (**landforms**)
      - fans (**landforms**)
      - flats (**landforms**)
      - inliers (**landforms**)
      - outliers (**landforms**)
      - peaks (**landforms**)
      - terraces (**landforms**)
    - landing**
      - aircraft **landing**
      - blind **landing**
      - crash **landing**
      - ditching (**landing**)
      - emergency **landing**
      - hard **landing**
      - horizontal spacecraft **landing**
      - lunar **landing**
      - Mars **landing**
      - planetary **landing**
      - soft **landing**
      - spacecraft **landing**
      - vertical **landing**

- vertical takeoff and **landing**
  - use* vertical landing
  - vertical takeoff
- water **landing**
- microvision **landing** aid
- pilot **landing** aid television system
  - use* PLAT system
- landing** aids
- short takeoff & vertical **landing** aircraft
  - use* STOVL aircraft
- vertical attitude takeoff- **landing** aircraft
  - use* VATOL aircraft
- water takeoff and **landing** aircraft
- automatic **landing** control
- landing** gear
- retractable **landing** gear
  - use* landing gear
  - retractable equipment
- landing** instruments
- landing** loads
- landing** mats
- landing** modules
- lunar **landing** modules
- landing** radar
- landing** simulation
- lunar orbit and **landing** simulators
- landing** sites
- lunar **landing** sites
- Mars **landing** sites
- soft **landing** spacecraft
- landing** speed
- microwave scanning beam **landing** system
- landing** systems
  - use* landing aids
- air cushion **landing** systems
- all-weather **landing** systems
- ILS (**landing** systems)
  - use* instrument landing systems
- instrument **landing** systems
- microwave **landing** systems
- approach and **landing** tests (STS)
- Ranger lunar **landing** vehicles
- SLV (soft **landing** vehicles)
  - use* soft landing spacecraft
- glide **landings**
- skid **landings**
- video **landmark** acquisition and tracking
- landmarks**
- arid **lands**
- grazing **lands**
  - use* grasslands
- thematic mappers (**LANDSAT**)
  - Landsat** 1
  - Landsat** 2
  - Landsat** 3
  - Landsat** 4
  - Landsat** 5
  - Landsat** 6
  - Landsat** 7
  - Landsat** E
  - Landsat** F
  - Landsat** follow-on missions
  - Landsat** satellites
  - landscape**
    - use* terrain
    - topography
  - landslides**
  - lanes**
    - use* paths
  - Langevin** formula
  - Langley** complex coordinator
  - Langmuir-Blodgett** films
  - Child- **Langmuir** law
  - Langmuir** monolayers
    - use* monomolecular films
  - Langmuir** probes
    - use* electrostatic probes
  - Langmuir** turbulence
- Ada (programming **language**)
- algorithmic oriented **language**
  - use* ALGOL
- APL (programming **language**)
- Assembly **language**
- BASIC (programming **language**)
- C (programming **language**)
- C++ (programming **language**)
- COGO (programming **language**)
- Common Business Oriented **Language**
  - use* Cobol
- COMPASS (programming **language**)
- coordinate geometry **language**
  - use* COGO (programming language)
- English **language**
- FAB (programming **language**)
  - use* FORTRAN
- Forth (programming **language**)
- HAL/S (**language**)
- Java (programming **language**)
- LISP (programming **language**)
- MAP (programming **language**)
- Pascal (programming **language**)
- Prolog (programming **language**)
- words (**language**)
- natural **language** (computers)
- natural **language** processing
- language** programming
- languages**
- command **languages**
- context free **languages**
- document markup **languages**
- hardware description **languages**
- high level **languages**
- higher order **languages**
  - use* high level languages
- machine oriented **languages**
- markup **languages**
  - use* document markup languages
- programming **languages**
- query **languages**
- Sri Lanka
- lanthanide** series metals
  - use* rare earth elements
- lanthanum**
- lanthanum** 140
  - use* lanthanum isotopes
- lanthanum** alloys
- lanthanum** chlorides
- lanthanum** compounds
- lanthanum** fluorides
- lanthanum** isotopes
- lanthanum** oxides
- lanthanum** tellurides
- Laos**
- lap** joints
- Laplace** equation
- Laplace** operators
  - use* Laplace transformation
- Laplace** transformation
- time **lapse** photography
  - use* chronophotography
- lapse** rate
- LARA** aircraft
  - use* COIN aircraft
- Univac **Larc** computer
- large** aperture seismic array
- Large** Area Crop Inventory Experiment
- Gamma-ray **Large** Area Space Telescope
  - use* Fermi Gamma-ray Space Telescope
- Very **Large** Array (VLA)
- Large** Deployable Reflector
- large** eddy simulation
- Large** Infrared Telescope on Spacelab
  - use* LIRTS (telescope)
- large** scale integration
- very **large** scale integration
- large-scale** structure of the universe
- large** space structures

**Large** Space Telescope  
*use* Hubble Space Telescope  
 European **Large** Telecomm Satellite  
*use* L-Sat  
 very **large** transport aircraft  
**LARGOS** satellite  
**Larissa**  
**Larmor** precession  
**Larmor** radius  
**larvae**  
**larynx**  
**laser** ablation  
 scanning **laser** acoustic microscope (SLAM)  
*use* acoustic microscopes  
 Mars Orbiter **Laser** Altimeter (MOLA)  
*use* Mars Global Surveyor  
**laser** altimeters  
**laser** anemometers  
**laser** annealing  
**laser** applications  
**laser** arrays  
**laser** beam defocusing  
*use* thermal blooming  
**laser** beams  
**laser** cavities  
**laser** communication  
*use* optical communication  
**laser** cooling  
**laser** cutting  
**laser** damage  
**laser** deposition  
 pulsed **laser** deposition  
**laser** diodes  
*use* semiconductor lasers  
**laser** doppler velocimeters  
**laser** drilling  
**laser** fusion  
**Laser** Geodynamic Satellite  
*use* LAGEOS (satellite)  
**laser** guidance  
**laser** guide stars  
**laser** gyroscopes  
**laser** heating  
**laser**-induced breakdown spectroscopy  
**laser** induced fluorescence  
**Laser** Interferometer Gravitational-Wave  
 Observatory  
*use* LIGO (observatory)  
**Laser** Interferometer Space Antenna  
*use* LISA (observatory)  
**laser** interferometry  
**laser** machining  
**laser** materials  
**laser** micromachining  
*use* laser machining  
**laser** microscopy  
**laser** mode locking  
**laser** modes  
**laser** outputs  
**laser** plasma interactions  
**laser** plasmas  
**laser** power beaming  
**laser** propulsion  
**laser** pumping  
**laser** radar  
*use* optical radar  
**laser** radiation  
*use* laser beams  
**laser** range finders  
**laser** rangefinding  
*use* laser ranging  
**laser** ranger/tracker  
**laser** ranging  
 lunar **laser** ranging  
*use* laser ranging  
 lunar rangefinding  
 satellite **laser** ranging  
**laser** spark spectroscopy  
*use* laser-induced breakdown  
 spectroscopy  
**laser** spectrometers  
**laser** spectroscopy  
**laser** stability  
 Nova **Laser** System  
 Shiva **laser** system  
**laser** target designators  
**laser** target interactions  
**laser** targets  
**laser** weapons  
**laser** welding  
**laser** windows  
**lasers**  
 airborne **lasers**  
 aluminum gallium arsenide **lasers**  
 argon **lasers**  
 atmospheric **lasers**  
 carbon **lasers**  
 carbon dioxide **lasers**  
 carbon monoxide **lasers**  
 chemical **lasers**  
 chemical oxygen-iodine **lasers**  
 COIL (**lasers**)  
*use* chemical oxygen-iodine lasers  
 continuous wave **lasers**  
 DBR **lasers**  
 deuterium fluoride **lasers**  
*use* DF lasers  
 DF **lasers**  
 distributed Bragg reflector **lasers**  
*use* DBR lasers  
 distributed feedback **lasers**  
 dye **lasers**  
 excimer **lasers**  
 Fabry-Perot **lasers**  
*use* lasers  
 fiber **lasers**  
 free electron **lasers**  
 gallium arsenide **lasers**  
 gamma ray **lasers**  
 gas **lasers**  
 gasdynamic **lasers**  
 glass **lasers**  
 HCL **lasers**  
 HCL argon **lasers**  
 HCN **lasers**  
 helium-neon **lasers**  
 HF **lasers**  
 high intensity **lasers**  
*use* high power lasers  
 high power **lasers**  
 hydrogen chloride **lasers**  
*use* HCL lasers  
 hydrogen cyanide **lasers**  
*use* HCN lasers  
 hydrogen fluoride **lasers**  
*use* HF lasers  
 infrared **lasers**  
 injection **lasers**  
 iodine **lasers**  
 IR **lasers**  
*use* infrared lasers  
 krypton fluoride **lasers**  
 liquid **lasers**  
 metal vapor **lasers**  
 natural **lasers**  
*use* lasers  
 neodymium **lasers**  
 nitrogen **lasers**  
 nuclear pumped **lasers**  
 organic **lasers**  
 plasmadynamic **lasers**  
 power transmission (**lasers**)  
*use* laser power beaming  
 pulsed **lasers**  
 Q switched **lasers**  
 quantum cascade **lasers**

- quantum well **lasers**
- Raman **lasers**
- rare gas-halide **lasers**
  - ring **lasers**
  - ruby **lasers**
- semiconductor **lasers**
  - solar **lasers**
    - use* solar-pumped lasers
  - solar-pumped **lasers**
  - solid state **lasers**
  - spaceborne **lasers**
  - surface emitting **lasers**
  - TEA **lasers**
- transversely excited atmospheric **lasers**
  - use* TEA lasers
  - tube **lasers**
  - tunable **lasers**
  - two-wavelength **lasers**
  - ultrashort pulsed **lasers**
  - ultraviolet **lasers**
  - UV **lasers**
    - use* ultraviolet lasers
  - waveguide **lasers**
  - x ray **lasers**
  - xenon chloride **lasers**
  - xenon fluoride **lasers**
  - YAG **lasers**
  - YLF **lasers**
  - yttrium lithium fluoride **lasers**
    - use* YLF lasers
- lasing**
- LASS** (spectroscopy)
  - use* laser-induced breakdown spectroscopy
- LASV**
  - use* F-111 aircraft
- latch-up**
- latches**
- late** stars
- lateness**
- latent** heat
- latent** heat of fusion
  - use* heat of fusion
- lateral** control
- lateral** oscillation
- lateral** stability
- laterality**
  - use* lateral stability
- lateralization**
  - use* lateral control
- laterites**
- latex**
- lathes**
- turret **lathes**
- Latin** square method
- latitude**
- geomagnetic **latitude** measurement
- high **latitudes**
  - use* polar regions
- low **latitudes**
  - use* tropical regions
- lattice** energy
- lattice** imperfections
  - use* crystal defects
- vortex **lattice** method
- lattice** parameters
- spin-**lattice** relaxation
- lattice** vibrations
- lattices**
- BCC **lattices**
  - use* body centered cubic lattices
- body centered cubic **lattices**
- close packed **lattices**
- crystal **lattices**
- cubic **lattices**
- face centered cubic **lattices**
  - FCC **lattices**
    - use* face centered cubic lattices
- lattices** (mathematics)
- Latvia**
- Laue** method
- laughing**
- lunar **launch**
  - launch** clouds
    - use* exhaust clouds
- Cape Kennedy **launch** complex
  - launch** complexes
    - use* launching bases
  - launch** costs
  - launch** dates
  - launch** escape systems
- ALS (**launch** system)
  - use* Advanced Launch System (STS)
- Advanced **Launch** System (STS)
  - launch** time
    - use* launch windows
- standard **launch** vehicle 3
  - use* Atlas SLV-3 launch vehicle
- Standard **Launch** Vehicle 5
  - Ablestar **launch** vehicle
  - Ares 1 **launch** vehicle
  - Ares 5 cargo **launch** vehicle
  - Ariane **launch** vehicle
  - Ariane 4 **launch** vehicle
  - Ariane 5 **launch** vehicle
  - Atlas Able 5 **launch** vehicle
  - Atlas Agena B **launch** vehicle
  - Atlas Centaur **launch** vehicle
  - Atlas SLV-3 **launch** vehicle
  - Black Arrow **launch** vehicle
    - use* Black Knight rocket vehicle
  - Blue Streak **launch** vehicle
  - Centaur **launch** vehicle
    - launch** vehicle configurations
  - Delta **launch** vehicle
  - Delta 3 **launch** vehicle
  - Delta 4 **launch** vehicle
  - Delta 4 Heavy **launch** vehicle
  - Diamant **launch** vehicle
  - Eldo **launch** vehicle
  - Energiya **launch** vehicle
  - Europa 1 **launch** vehicle
  - Europa 2 **launch** vehicle
  - Europa 3 **launch** vehicle
  - Europa 4 **launch** vehicle
  - HOTOL **launch** vehicle
  - Juno 1 **launch** vehicle
  - Juno 2 **launch** vehicle
  - Little Joe 2 **launch** vehicle
  - Nomad **launch** vehicle
  - National **Launch** Vehicle Program
  - Proton **launch** vehicle
  - RAM B **launch** vehicle
  - Saturn 1 SA-1 **launch** vehicle
  - Saturn 1 SA-10 **launch** vehicle
  - Saturn 1 SA-2 **launch** vehicle
  - Saturn 1 SA-3 **launch** vehicle
  - Saturn 1 SA-4 **launch** vehicle
  - Saturn 1 SA-5 **launch** vehicle
  - Saturn 1 SA-6 **launch** vehicle
  - Saturn 1 SA-7 **launch** vehicle
  - Saturn 1 SA-8 **launch** vehicle
  - Saturn 1 SA-9 **launch** vehicle
  - Saturn D **launch** vehicle
  - Scout **launch** vehicle
  - Thor Agena **launch** vehicle
  - Thor Delta **launch** vehicle
  - Titan 3 **launch** vehicle
  - Titan 4 **launch** vehicle
  - Titan 4B **launch** vehicle
  - Titan Centaur **launch** vehicle
  - vanguard 2 **launch** vehicle
  - Vega **launch** vehicle
  - VentureStar **launch** vehicle
  - X-33 reusable **launch** vehicle
  - X-34 reusable **launch** vehicle
    - launch** vehicles

# launch

Atlas	<b>launch</b>	vehicles	Weber-Fechner	<b>law</b>	
Atlas Agena	<b>launch</b>	vehicles	power	<b>law</b>	bodies
Europa	<b>launch</b>	vehicles	Stokes	<b>law</b>	(fluid mechanics)
heavy lift	<b>launch</b>	vehicles		<b>law</b>	(jurisprudence)
Juno	<b>launch</b>	vehicles	Kirchhoff	<b>law</b>	of networks
Long March	<b>launch</b>	vehicles	Kirchhoff	<b>law</b>	of radiation
Nova	<b>launch</b>	vehicles	Stokes	<b>law</b>	of radiation
recoverable	<b>launch</b>	vehicles	St	<b>Lawrence</b>	Valley (North America)
reusable	<b>launch</b>	vehicles		<b>lawrencium</b>	
Saturn	<b>launch</b>	vehicles		<b>laws</b>	
Saturn 1	<b>launch</b>	vehicles	conservation	<b>laws</b>	
Saturn 1B	<b>launch</b>	vehicles	Kepler	<b>laws</b>	
Saturn 2	<b>launch</b>	vehicles	radiation	<b>laws</b>	
Saturn 5	<b>launch</b>	vehicles	scaling	<b>laws</b>	
Standard	<b>Launch</b>	Vehicles			<b>lay-up</b>
Thor	<b>launch</b>	vehicles	atmospheric boundary	<b>layer</b>	
Thorad	<b>launch</b>	vehicles	Chapman shear	<b>layer</b>	
Titan	<b>launch</b>	vehicles			<i>use</i> shear layers
Zenit	<b>launch</b>	vehicles	compressible boundary	<b>layer</b>	
	<b>launch</b>	windows	D	<b>layer</b>	
Pegasus air-	<b>launched</b>	booster			<i>use</i> D region
	<b>launchers</b>		E-1	<b>layer</b>	
gun	<b>launchers</b>		E-2	<b>layer</b>	
hypervelocity	<b>launchers</b>		Ekman	<b>layer</b>	
missile	<b>launchers</b>		F	<b>layer</b>	
mobile missile	<b>launchers</b>				<i>use</i> F region
rocket	<b>launchers</b>		hypersonic boundary	<b>layer</b>	
	<b>launching</b>		incompressible boundary	<b>layer</b>	
air	<b>launching</b>		laminar boundary	<b>layer</b>	
liftoff	<b>(launching)</b>		night E	<b>layer</b>	
orbital	<b>launching</b>				<i>use</i> E region
rocket	<b>launching</b>				night sky
satellite	<b>launching</b>		night F	<b>layer</b>	
		<i>use</i> spacecraft launching			<i>use</i> F region
sea	<b>launching</b>				night sky
spacecraft	<b>launching</b>		ozone	<b>layer</b>	
	<b>launching</b>	bases			<i>use</i> ozonosphere
	<b>launching</b>	devices	planetary boundary	<b>layer</b>	
		<i>use</i> launchers	sporadic E	<b>layer</b>	
aircraft	<b>launching</b>	devices	thermal boundary	<b>layer</b>	
	<b>launching</b>	pads	three dimensional boundary	<b>layer</b>	
	<b>launching</b>	sites	turbulent boundary	<b>layer</b>	
	<b>lava</b>		two dimensional boundary	<b>layer</b>	
de	<b>Laval</b>	nozzles	double-	<b>layer</b>	capacitors
		<i>use</i> convergent-divergent nozzles			<i>use</i> electrochemical capacitors
	<b>Laval</b>	number	thin	<b>layer</b>	chromatography
	<b>Laves</b>	phases	boundary	<b>layer</b>	combustion
	<b>law</b>		boundary	<b>layer</b>	control
air	<b>law</b>		porous boundary	<b>layer</b>	control
Beer	<b>law</b>		atomic	<b>layer</b>	deposition
Biot-Savart	<b>law</b>				<i>use</i> atomic layer epitaxy
Bouguer	<b>law</b>		atomic	<b>layer</b>	epitaxy
Child-Langmuir	<b>law</b>		boundary	<b>layer</b>	equations
closure	<b>law</b>		boundary	<b>layer</b>	flow
Coffin-Manson	<b>law</b>		boundary	<b>layer</b>	noise
Curie-Weiss	<b>law</b>				<i>use</i> aerodynamic noise
Dalton	<b>law</b>				boundary layers
Fourier	<b>law</b>		boundary	<b>layer</b>	plasmas
Henry	<b>law</b>		boundary	<b>layer</b>	separation
Hookes	<b>law</b>		laminar boundary	<b>layer</b>	separation
international	<b>law</b>				<i>use</i> boundary layer separation
Kirchhoff	<b>law</b>				laminar boundary layer
Lambert	<b>law</b>		boundary	<b>layer</b>	stability
		<i>use</i> Bouguer law	boundary	<b>layer</b>	thickness
Newton pressure	<b>law</b>		boundary	<b>layer</b>	transition
Newton second	<b>law</b>				<b>layers</b>
Newton-Busemann	<b>law</b>		barrier	<b>layers</b>	
Ohms	<b>law</b>		boundary	<b>layers</b>	
public	<b>law</b>		deep scattering	<b>layers</b>	
Raoult	<b>law</b>		E	<b>layers</b>	
Reynolds	<b>law</b>				<i>use</i> E region
		<i>use</i> Reynolds equation	flat	<b>layers</b>	
sea	<b>law</b>		isothermal	<b>layers</b>	
similitude	<b>law</b>		perfectly matched	<b>layers</b>	
Snells	<b>law</b>		plasma	<b>layers</b>	
space	<b>law</b>		shear	<b>layers</b>	
Stefan-Boltzmann	<b>law</b>		shock	<b>layers</b>	
Stokes	<b>law</b>		stratified	<b>layers</b>	
Tafel	<b>law</b>				<i>use</i> strata

- supersonic boundary **layers**
- surface **layers**
- transition **layers**
- mixing **layers** (fluids)
- layouts**
- Lazarev** meteorite
- LC** circuits
- LCRE** Reactor
  - use* Lithium Cooled Reactor Experiment
- LCROSS** (satellite)
- LDEF**
  - use* Long Duration Exposure Facility
- LDR** (telescope)
  - use* Large Deployable Reflector
- Portevin-**le** Chatelier effect
- leaching**
- lead** acetates
- lead** acid batteries
- lead** alloys
- lead** chlorides
- lead** compounds
- lead** isotopes
- lead** (metal)
- lead** molybdates
- lead** organic compounds
- lead** oxides
- lead** poisoning
- lead** selenides
- lead** sulfides
- lead** tellurides
- lead** titanates
- lead** tungstates
- lead** zirconate titanates
- stepped **leaders**
- leaders** (meteorology)
- leadership**
- leading** edge flaps
- leading** edge slats
- leading** edge sweep
- leading** edge thrust
- leading** edges
- blunt **leading** edges
- sharp **leading** edges
- beam **leads**
- electrical **leads**
  - use* electric conductors
- leaf** area index
- leakage**
- Lear** jet aircraft
- lessons **learned**
- learning**
- conditioning **(learning)**
- habituation **(learning)**
- machine **learning**
- maze **learning**
  - curves
  - machines
    - use* machine learning
  - theory
- leasing**
- least** squares method
- leather**
- leaves**
- Lebanon**
- Lebesgue** theorem
- lectures**
- LED** (diodes)
  - use* light emitting diodes
- Leda**
- ledges**
- Crocco-**Lee** theory
- Stoss-and-**Lee** topography
- lee** waves
- leg** (anatomy)
- legal** liability
- Legendre** code
  - use* computer programming
  - neutron scattering
- Legendre** functions
- Legendre** polynomials
  - use* Legendre functions
- Legendre** transformation
  - use* Legendre functions
- legibility**
- leguminous** plants
- Leidenfrost** phenomenon
- LEM** (lunar module)
  - use* Lunar Module
- lemmas**
  - use* theorems
- length**
- Debye **length**
- diffusion **length**
- mixing **length** flow theory
- Lennard-Jones** gas
- Lennard-Jones** potential
- lens** antennas
- lens** design
- lenses**
- contact **lenses**
- Fresnel **lenses**
- gravitational **lenses**
- luneberg **lenses**
  - use* radar corner reflectors
- magnetic **lenses**
- quadrupole **lenses**
  - use* magnetic lenses
- thermal **lenses**
  - use* thermal lensing
- wide angle **lenses**
- wire grid **lenses**
- zoom **lenses**
- thermal **lensing**
- lenticular** bodies
- LEO**
  - use* low Earth orbits
- LEO** environments
  - use* Earth orbital environments
- Leonardo** Logistics Module (ISS)
  - use* Multi-Purpose Logistics Modules
- Sierra **Leone**
- Leonid** meteoroids
- leptons**
- LES** (escape systems)
  - use* launch escape systems
- LES** (mathematics)
  - use* large eddy simulation
- LES** (satellites)
  - use* Lincoln Experimental Satellites
- LESA** (lunar exploration system)
  - use* Lunar Exploration System for Apollo
- lesions**
- pulmonary **lesions**
- Lesotho**
- Lesser** Antilles
- lessons** learned
- (LET)**
- lethality**
- lethargy**
- letters** (symbols)
  - use* symbols
- leucine**
- leukemias**
- leukocytes**
- leukopenia**
- level**
- sea **level**
- level** (horizontal)
- high **level** languages
- level** (quantity)
- low **level** turbulence
- leveling**
- atomic energy **levels**
- effective perceived noise **levels**

electronic	<b>levels</b> <i>use</i> electron energy energy levels	plasma	<b>lifetime</b>
energy	<b>levels</b>	radiative	<b>lifetime</b>
liquid	<b>levels</b>	satellite	<b>lifetime</b> <b>lifetime</b> (durability) <i>use</i> life (durability)
molecular energy	<b>levels</b>		<b>lift</b>
	<b>levers</b>	aerodynamic	<b>lift</b> <i>use</i> lift
	<b>levitation</b>	interference	<b>lift</b>
acoustic	<b>levitation</b>	jet	<b>lift</b>
electromagnetic	<b>levitation</b> <i>use</i> magnetic suspension	rotor	<b>lift</b>
electrostatic	<b>levitation</b> <i>use</i> magnetic suspension	variable	<b>lift</b> <i>use</i> lift
	<b>levitation</b> melting	zero	<b>lift</b>
magnetic	<b>levitation</b> vehicles	powered	<b>lift</b> aircraft
Shoemaker-	<b>Levy</b> 9 comet	heavy	<b>lift</b> airships
Okazaki-	<b>Levy-Rudenko</b> comet		<b>lift</b> augmentation
	<b>Lewis</b> base		<b>lift</b> coefficients <i>use</i> aerodynamic coefficients
	<b>Lewis</b> numbers		lift
	<b>Lexan</b> (trademark)	direct	<b>lift</b> controls
	<b>LFA</b> thrusters <i>use</i> magnetoplasmadynamic thrusters		<b>lift</b> devices
			<b>lift</b> distribution <i>use</i> force distribution
	<b>LFO</b> <i>use</i> Landsat follow-on missions		lift
	<b>liabilities</b>		<b>lift</b> drag ratio
legal	<b>liability</b>		<b>lift</b> fans
	<b>Liapunov</b> functions		<b>lift</b> forces <i>use</i> lift
evolution	<b>(liberation)</b>	heavy	<b>lift</b> helicopters
	<b>Liberia</b>	heavy	<b>lift</b> launch vehicles
	<b>libraries</b>		<b>lifting</b> bodies
subroutine	<b>libraries</b> (computers)	M-2	<b>lifting</b> body
integrated	<b>library</b> systems	M-2F2	<b>lifting</b> body
	<b>libration</b>	M-2F3	<b>lifting</b> body
	<b>librational</b> motion		<b>lifting</b> reentry vehicles
	<b>LIBS</b> (spectroscopy) <i>use</i> laser-induced breakdown spectroscopy		<b>lifting</b> rotors
			<b>lifting</b> surfaces <i>use</i> lift devices lifting bodies surfaces
	<b>Libya</b>		<b>liftoff</b> (launching)
	<b>Libyan</b> desert		<b>lifts</b>
	<b>licensing</b>	elevators	<b>(lifts)</b>
open source	<b>licensing</b> (computers)	jacks	<b>(lifts)</b>
	<b>lichens</b>		<b>ligaments</b>
	<b>lidar</b> <i>use</i> optical radar		<b>ligands</b>
DIAL	<b>(lidar)</b> <i>use</i> differential absorption lidar	coherent	<b>light</b>
differential absorption	<b>lidar</b>	extragalactic	<b>light</b> <i>use</i> extraterrestrial radiation
	<b>lie</b> groups	polarized	<b>light</b>
	<b>Liechtenstein</b>	ultraviolet	<b>light</b> <i>use</i> ultraviolet radiation
	<b>Lienard</b> potential		zodiacal
	<b>lies</b>		<b>light</b> absorption <i>use</i> electromagnetic absorption
	<b>LIF</b> (fluorescence) <i>use</i> laser induced fluorescence		<b>light</b> adaptation
extraterrestrial	<b>life</b>		<b>Light</b> Airborne Multipurpose System
fatigue	<b>life</b>		<b>light</b> aircraft
half	<b>life</b>		<b>light</b> alloys
machine	<b>life</b> <i>use</i> service life		<b>light</b> amplifiers
			<b>light</b> armed reconnaissance aircraft <i>use</i> COIN aircraft
service	<b>life</b>		<b>light</b> beams
	<b>life</b> (biology) <i>use</i> life sciences		<b>light</b> bulbs <i>use</i> luminaires
	<b>life</b> cycle costs		<b>light</b> communication <i>use</i> optical communication
	<b>life</b> detectors		<b>light-cone</b> expansion
	<b>life</b> (durability)	fly by	<b>light</b> control
	<b>life</b> rafts		<b>light</b> curve
	<b>life</b> sciences		<b>light</b> duration <i>use</i> flash pulse duration
	<b>life</b> span		<b>light</b> elements
Integrated Maneuvering	<b>Life</b> Support Sys <i>use</i> IMLSS		<b>light</b> emission
	<b>life</b> support systems		<b>light</b> emitting diodes
bioregenerative	<b>life</b> support systems <i>use</i> closed ecological systems		<b>light</b> gas guns
portable	<b>life</b> support systems		<b>light</b> helicopters
emergency	<b>life</b> sustaining systems		
accelerated	<b>life</b> tests		
	<b>lifeboats</b>		
carrier	<b>lifetime</b>		
orbital	<b>lifetime</b>		

- white **light** holography  
**light** intensity  
*use* luminous intensity  
**light** intratheater transport  
**light** ions  
**light** modulation  
ULM (**light** modulation)  
*use* ultrasonic light modulation
- ultrasonic **light** modulation  
**light** modulators  
**light** pressure  
*use* illuminance  
**light** probes  
*use* light beams
- mass to **light** ratios  
**light** scattering  
**light** scattering meters  
**light** sources  
**light** speed  
**light** transmission  
**light** transport aircraft
- Advanced Technology **Light** Twin aircraft  
*use* ATLIT project  
**light** valves  
**light** (visible radiation)  
**light** water  
**light** water breeder reactors  
**light** water reactors
- nuclear **lightbulb** engines  
**Lighthill** gas model  
**Lighthill** method  
**lighting**  
*use* illuminating  
**lighting** equipment  
**lightning**
- ball **lightning**  
**lightning** suppression  
**lights**  
*use* luminaires
- aircraft **lights**  
airport **lights**  
runway **lights**  
**lignin**  
**ignite**  
**LIGO** (observatory)
- maximum **likelihood** estimates  
**likelihood** ratio
- Earth **limb**  
lunar **limb**  
planetary **limb**  
solar **limb**  
**limb** brightening  
**limb** darkening  
**limbs**  
**limbs** (anatomy)  
**lime**  
*use* calcium oxides  
**limen**  
**limestone**
- proportional **limit**  
Roche **limit**  
**limitations**  
*use* constraints
- International Computers **Limited**  
*use* ICL computers
- diffraction **limited** cameras  
power **limited** spacecraft  
**limiter** amplifiers  
**limiter** circuits
- power **limiters**  
**limiters** (fusion reactors)  
**limits**
- confidence **limits**  
ignition **limits**  
**limits** (mathematics)  
**limnology**  
**limonite**  
**Lincoln** Experimental Satellites
- H alpha **line**
- H beta **line**  
H gamma **line**  
program trend **line** analysis  
**line** current  
Fraunhofer **line** discriminators  
**line** of sight  
**line** of sight communication  
on- **line** programming  
**line** shape  
**line** spectra  
on- **line** systems  
spectral **line** width  
**lineament**  
*use* structural properties (geology)
- linear** AC alternators  
*use* linear alternators  
**linear** accelerators  
**linear** alternators  
**linear** amplifiers  
**linear** arrays  
multispectral **linear** arrays  
**linear** circuits  
**linear** energy transfer (LET)  
**linear** equations  
**linear** evolution equations  
**linear** filters  
**linear** integrated circuits  
**linear** operators  
**linear** parameter-varying control  
**linear** polarization  
**linear** prediction  
**linear** programming  
**linear** quadratic Gaussian control  
**linear** quadratic regulator  
**linear** receivers  
**linear** regulator  
*use* linear quadratic regulator  
**linear** systems  
**linear** transformations  
**linear** vibration  
**linearity**  
**linearization**  
**linen**  
**liners**  
*use* linings  
**lines**  
acoustic delay **lines**  
axes (reference **lines**)  
caustic **lines**  
cell **lines**  
*use* cultured cells  
D **lines**  
delay **lines**  
dielectronic satellite **lines**  
*use* resonance lines  
flat coaxial transmission **lines**  
*use* microstrip transmission lines  
fluid transmission **lines**  
Fraunhofer **lines**  
geodesic **lines**  
H **lines**  
K **lines**  
microstrip transmission **lines**  
parallel strip **lines**  
*use* microstrip transmission lines  
power **lines**  
resonance **lines**  
spectral **lines**  
*use* line spectra  
strip transmission **lines**  
telluric **lines**  
terminator **lines**  
transmission **lines**  
trunks **(lines)**  
*use* transmission lines  
underground transmission **lines**  
delay **lines** (computer storage)  
**lines** (geometry)  
**lines** of force

- Ling-Temco-Vought aircraft
- linguistics**
- lining** processes
- linings**
- rocket **linings**
- linkages**
- linking**
  - use* joining
- links**
- data **links**
  - links** (mathematics)
  - Liouville** equations
- Sturm-**Liouville** operator
  - use* Sturm-Liouville theory
- Liouville** theorem
- Sturm-**Liouville** theory
- lip** reading
- lipid** metabolism
- lipids**
- lipoid** acid
- lipoproteins**
- lips** (anatomy)
- Lipschitz** condition
- liquefaction**
- coal **liquefaction**
- gas **liquefaction**
  - use* condensing
- liquefied** gases
- liquefied** natural gas
- condensers **(liquefiers)**
- liquid** air
- liquid** air cycle engines
- liquid** alloys
- liquid** ammonia
- liquid** atomization
- liquid** bearings
- liquid** breathing
- liquid** bridges
- liquid** chromatography
- liquid** cooled reactors
- liquid** cooling
- liquid** crystals
- liquid** drops
  - use* drops (liquids)
- vapor **liquid** equilibrium
  - use* liquid-vapor equilibrium
- liquid** filled shells
- liquid** flow
- liquid** fluorine
- liquid** fuels
- liquid-gas** mixtures
- liquid** helium
- liquid** helium 2
- liquid** hydrogen
- liquid** injection
- gas-**liquid** interactions
- liquid-**liquid** interfaces
- liquid** lasers
- liquid** levels
- liquid** lithium
- liquid** mercury
  - use* mercury (metal)
- liquid** metal cooled reactors
- liquid** metal fast breeder reactors
- liquid** metals
- liquid** neon
- liquid** nitrogen
- liquid** oxidizers
- liquid** oxygen
- fluorine-**liquid** oxygen
  - use* FLOX
- liquid** oxygen hydrocarbon rocket engines
  - use* oxygen-hydrocarbon rocket engines
- liquid** phase epitaxy
- liquid** phase sintering
- liquid** phases
- liquid** plus solid zones
  - use* mushy zones
- liquid** potassium
- liquid** propellant rocket engines
- liquid** rocket propellants
- liquid** rotation
  - use* rotating liquids
- liquid** sloshing
- liquid** sodium
- liquid-solid** interfaces
- liquid** surfaces
- liquid-vapor** equilibrium
- liquid-vapor** interfaces
- liquid** wastes
- liquids**
- coal derived **liquids**
- drops **(liquids)**
- Fermi **liquids**
- organic **liquids**
- potable **liquids**
- rotating **liquids**
- liquidus**
- LIRTS** (telescope)
- LISA** (observatory)
- LISP** (programming language)
- Lissajous** figures
- lists**
- hardware utilization **lists**
- literature**
- lithergol** rocket engines
- lithergolic** propellants
  - use* hybrid propellants
- lithiasis**
- lithium**
- liquid **lithium**
  - lithium** 4
    - use* lithium isotopes
  - lithium** 6
    - use* lithium isotopes
- aluminum-**lithium** alloys
- lithium** aluminum hydrides
- lithium** batteries
- lithium** borates
- lithium** chlorides
- lithium** compounds
- organic **lithium** compounds
- Lithium** Cooled Reactor Experiment
- yttrium **lithium** fluoride lasers
  - use* YLF lasers
- lithium** fluorides
- lithium** hydrides
- lithium** hydroxides
- lithium** iodates
- lithium** isotopes
- lithium** niobates
- lithium** oxides
- lithium** perchlorates
- lithium** sulfates
- lithium** sulfur batteries
- lithography**
- ultraviolet **lithography**
  - use* lithography
- lithology**
- lithosphere**
- Lithuania**
- Little** Joe 2 launch vehicle
- Little** John rocket vehicle
- littoral** currents
  - use* coastal currents
- littoral** drift
- littoral** transport
- liver**
- Livermore** Pool Type Reactor
- liverworts**
  - use* Bryophytes
- livestock**
- lixiscopes**
- lizards**

- Llanos Orientales** (Colombia)
- LLR** (ranging)  
*use* laser ranging  
 lunar rangefinding
- LMCR** (reactors)  
*use* liquid metal cooled reactors
- LMFBR**  
*use* liquid metal fast breeder reactors
- LNG**  
*use* liquefied natural gas
- load** carrying capacity
- load** distribution (forces)
- load** factors  
*use* loads (forces)
- flight **load** recorders
- load** testing machines
- load** tests
- loading**
- atmospheric **loading**  
*use* pollution transport
- critical **loading**
- edge **loading**
- variable amplitude **loading**
- wing **loading**
- loading** forces  
*use* loads (forces)
- loading** moments
- loading** operations
- loading** rate
- loading** waves  
*use* elastic waves  
 loads (forces)
- aerodynamic **loads**
- axial **loads**
- axial compression **loads**
- blast **loads**
- compression **loads**
- contact **loads**
- cyclic **loads**
- dummy **loads**  
*use* impedance  
 loading  
 output
- dynamic **loads**
- gust **loads**
- impact **loads**
- landing **loads**
- random **loads**
- rolling contact **loads**
- shock **loads**
- static **loads**
- thrust **loads**
- transient **loads**
- transverse **loads**
- vibratory **loads**  
**loads** (forces)
- lobes**
- occipital **lobes**
- LOC** (microelectronics)  
*use* lab-on-a-chip devices
- local** area networks
- local** group (astronomy)
- local** scientific survey module
- local** thermodynamic equilibrium
- localization**  
*use* position (location)
- sound **localization**
- LOCATES** system
- location**  
*use* position (location)
- position **(location)**
- Feature Identification and **Location** Exper
- Location** of Air Traffic Satellites  
*use* LOCATES system
- emergency **locator** transmitters
- loci**
- phase **lock** demodulators
- phase **locked** systems
- Lockheed** 186 helicopter  
*use* XH-51 helicopter
- Lockheed** aircraft
- Lockheed** C-5 aircraft  
*use* C-5 aircraft
- Lockheed** CL-595 helicopter  
*use* XH-51 helicopter
- Lockheed** CL-823 aircraft  
*use* CL-823 aircraft
- Lockheed** Constellation aircraft  
*use* C-121 aircraft
- Lockheed** L-2000 aircraft  
*use* L-2000 aircraft
- Lockheed** model 18 aircraft
- Lockheed** U-2 aircraft  
*use* U-2 aircraft
- Lockheed** XV-4A aircraft  
*use* XV-4 aircraft
- locking**
- injection **locking**
- laser mode **locking**
- locks**
- air **locks**  
**locks** (fasteners)
- locomotion**
- astronaut **locomotion**
- locomotives**
- locusts**
- Karhunen-**Loeve** expansion
- LOFAR**
- LOFTI** satellites  
*use* low frequency transionospheric  
 satellites
- lofting**
- log** periodic antennas
- log** spiral antennas
- logarithmic** receivers
- logarithms**
- logging** (industry)
- logic**
- fluid **logic**
- mathematical **logic**
- predicate **logic**
- temporal **logic**
- threshold **logic**
- transistor **logic**  
**logic** circuits  
**logic** design  
**logic** devices  
 programmable **Logic** integ circuits  
 Diode-Transistor-**logic** integ circuits  
 transistor-transistor-**logic** networks  
*use* logic circuits  
**logic** programming  
**logic** units  
*use* arithmetic and logic units
- arithmetic and **logic** units
- logical** elements
- logistics**
- lunar **logistics**
- space **logistics**  
**logistics** management
- Donatello **Logistics** Module (ISS)  
*use* Multi-Purpose Logistics Modules
- Leonardo **Logistics** Module (ISS)  
*use* Multi-Purpose Logistics Modules
- Raffaello **Logistics** Module (ISS)  
*use* Multi-Purpose Logistics Modules
- Multi-Purpose **Logistics** Modules  
**logistics** over the shore (LOTS) carrier
- LOH** helicopter  
*use* OH-6 helicopter
- Loki** rocket vehicle
- LOLA** (simulator)  
*use* lunar orbit and landing simulators
- Baldwin-**Lomax** turbulence model
- Lomonosov** current
- very **long** base interferometry
- Very **Long** Baseline Array (VLBA)

- Long** Duration Exposure Facility
- long** duration space flight
- Long** Island (NY)
- Long** March launch vehicles
- long** period variables
  - use* Mira variables
- long** range navigation
  - use* loran
- long** range weather forecasting
- long** term effects
- Long** Term Zonal Earth Energy Experiment
  - use* LZEEBE satellite
- long** wave radiation
- long** waves (meteorology)
  - use* planetary waves
- longerons**
- longevity**
- longitude**
- solar **longitude**
- longitude** measurement
- longitudinal** control
- longitudinal** stability
- longitudinal** waves
- longshore** currents
  - use* coastal currents
- look** angles (electronics)
- look** angles (tracking)
- forward **looking** infrared detectors
  - use* FLIR detectors
- side- **looking** radar
- loop** antennas
- hardware-in-the- **loop** simulation
- closed **loop** systems
  - use* feedback control
- hardware-in-the- **loop** tests
- loop** transfer functions
- loop** transfer recovery
- loops**
- capillary pumped **loops**
- coronal **loops**
- corrosion test **loops**
- LOR** (rendezvous)
  - use* lunar orbital rendezvous
- LORAC** navigation system
- loran**
- loran** C
- loran** D
- Lorentz** contraction
- Fitzgerald- **Lorentz** contraction
  - use* Lorentz contraction
- Lorentz** force
- Lorentz** force accelerator thrusters
  - use* magnetoplasmadynamic thrusters
- Lorentz** gas
- Lorentz** transformations
- LORV**
  - use* low observable reentry vehicles
- Los** Alamos Molten Plutonium Reactor
- Los** Alamos Turret Reactor
  - use* high temperature nuclear reactors
- Los** Alamos Water Boiler Reactor
- coolant **loss**
  - use* loss of coolant
- dielectric **loss**
- energy **loss**
  - use* energy dissipation
- hearing **loss**
  - use* auditory defects
- insertion **loss**
- plasma **loss**
- power **loss**
- transmission **loss**
- water **loss**
- friction **loss** coefficient
  - use* friction factor
- loss** of coolant
- losses**
- lossless** equipment
- lossless** materials
- lossy** media
- lost** wax process
  - use* investment casting
- logistics over the shore **(LOTS)carrier**
- LOTS** cargo ships
  - use* cargo ships
- loudness**
- loudspeakers**
- St **Louis-Kansas** City Corridor (MO)
- Louisiana**
- lounges**
- mobile **lounges**
- louvers**
- Love** waves
- low** alloy steels
  - use* high strength steels
- low** altitude
- supersonic **low** altitude missile
- low** aspect ratio
- low** aspect ratio wings
- low** carbon steels
- low** concentrations
- low** conductivity
- low** cost
- low** currents
- low** density flow
- low** density gases
  - use* rarefied gases
- low** density materials
- low** density research
- low** density wind tunnels
- low** Earth orbital environments
  - use* Earth orbital environments
- low** Earth orbits
- low** frequencies
- extremely **low** frequencies
- very **low** frequencies
- low** frequency transitionospheric satellites
- low** gravity
  - use* microgravity
- low** gravity manufacturing
- Low** Intensity X Ray Imaging Scopes
  - use* lixiscopes
- low** latitudes
  - use* tropical regions
- low** level turbulence
- low** mass
  - use* mass
- low** molecular weights
- low** noise
- low** observable reentry vehicles
- low** pass filters
- low** pressure
- low** pressure chambers
  - use* vacuum chambers
- low** resistance
- low** Reynolds number
- low** speed
- low** speed stability
- low** speed wind tunnels
- low** temperature
- low** temperature brazing
- low** temperature environments
- low** temperature physics
- low** temperature plasmas
  - use* cold plasmas
- low** temperature tests
- low** thrust
- low** thrust propulsion
- low** turbulence
- low** vacuum
- low** velocity
  - use* low speed
- low** visibility
- low** voltage
- low** volume ramjet engines

- low** weight
- low** wing aircraft
- lower** atmosphere
- Lower** Atmospheric Composition Experiment
  - use* LACATE (experiment)
- lower** body negative pressure
- Lower** California (Mexico)
- lower** ionosphere
- LOX**-hydrocarbon rocket engines
  - use* oxygen-hydrocarbon rocket engines
- LOX**-hydrogen engines
  - use* hydrogen oxygen engines
- LOX** (oxygen)
  - use* liquid oxygen
- LPTR** Reactor
  - use* Livermore Pool Type Reactor
- LQG** control
  - use* linear quadratic Gaussian control
- LQR**
  - use* linear quadratic regulator
- LR-62-RM-2** engine
- LR-87-AJ-5** engine
- LR-91-AJ-5** engine
- LR** circuits
  - use* RL circuits
- LRC** circuits
  - use* RLC circuits
- LRV** (vehicle)
  - use* lunar roving vehicles
- LSI**
  - use* large scale integration
- LSS** (cosmology)
  - use* large-scale structure of the universe
- LSSM**
- LST**
  - use* Hubble Space Telescope
- LTE** (astronomy)
  - use* local thermodynamic equilibrium
- LTV** aircraft
  - use* Ling-Temco-Vought aircraft
- lubricant** tests
- lubricants**
  - gas **lubricants**
  - high temperature **lubricants**
  - solid **lubricants**
  - gas **lubricated** bearings
    - use* gas bearings
  - self **lubricating** materials
  - lubricating** oils
  - lubrication**
    - boundary **lubrication**
    - self **lubrication**
    - space environmental **lubrication**
      - use* spacecraft lubrication
    - spacecraft **lubrication**
    - vapor phase **lubrication**
    - lubrication** systems
- lucite** (trademark)
  - use* polymethyl methacrylate
- Luder** bands
  - use* plastic deformation yield point
- Ludox** (trademark)
- lugs**
- lumbar** region
- lumbering** areas
  - use* forests
- lumens**
- luminaires**
- luminance**
- luminescence**
  - lunar **luminescence**
  - shock wave **luminescence**
  - luminescent** intensity
    - use* luminous intensity
  - luminescent** proteins
- luminosity**
- stellar **luminosity**
  - luminous** flux density
    - use* luminous intensity
  - luminous** intensity
  - lumped** parameter systems
  - lumping**
  - LUNA** lunar probes
    - use* Lunik lunar probes
  - lunar** albedo
  - lunar** atmosphere
  - lunar** based equipment
  - lunar** bases
  - lunar** cinematography
    - use* lunar photography
  - lunar** communication
  - lunar** composition
  - lunar** construction equipment
  - lunar** core
  - Lunar** Crater Observation and Sensing Satellite
    - use* LCROSS (satellite)
  - lunar** craters
  - lunar** crust
  - lunar** dust
  - lunar** echoes
  - lunar** eclipses
  - lunar** effects
  - lunar** environment
  - lunar** equator
  - lunar** escape devices
  - lunar** evolution
  - lunar** excavation equipment
  - Apollo **lunar** experiment module
  - lunar** exploration
    - Lunar** Exploration System for Apollo
  - LESA (**lunar** exploration system)
    - use* Lunar Exploration System for Apollo
  - lunar** far side
  - lunar** figure
  - lunar** flight
  - lunar** flying vehicles
  - lunar** geology
  - lunar** gravitation
  - lunar** gravitational effects
  - Lunar** Gravity Simulator
  - lunar** ionosphere
    - use* lunar atmosphere
  - lunar** laboratories
  - Altair **Lunar** Lander
  - lunar** landing
  - lunar** landing modules
  - lunar** landing sites
  - Ranger **lunar** landing vehicles
  - lunar** laser ranging
    - use* laser ranging
    - lunar rangefinding
  - lunar** launch
  - lunar** limb
  - lunar** logistics
  - lunar** luminescence
  - lunar** magnetic fields
  - lunar** mantle
  - lunar** maps
  - lunar** maria
  - lunar** mining
  - lunar** mobile laboratories
  - Lunar** Module
  - Lunar** Module 5
  - Lunar** Module 7
  - Lunar** Module Ascent Stage
  - LEM (**lunar** module)
    - use* Lunar Module
  - lunar** observatories
  - lunar** occultation
  - High Eccentric **Lunar** Occultation Satellite
    - use* Exosat satellite
  - lunar** orbit and landing simulators

- lunar** orbital rendezvous
- Lunar Orbiter**
- Lunar Orbiter 1**
- Lunar Orbiter 2**
- Lunar Orbiter 3**
- Lunar Orbiter 4**
- Lunar Orbiter 5**
- Lunar Orbiter A**
  - use* Lunar Orbiter 1
- Lunar Orbiter B**
  - use* Lunar Orbiter 2
- Lunar Orbiter C**
  - use* Lunar Orbiter 3
- Lunar Orbiter D**
  - use* Lunar Orbiter 4
- Lunar Orbiter E**
  - use* Lunar Orbiter 5
- lunar** orbits
- lunar** perturbation
  - use* lunar effects
- lunar** phases
- lunar** photographs
- lunar** photography
- Lunik 2 **lunar** probe
- Lunik 3 **lunar** probe
- Lunik 9 **lunar** probe
- Lunik 10 **lunar** probe
- Lunik 11 **lunar** probe
- Lunik 12 **lunar** probe
- Lunik 13 **lunar** probe
- Lunik 14 **lunar** probe
- Lunik 16 **lunar** probe
- Lunik 17 **lunar** probe
- Lunik 19 **lunar** probe
- Lunik 20 **lunar** probe
- Lunik 22 **lunar** probe
- Pioneer 4 **lunar** probe
  - use* Pioneer 4 space probe
- Ranger 1 **lunar** probe
- Ranger 2 **lunar** probe
- Ranger 3 **lunar** probe
- Ranger 4 **lunar** probe
- Ranger 5 **lunar** probe
- Ranger 6 **lunar** probe
- Ranger 7 **lunar** probe
- Ranger 8 **lunar** probe
- Ranger 9 **lunar** probe
- Surveyor 1 **lunar** probe
- Surveyor 2 **lunar** probe
- Surveyor 3 **lunar** probe
- Surveyor 4 **lunar** probe
- Surveyor 5 **lunar** probe
- Surveyor 6 **lunar** probe
- Surveyor 7 **lunar** probe
- lunar** probes
- LUNA **lunar** probes
  - use* Lunik lunar probes
- Lunik **lunar** probes
- Ranger **lunar** probes
- Surveyor **lunar** probes
- lunar** programs
- Lunar** Prospector
- lunar** radar echoes
- lunar** radiation
- lunar** rangefinding
- lunar** rays
- lunar** receiving laboratory
- Lunar** Reconnaissance Orbiter
- lunar** resources
- lunar** retroreflectors
- lunar** rocks
- lunar** rotation
- lunar** roving vehicles
- Lunokhod **lunar** roving vehicles
- lunar** satellites
- lunar** scattering
  - use* diffuse radiation
  - lunar radar echoes
- lunar** seismographs
- lunar** shadow
- lunar** shelters
- lunar** soil
- lunar** spacecraft
- orbiting **lunar** stations
- lunar** surface
- Apollo **Lunar** Surface Experiments Package
- Lunar** Surface Scientific Modules
  - use* LSSM
- lunar** surface vehicles
- manned **lunar** surface vehicles
- lunar** temperature
- Hansen **lunar** theory
- Hill **lunar** theory
- lunar** tides
- lunar** topography
- lunar** trajectories
- lunation**
  - use* month
- luneberg** lenses
  - use* radar corner reflectors
- lung** morphology
- lungs**
- Lunik** 2 lunar probe
- Lunik** 3 lunar probe
- Lunik** 9 lunar probe
- Lunik** 10 lunar probe
- Lunik** 11 lunar probe
- Lunik** 12 lunar probe
- Lunik** 13 lunar probe
- Lunik** 14 lunar probe
- Lunik** 16 lunar probe
- Lunik** 17 lunar probe
- Lunik** 19 lunar probe
- Lunik** 20 lunar probe
- Lunik** 22 lunar probe
- Lunik** lunar probes
- Lunokhod** lunar roving vehicles
- luster**
- lutetium**
- lutetium** 176
  - use* lutetium isotopes
- lutetium** compounds
- lutetium** isotopes
- Luxembourg**
- Luxembourg** effect
- Luxembourg** space program
- Lyapunov** functions
  - use* Liapunov functions
- Lybia**
  - use* Libya
- Lyman** alpha radiation
- Lyman** beta radiation
- Lyman** spectra
- lymph**
- lymph** nodes
  - use* lymphatic system
- lymphatic** system
- lymphocytes**
- lymphoid** system
  - use* lymphatic system
- lyophilization**
  - use* colloid
- lyophils**
  - use* colloids
- Lyra** constellation
- lysergine**
- lysimeters**
- lysine**
- Lysithea**
- lysogenesis**
- lysosomes**
- lysozyme**
- LZEEBE** satellite

## M

- TIROS **M**  
 vitamin **M**  
     *use* folic acid  
     **M-1** engine  
     **M-2** lifting body  
     **M-2F2** lifting body  
     **M-2F3** lifting body  
     **M-46** engine  
     **M-55** engine  
     **M-56** engine  
     **M-57** engine  
     **M-100** engine  
 C- **M** diagram  
     *use* color-magnitude diagram  
     **M** region  
     **M** stars  
     **M** wings  
     *use* variable sweep wings  
 Mercury **MA-1** flight  
     **MA-2** engine  
 Mercury **MA-2** flight  
     **MA-2** mission  
     *use* Mercury MA-2 flight  
     **MA-3** engine  
     **MA-3** flight  
     *use* Mercury MA-3 flight  
 Mercury **MA-3** flight  
     **MA-4** flight  
     *use* Mercury MA-4 flight  
 Mercury **MA-4** flight  
     **MA-5** engine  
     **MA-5** flight  
     *use* Mercury MA-5 flight  
 Mercury **MA-5** flight  
 Mercury **MA-6** flight  
 Mercury **MA-7** flight  
     **MA-8** flight  
     *use* Mercury MA-8 flight  
 Mercury **MA-8** flight  
     **MA-9** flight  
     *use* Mercury MA-9 flight  
 Mercury **MA-9** flight  
     **maars**  
     *use* craters  
     **Mace** missiles  
     **Mach** cones  
     **Mach** inertia principle  
     **Mach** number  
 critical **Mach** number  
     *use* critical velocity  
     Mach number  
     **Mach** reflection  
     **Mach-Zehnder** interferometers  
 Connection **Machine**  
 Cushioncraft ground effect **machine**  
 DTMB-111 ground effect **machine**  
     *use* ground effect machines  
 DTMB-430 ground effect **machine**  
     *use* ground effect machines  
 SR-N2 ground effect **machine**  
     *use* Westland ground effect machines  
 SR-N3 ground effect **machine**  
     *use* Westland ground effect machines  
 SR-N5 ground effect **machine**  
     *use* Westland ground effect machines  
 Westland SR-N2 ground effect **machine**  
     *use* Westland ground effect machines  
 Westland SR-N3 ground effect **machine**  
     *use* Westland ground effect machines  
 Westland SR-N5 ground effect **machine**  
     *use* Westland ground effect machines  
     **machine** aided indexing  
     *use* indexing (information science)  
     shafts **(machine** elements)  
 transmissions **(machine** elements)  
     **machine**-independent programs  
     **machine** learning  
     **machine** life  
     *use* service life  
     **machine** oriented languages  
     **machine** recognition  
     *use* artificial intelligence  
     **machine** storage  
     *use* computer storage devices  
     core storage  
 man **machine** systems  
     **machine** tools  
     **machine** translation  
     **machine** vision  
     *use* computer vision  
     **machinery**  
     **(machinery)**  
 positioning devices **machinery**  
     refrigerating **machinery**  
     boring **machines**  
     drafting **machines**  
     fatigue testing **machines**  
     finite-state **machines**  
     *use* Turing machines  
     grinding **machines**  
     ground effect **machines**  
 HD-1 ground effect **machines**  
     *use* hovercraft ground effect  
     machines  
 hovercraft ground effect **machines**  
     impact testing **machines**  
     learning **machines**  
     *use* machine learning  
     load testing **machines**  
     milling **machines**  
 random positioning **machines**  
     *use* clinostats  
     reading **machines**  
     *use* readers  
     rotating electrical **machines**  
     teaching **machines**  
     testing **machines**  
     *use* test equipment  
     tide powered **machines**  
     Turing **machines**  
 ultrasonic grinding **machines**  
     *use* ultrasonic machining  
     vibration testing **machines**  
     *use* vibration simulators  
     walking **machines**  
 waterwave powered **machines**  
     welding **machines**  
 Westland ground effect **machines**  
 windmills (windpowered **machines**)  
     **machining**  
     chemical **machining**  
     electrochemical **machining**  
     hot **machining**  
     laser **machining**  
 material removal **(machining)**  
     *use* machining  
     milling **(machining)**  
     spark **machining**  
 ultrasonic **machining**  
     **MACHOs** (astronomy)  
     *use* massive compact halo objects  
     **Macintosh** PC  
     *use* Macintosh personal computers  
     **Macintosh** personal computers  
     **MacLaurin** series  
     **macroclimate**  
     *use* climate  
     **macromolecules**  
     **macrophages**  
     **macroscopic** equations  
     **macular** vision  
     *use* vision  
     **Madagascar**  
     **Madden-Julian** Oscillation  
     **Maffei** galaxies  
     **magazines** (supply chambers)  
     **Magdalena-Cauca** Valley (Colombia)

- Magellan** Mission (ESA)  
*use* Magellan ultraviolet astronomy satellite
- Magellan** project (NASA)
- Magellan** spacecraft (NASA)
- Magellan** ultraviolet astronomy satellite
- Magellanic** clouds
- magic** tees
- magma**
- magnesium**
- magnesium** alloys
- magnesium** bromides
- magnesium** cells
- magnesium** chlorides
- magnesium** compounds
- magnesium** fluorides
- magnesium** germanates
- magnesium** germanides
- magnesium** isotopes
- magnesium** oxides
- magnesium** perchlorates
- magnesium** sulfates
- magnesium** titanates
- Magnesyn** (trademark)  
*use* servomotors
- magnet** coils
- magnetars**
- magnetic** absorption  
*use* electromagnetic absorption
- magnetic** amplifiers
- magnetic** annular arc
- magnetic** annular shock tubes
- magnetic** anomalies
- magnetic** bearings
- magnetic** charge density
- scalar **magnetic** charge  
*use* magnetic charge density
- magnetic** circuits
- magnetic** clouds
- magnetic** coils
- magnetic** compasses
- magnetic** compression
- magnetic** control
- magnetic** cooling
- magnetic** cores
- magnetic** damping
- magnetic** diffusion
- magnetic** dipoles
- magnetic** disks
- magnetic** dispersion
- magnetic** disturbances
- magnetic** domains
- magnetic** drums
- magnetic** effects
- magnetic** energy storage
- magnetic** equator
- magnetic** field configurations
- magnetic** field intensity  
*use* magnetic flux
- magnetic** field inversions
- magnetic** field reconnection
- solar **magnetic** field
- magnetic** fields
- force-free **magnetic** fields
- galactic **magnetic** fields  
*use* interstellar magnetic fields
- interplanetary **magnetic** fields
- interstellar **magnetic** fields
- lunar **magnetic** fields
- nonuniform **magnetic** fields
- planetary **magnetic** fields
- stellar **magnetic** fields
- trapped **magnetic** fields
- magnetic** films
- magnetic** flux
- magnetic** force microscopy
- magnetic** forming
- magnetic** induction
- magnetic** induction probes  
*use* magnetic probes
- magnetic** islands
- magnetic** lenses
- magnetic** levitation vehicles
- magnetic** materials
- magnetic** measurement
- magnetic** memories  
*use* magnetic storage
- magnetic** metals  
*use* magnetic materials  
 metals
- magnetic** mirrors
- magnetic** moments
- magnetic** monopoles
- magnetic** nozzles
- magnetic** permeability
- magnetic** pistons
- magnetic** poles
- magnetic** probes
- magnetic** properties
- magnetic** pumping
- magnetic** recording
- magnetic** relaxation
- magnetic** resonance
- nuclear **magnetic** resonance
- proton **magnetic** resonance
- magnetic** resonance spectroscopy
- magnetic** rigidity
- magnetic** sails
- magnetic** shielding
- magnetic** signals
- magnetic** signatures
- Alpha **Magnetic** Spectrometer
- magnetic** spectroscopy
- magnetic** stars
- magnetic** storage
- magnetic** storms
- magnetic** substorms  
*use* magnetic storms
- magnetic** surveys
- magnetic** susceptibility  
*use* magnetic permeability
- magnetic** suspension
- magnetic** switching
- magnetic** tape recorders  
*use* magnetic recording  
 tape recorders
- magnetic** tape transports
- magnetic** tapes
- magnetic** transducers
- magnetic** variations
- susceptibility **magnetically** trapped particles  
**(magnetism)**  
*use* magnetic permeability
- terrestrial **magnetism**  
*use* geomagnetism
- magnetite**
- magnetization**
- magneto-optics**
- Active **Magneto** Particle Tracer Explorers  
*use* AMPTE (satellites)
- magnetoacoustic** waves
- magnetoacoustics**
- magnetoactivity**
- magnetocardiography**
- magnetoelastic** vibrations  
*use* magnetoelastic waves
- magnetoelastic** waves
- magnetoelasticity**  
*use* magnetostriction
- magnetolectric** media
- magnetogasdynamics**  
*use* magnetohydrodynamics
- magnetograms**  
*use* magnetic signatures
- magnetohydrodynamic** acceleration  
*use* plasma acceleration
- magnetohydrodynamic** flow

	<b>magnetohydrodynamic</b> generators	<b>MagSat</b> 1 satellite
	<b>magnetohydrodynamic</b> shear heating	<b>Magsat</b> A satellite
	<b>magnetohydrodynamic</b> simulation	<b>MagSat</b> B satellite
	<b>magnetohydrodynamic</b> stability	<b>MagSat</b> satellites
	<b>magnetohydrodynamic</b> turbulence	air <b>mail</b>
	<b>magnetohydrodynamic</b> waves	e- <b>mail</b>
	<b>magnetohydrodynamics</b>	<i>use</i> electronic mail
	<b>magnetohydrostatics</b>	electronic <b>mail</b>
	<b>magnetoionic</b> plasma	Space Shuttle <b>Main</b> Engine
	<i>use</i> plasmas (physics)	<b>main</b> sequence stars
	<b>magnetoionics</b>	pre- <b>main</b> sequence stars
	<b>magnetomechanics</b> (physics)	<b>Maine</b>
	<b>magnetometers</b>	China (communist) <b>mainland</b>
	<b>magnetometry</b>	<i>use</i> China
	<i>use</i> magnetic measurement	<b>maintainability</b>
Bohr	<b>magneton</b>	<b>maintenance</b>
Kerr	<b>magneto-optical</b> effect	aircraft <b>maintenance</b>
	<b>magnetopause</b>	preventive <b>maintenance</b>
Imager for	<b>Magnetopause</b> -to-Aurora Global Explorer	space <b>maintenance</b>
	<i>use</i> IMAGE satellite	spacecraft <b>maintenance</b>
Variable Specific Impulse	<b>Magnetoplasma</b> Rocket	file <b>maintenance</b> (computers)
	<i>use</i> VASIMR (propulsion system)	<b>maintenance</b> training
	<b>magnetoplasma-dynamic</b> thrusters	<b>majority</b> carriers
	<b>magnetoplasma-dynamics</b>	decision <b>making</b>
	<b>magnetoplasmas</b>	<b>Malagasy</b> Republic
	<i>use</i> plasmas (physics)	<i>use</i> Madagascar
	<b>magneto-resistivity</b>	<b>Malawi</b>
	<b>magnetorheological</b> fluids	<b>Malaya</b>
	<b>magnetosheath</b>	<i>use</i> Malaysia
	<b>magnetosonic</b> resonance	<b>Malaysia</b>
Earth	<b>magnetosphere</b>	<b>Maldiv</b> e Islands
ionosphere-	<b>magnetosphere</b> coupling	<b>maleates</b>
	<i>use</i> magnetosphere-ionosphere coupling	<b>males</b>
	<b>magnetosphere</b> -ionosphere coupling	<b>malfunctions</b>
	<b>magnetospheres</b>	<b>Mali</b>
cometary	<b>magnetospheres</b>	<b>Malkus</b> theory
planetary	<b>magnetospheres</b>	<b>malleability</b>
pulsar	<b>magnetospheres</b>	<b>malononitrile</b>
stellar	<b>magnetospheres</b>	<b>Malta</b>
	<b>magnetospheric</b> electron density	<b>mammals</b>
International	<b>Magnetospheric</b> Explorer	marine <b>mammals</b>
	<b>magnetospheric</b> instability	<b>mammary</b> glands
	<b>magnetospheric</b> ion density	<b>man</b>
Atmospheric and	<b>Magnetospheric</b> Payload	<i>use</i> human beings
	<i>use</i> AMPS (satellite payload)	<b>man</b> -computer interface
	<b>magnetospheric</b> proton density	<i>use</i> human-computer interface
International	<b>Magnetospheric</b> Study	<b>man</b> environment interactions
	<b>magnetostatic</b> amplifiers	<b>man</b> machine systems
	<b>magnetostatic</b> fields	<b>man</b> operated propulsion systems
	<b>magnetostatics</b>	<b>man</b> powered aircraft
	<b>magnetostratigraphy</b>	<b>man</b> tended free flyers
	<b>magnetostriction</b>	<b>management</b>
Earth	<b>magnetotail</b>	business <b>management</b>
	<i>use</i> geomagnetic tail	<i>use</i> industrial management
	<b>magnetotails</b>	configuration <b>management</b>
planetary	<b>magnetotails</b>	contract <b>management</b>
	<b>magnetotelluric</b> profiling	data <b>management</b>
	<i>use</i> magnetic surveys	engineering <b>management</b>
	<b>magnetovariographs</b>	environment <b>management</b>
	<i>use</i> variometers	financial <b>management</b>
	<b>magnetron</b> sputtering	fluid <b>management</b>
	<b>magnetrons</b>	forest <b>management</b>
	<b>magnets</b>	industrial <b>management</b>
cryogenic	<b>magnets</b>	information <b>management</b>
high field	<b>magnets</b>	information resources <b>management</b>
permanent	<b>magnets</b>	inventory <b>management</b>
superconducting	<b>magnets</b>	land <b>management</b>
wiggler	<b>magnets</b>	logistics <b>management</b>
	<b>magnification</b>	matrix <b>management</b>
	<b>magnifiers</b>	personnel <b>management</b>
	<i>use</i> magnification	procurement <b>management</b>
	<b>magnitude</b>	production <b>management</b>
stellar	<b>magnitude</b>	program <b>management</b>
color-	<b>magnitude</b> diagram	<i>use</i> project management
	<b>magnons</b>	project <b>management</b>
	<b>Magnus</b> effect	records <b>management</b>
	<b>magsails</b>	research <b>management</b>
	<i>use</i> magnetic sails	resources <b>management</b>
		risk <b>management</b>

- safety **management**
- systems **management**
- terminal area energy **management**
- total quality **management**
- waste **management**
- water **management**
- weapon system **management**
- management** analysis
- management** information systems
- management** methods
- management** planning
- Central Electronic **Management** System
- management** systems
- data base **management** systems
- flight **management** systems
- manatees**
- Mandelstam** representation
- mandrels**
- Valsalva **maneuver**
- use* Valsalva exercise
- maneuverability**
- highly **maneuverable** aircraft
- maneuverable** reentry bodies
- maneuverable** spacecraft
- Orbit **Maneuvering** Engine (Space Shuttle)
- astronaut **maneuvering** equipment
- Integrated **Maneuvering** Life Support Sys
- use* IMLSS
- teleoperator **maneuvering** system
- use* teleoperators
- manned **maneuvering** units
- self **maneuvering** units
- SMU (**maneuvering** units)
- use* self maneuvering units
- space self **maneuvering** units
- use* self maneuvering units
- orbital **maneuvering** vehicles
- maneuvers**
- aircraft **maneuvers**
- orbital **maneuvers**
- satellite **maneuvers**
- use* spacecraft maneuvers
- spacecraft **maneuvers**
- manganese**
- manganese** 53
- use* manganese isotopes
- manganese** 54
- use* manganese isotopes
- manganese** 56
- use* manganese isotopes
- manganese** alloys
- manganese** compounds
- manganese** ions
- manganese** isotopes
- manganese** oxides
- manganese** phosphides
- Manganin** (trademark)
- Taylor **manifest** anxiety scale
- Riemann **manifold**
- manifolds**
- manifolds** (mathematics)
- manipulation**
- use* manipulators
- remote **manipulator** system
- Space Station Remote **Manipulator** System
- use* Space Station Mobile Servicing System
- manipulators**
- Manitoba**
- Manitou** (CO)
- Mann-Whitney-Wilcoxon** U test
- Manned** Aerodynamic Reusable Spaceship
- use* MARS (Manned Reusable Spacecraft)
- manned** lunar surface vehicles
- manned** maneuvering units
- manned** Mars missions
- manned** orbital laboratories
- manned** orbital space stations
- use* space stations
- manned** orbital telescopes
- manned** reentry
- MARS (**Manned** Reusable Spacecraft)
- manned** space flight
- manned** space flight network
- manned** spacecraft
- voskhod **manned** spacecraft
- Hermes **manned** spaceplane
- Manning** theory
- mannitol**
- manometers**
- manpower**
- Coffin- **Manson** law
- Earth **mantle**
- lunar **mantle**
- core- **mantle** boundary
- mantle** (Earth structure)
- use* Earth mantle
- planetary **mantles**
- manual**
- manual** control
- manuals**
- manuals**
- installation **manuals**
- user **manuals** (computer programs)
- manufacturing**
- CAM (**manufacturing**)
- use* computer aided manufacturing
- cellular **manufacturing**
- use* group technology (manufacturing)
- computer aided **manufacturing**
- group technology (**manufacturing**)
- low gravity **manufacturing**
- space **manufacturing**
- manures**
- many** body problem
- many** electron effects
- many** particle theory
- use* many body problem
- Patterson **map**
- map** matching guidance
- MAP** (programming language)
- MAP** (space probe)
- use* Microwave Anisotropy Probe
- Venus Radar **Mapper**
- use* Magellan spacecraft (NASA)
- Venus Radar **Mapper** Project
- use* Magellan project (NASA)
- thematic **mappers** (LANDSAT)
- mapping**
- cadastral **mapping**
- computer aided **mapping**
- conformal **mapping**
- flux **mapping**
- use* flux density mapping
- ice **mapping**
- planetary **mapping**
- soil **mapping**
- thematic **mapping**
- thermal **mapping**
- Heat Capacity **Mapping** Mission
- Total Ozone **Mapping** Spectrometer
- maps**
- astronomical **maps**
- lunar **maps**
- radar **maps**
- radar clutter **maps**
- relief **maps**
- weather **maps**
- use* meteorological charts
- Mapsat**
- maraging**
- maraging** steels
- Marangoni** convection
- Marbore** 2 engine
- use* J-69-T-25 engine

- Long **March** launch vehicles
- spatial **marching**
- time **marching**
- San **Marco** 1 satellite
- San **Marco** 2 satellite
- San **Marco** 3 satellite
- San **Marco** satellites
- Marecs** maritime satellites
- margins**
- continental **margins**
  - use* continental shelves
- maria**
- lunar **maria**
- marijuana**
- marine** biology
- marine** chemistry
- marine** environments
- marine** mammals
- marine** meteorology
- marine** navigation
  - use* surface navigation
- marine** propulsion
- marine** resources
- marine** rudders
- marine** technology
- marine** transportation
- Mariner** 1 space probe
- Mariner** 2 space probe
- Mariner** 3 space probe
- Mariner** 4 space probe
- Mariner** 5 space probe
- Mariner** 6 space probe
- Mariner** 7 space probe
- Mariner** 8 space probe
- Mariner** 9 space probe
- Mariner** 10 space probe
- Mariner** 11 space probe
- Mariner** C spacecraft
- Mariner** Jupiter-Saturn flyby
- Mariner** Jupiter-Uranus flyby
- Mariner** Mark 2 Spacecraft
- Mariner-Mercury** 1973
- Mariner** program
- Mariner** R 2 space probe
- Mariner** space probes
- Mariner** spacecraft
- Mariner** Venus 67 spacecraft
- Mariner** Venus-Mercury 1973
- San **Marino**
- Marisat** 1 satellite
- Marisat** satellites
- Maritime** Communication Satellite (ESA)
  - use* Marots (ESA)
- Maritime** Orbital Test Satellite
  - use* Marots (ESA)
- maritime** satellites
- Marecs **maritime** satellites
- Mark** 1 reentry body
- Mark** 1 spacecraft
- Mark** 2 reentry body
- Mariner **Mark** 2 Spacecraft
- Mark** 3 reentry body
- Mark** 4 reentry body
- Mark** 5 reentry body
- Mark** 6 reentry body
- Mark** 11 reentry body
- Mark** 12 reentry body
- Mark** 17 reentry body
- Markarian** galaxies
- markers**
- biological **markers**
  - use* biomarkers
- clinical **markers**
  - use* biomarkers
- market** research
- marketing**
- marking**
- labeling **(marking)**
  - use* marking
- Markov** chains
- Markov** processes
- Gauss-**Markov** theorem
- markup** languages
  - use* document markup languages
- document **markup** languages
- Marots** (ESA)
- Marquardt** R4D engine
- bone **marrow**
- mars**
- Mars** 1 spacecraft
- Mars** 2 spacecraft
- Mars** 3 spacecraft
- Mars** 4 Spacecraft
- Mars** 5 spacecraft
- Mars** 6 spacecraft
- Mars** 7 spacecraft
- Mars** 69 project
- Mars** 71 project
- Mars** atmosphere
- Mars** bases
- Mars** Climate Orbiter
- Mars** colonies
  - use* Mars bases
- Mars** craters
- Mars** environment
- Mars** Excursion Module
- Mars** exploration
- Mars** Express
- Mars** Geoscience Ciimatology Orbiter
  - use* Mars Observer
- Mars** Global Surveyor
- Phoenix **Mars** Lander
- Mars** landing
- Mars** landing sites
- MARS** (Manned Reusable Spacecraft)
- Mars** missions
- manned **Mars** missions
- Mars** Observer
- 2001 **Mars** Odyssey
- Mars** Orbiter Camera (MOC)
  - use* Mars Global Surveyor
- Mars** Orbiter Laser Altimeter (MOLA)
  - use* Mars Global Surveyor
- Nozomi **Mars** Orbiter
- Mars** Pathfinder
- Mars** photographs
- Mars** (planet)
- Mars** Polar Lander
- Mars** probes
- Viking **Mars** program
- Mars** Reconnaissance Orbiter
- Mars** Rover Sample Return Mission
  - use* Mars sample return missions
- Mars** roving vehicles
- Marsokhod **Mars** roving vehicles
- Mars** sample return missions
- Mars** satellites
- Mars** surface
- Mars** surface samples
- Mars** Surveyor 98 Lander
  - use* Mars Polar Lander
- Mars** Surveyor 98 Orbiter
  - use* Mars Climate Orbiter
- Mars** Surveyor 98 Program
- Mars** Surveyor 2001 Mission
- Earth-**Mars** trajectories
- Mars** volcanoes
- marshes**
  - use* marshlands
- marshlands**
- coastal **marshlands**
  - use* marshlands
- Marsokhod** Mars roving vehicles
- martensite**
- martensitic** stainless steels
- martensitic** transformation
- Martian** meteorites
  - use* SNC meteorites

**Martin** aircraft  
**martingales**  
**Martinique**  
**Maryland**  
**mascons**  
**maser** materials  
 optical **maser** modulation  
     *use* light modulation  
**maser** outputs  
**maser** pumping  
**maser** resonators  
     *use* masers  
**masers**  
 gas **masers**  
 hydrogen **masers**  
 infrared **masers**  
     *use* infrared lasers  
 interstellar **masers**  
 optical **masers**  
     *use* lasers  
 proton **masers**  
 traveling wave **masers**  
 water **masers**  
**masking**  
 target **masking**  
**masks**  
 oxygen **masks**  
**Masonite** (trademark)  
**masonry**  
**mass**  
 atomic **mass**  
     *use* atomic weights  
 ballast **(mass)**  
 center of **mass**  
 critical **mass**  
 electron **mass**  
 galactic **mass**  
 low **mass**  
     *use* mass  
 particle **mass**  
 planetary **mass**  
 stellar **mass**  
 subcritical **mass**  
 weight **(mass)**  
 stellar **mass** accretion  
 missing **mass** (astrophysics)  
**mass** balance  
**mass** distribution  
**mass** drivers  
 coronal **mass** ejection  
 stellar **mass** ejection  
**mass** filters  
     *use* fluid filters  
**mass** flow  
**mass** flow factors  
**mass** flow rate  
 payload **mass** ratio  
 propellant **mass** ratio  
**mass** ratios  
**mass** spectra  
**mass** spectrometers  
 retarding ion **mass** spectrometers  
     *use* mass spectrometers  
**mass** spectrometry  
     *use* mass spectroscopy  
 inductively coupled plasma **mass** spectrometry  
 secondary ion **mass** spectrometry  
**mass** spectroscopy  
 variable **mass** systems  
**mass** to light ratios  
**mass** transfer  
 density **(mass /volume)**  
**Massachusetts**  
**massaging**  
 air **masses**  
**massifs**  
**massive** compact halo objects  
 weakly interacting **massive** particles  
**massive** stars  
**massively** parallel processors  
**MAST** shock tubes  
     *use* magnetic annular shock tubes  
**mastication**  
**mastoids**  
**matched** filters  
 perfectly **matched** layers  
**matching**  
 impedance **matching**  
 phase **matching**  
 map **matching** guidance  
 point **matching** method (mathematics)  
     *use* boundary value problems  
 Terrain Contour **Matching** Navigation System  
     *use* TERCOM  
 audio visual **material**  
 mortars **(material)**  
 paper **(material)**  
 pitch **(material)**  
**material** absorption  
**material** balance  
 hazardous **material** disposal (in space)  
 grinding **(material** removal)  
**material** removal (machining)  
     *use* machining  
**material** strength  
     *use* mechanical properties  
**materials**  
 ablative **materials**  
 absorbers **(materials)**  
 acceptor **materials**  
 aging **(materials)**  
 aircraft construction **materials**  
 airframe **materials**  
 amorphous **materials**  
 APB **(materials)**  
     *use* antiphase boundaries  
 attrition **(materials)**  
     *use* comminution  
 binary systems **(materials)**  
 binders **(materials)**  
 boron reinforced **materials**  
 brittle **materials**  
 building **materials**  
     *use* construction materials  
 carbonaceous **materials**  
 composite **materials**  
 construction **materials**  
     cork **(materials)**  
     curl **(materials)**  
 debonding **(materials)**  
 dielectric **materials**  
     *use* dielectrics  
 dislocations **(materials)**  
 donor **materials**  
 doping **(materials)**  
 dredged **materials**  
 electrode **materials**  
     fatigue **(materials)**  
 ferrimagnetic **materials**  
 ferroelastic **materials**  
 ferroelectric **materials**  
 ferromagnetic **materials**  
     FGM **(materials)**  
     *use* functionally gradient materials  
 fibrous **materials**  
     *use* fibers  
 fissile **materials**  
     *use* fissionable materials  
 fissionable **materials**  
     foils **(materials)**  
 fractures **(materials)**  
 functionally gradient **materials**  
     granular **materials**  
     hardening **(materials)**  
     hazardous **materials**  
 high temperature **materials**  
     *use* refractory materials  
 inorganic **materials**

- insulating **materials**  
*use* insulation
- intelligent **materials**  
*use* smart materials
- laminated **materials**  
*use* laminates
- laser **materials**
- lossless **materials**
- low density **materials**
- magnetic **materials**
- maser **materials**
- matrix **materials**
- molding **materials**
- nanocrystalline **materials**  
*use* nanocrystals
- nonflammable **materials**
- noxious **materials**  
*use* contaminants
- optical **materials**
- optical data storage **materials**
- organic **materials**
- PCM **(materials)**  
*use* phase change materials
- phase change **materials**
- phase separation **(materials)**
- phase stability **(materials)**
- photoelastic **materials**
- photoelectric **materials**
- porous **materials**
- pyrolytic **materials**
- pyrophoric **materials**
- radioactive **materials**
- radiogenic **materials**
- radome **materials**
- reactor **materials**
- refractory **materials**
- reinforcing **materials**
- RFI (composite **materials**)  
*use* resin film infusion
- RTM (composite **materials**)  
*use* resin transfer molding
- self lubricating **materials**
- semiconductors **(materials)**
- sizing **materials**
- smart **materials**
- spacecraft construction **materials**
- SPF **(materials)**  
*use* superplastic forming
- sponges **(materials)**
- stacking sequence (composite **materials**)
- strategic **materials**
- strength of **materials**  
*use* mechanical properties
- structural **materials**  
*use* construction materials
- superconductors **(materials)**
- superhybrid **materials**
- thermochromatic **materials**
- thermoelectric **materials**
- thickeners **(materials)**
- transparent **materials**  
*use* transparence
- vitreous **materials**
- cellular **materials** (non biological)  
*use* foams
- materials** recovery
- materials** science
- materials** selection
- netting **(materials /structures)**
- materials** testing reactors  
*use* nuclear research and test reactors
- materials** tests
- indigenous space **materials** utilization  
*use* in situ resource utilization
- mathematical** analysis  
*use* applications of mathematics
- mathematical** logic
- mathematical** models
- mathematical** programming
- mathematical** tables
- mathematics**
- analysis **(mathematics)**
- applications of **mathematics**
- arguments **(mathematics)**  
*use* independent variables
- ARMA **(mathematics)**  
*use* autoregressive moving average
- attractors **(mathematics)**
- bifurcation **(mathematics)**  
*use* branching (mathematics)
- biological models **(mathematics)**
- branching **(mathematics)**
- censored data **(mathematics)**
- combinations **(mathematics)**
- complements **(mathematics)**
- continuity **(mathematics)**
- convolutions **(mathematics)**  
*use* convolution integrals
- cubes **(mathematics)**
- cusps **(mathematics)**
- DCT **(mathematics)**  
*use* discrete cosine transform
- discretization **(mathematics)**
- dividing **(mathematics)**
- expressions **(mathematics)**  
*use* formulas (mathematics)
- FDTD **(mathematics)**  
*use* finite difference time domain method
- fibers **(mathematics)**
- fixed points **(mathematics)**
- formulas **(mathematics)**
- functions **(mathematics)**
- grid generation **(mathematics)**
- grid refinement **(mathematics)**
- grids **(mathematics)**  
*use* computational grids
- ill-conditioned problems **(mathematics)**
- ill-posed problems **(mathematics)**
- imbeddings **(mathematics)**
- improperly-posed problems **(mathematics)**  
*use* ill-posed problems (mathematics)
- induction **(mathematics)**
- lattices **(mathematics)**
- LES **(mathematics)**  
*use* large eddy simulation
- limits **(mathematics)**
- links **(mathematics)**
- manifolds **(mathematics)**
- matrices **(mathematics)**
- mesh **(mathematics)**  
*use* computational grids
- mesh generation **(mathematics)**  
*use* grid generation (mathematics)
- mesh refinement **(mathematics)**  
*use* grid refinement (mathematics)
- operators **(mathematics)**
- partitions **(mathematics)**
- point matching method **(mathematics)**  
*use* boundary value problems
- points **(mathematics)**
- reduction **(mathematics)**  
*use* optimization
- relaxation method **(mathematics)**
- rings **(mathematics)**
- robustness **(mathematics)**
- series **(mathematics)**
- singularity **(mathematics)**
- squares **(mathematics)**
- stars **(mathematics)**
- structured grids **(mathematics)**
- subsets **(mathematics)**  
*use* set theory
- superimposition **(mathematics)**  
*use* superposition (mathematics)
- superposition **(mathematics)**

- transformations **(mathematics)**  
trees **(mathematics)**  
truncation **(mathematics)**  
*use* approximation
- unstructured grids **(mathematics)**  
upwind schemes **(mathematics)**  
vectors **(mathematics)**  
**Mathieu** equation  
*use* Mathieu function  
**Mathieu** function  
**Matra** missile  
**matrices**  
Hessian **matrices**  
**matrices** (circuits)  
**matrices** (mathematics)
- scattering **matrix**  
*use* S matrix theory
- stiffness **matrix**  
**matrix** analysis  
*use* matrices (mathematics)
- ceramic **matrix** composites  
epoxy **matrix** composites  
metal **matrix** composites  
polymer **matrix** composites  
resin **matrix** composites  
fiber-**matrix** interfaces  
**matrix** management  
**matrix** materials
- Jacobi **matrix** method  
**matrix** methods  
**matrix** stress calculation  
*use* matrix methods  
**matrix** theory  
S **matrix** theory
- landing **mats**
- circumstellar **matter**  
*use* stellar envelopes
- dark **matter**  
degenerate **matter**  
dissolved organic **matter**  
extraterrestrial **matter**  
interstellar **matter**  
negative **matter**  
rotating **matter**  
**matter-antimatter** propulsion  
**matter** (physics)
- condensed **matter** physics  
negative **matter** propulsion  
**MATTS** (systems)  
**maturing**  
*use* growth  
**Mauler** missile  
**Mauritania**  
**Mauritius**  
**Maverick** missiles  
**Max** Holste MH-262 aircraft  
*use* MH-262 aircraft  
**maxima**  
**maximum** entropy method  
**maximum** likelihood estimates
- Solar **Maximum** Mission  
Solar **Maximum** Mission-A  
**maximum** principle  
**maximum** usable frequency  
**Maxwell** bodies  
**Maxwell-Boltzmann** density function  
**Maxwell** equation  
**Maxwell** fluids  
**Maxwell-Mohr** method  
**Maxwellian** distribution (density)  
*use* Maxwell-Boltzmann density function
- Born-**Mayer** equation  
*use* Born approximation  
**Mayer** problem  
**maypole** antennas
- zea **mays**  
*use* corn  
**maze** learning
- MB-1** rocket vehicle  
*use* Genie rocket vehicle
- MBM** junctions  
**Mcdonnell** aircraft  
**McDonnell** Douglas aircraft  
**McLaurin** series  
*use* MacLaurin series
- Mcleod** gages  
**McMurdo** sound  
**MCR** reactors  
*use* military compact reactors
- MD** 11 aircraft  
**MD** 80 aircraft  
Susquehanna River Basin **(MD-NY-PA)**  
Assateague Island **(MD-VA)**  
Delmarva Peninsula (DE-**MD-VA)**  
Potomac River Valley **(MD-VA-WV)**
- MDA**  
*use* multiple docking adapters
- ME** P-160 aircraft  
*use* P-160 aircraft
- Messerschmitt **ME** P-160 aircraft  
*use* P-160 aircraft
- ME** P-308 aircraft  
*use* P-308 aircraft
- Messerschmitt **ME** P-308 aircraft  
*use* P-308 aircraft
- monoethanolamine **(MEA)**
- meadowlands**  
*use* grasslands
- MEAM** (physical chemistry)  
*use* embedded atom method
- mean**  
**mean** free path
- root-**mean**-square errors  
**mean** square values  
**mean** time between failures  
*use* MTBF
- meanders**
- Integ Med and Behavioral Lab **Measur** System  
*use* IMBLMS
- Shannon-Wiener **measure**  
**measure** and integration  
**measure** theory  
*use* measure and integration
- measurement**  
acceleration **measurement**  
acoustic **measurement**  
density **measurement**  
depth **measurement**  
dimensional **measurement**  
displacement **measurement**  
downrange **measurement**  
drag **measurement**  
electrical **measurement**  
electromagnetic **measurement**  
electromagnetic noise **measurement**  
electronic signal **measurement**  
*use* signal measurement
- flow **measurement**  
frequency **measurement**  
friction **measurement**  
heat **measurement**  
high alt target and background **measurement**  
humidity **measurement**  
impedance **measurement**  
in situ **measurement**  
latitude **measurement**  
longitude **measurement**  
magnetic **measurement**  
mechanical **measurement**  
noise **measurement**  
non-intrusive **measurement**  
*use* nonintrusive measurement
- nonintrusive **measurement**  
optical **measurement**  
photoelastic stress **measurement**  
*use* photoelastic analysis
- photographic **measurement**

plasma flux	<b>measurement</b>	head (fluid	<b>mechanics)</b>
precipitation	<b>measurement</b>	hole distribution	<b>(mechanics)</b>
precipitation particle	<b>measurement</b>	hole geometry	<b>(mechanics)</b>
pressure	<b>measurement</b>	holes	<b>(mechanics)</b>
radar	<b>measurement</b>	nonrelativistic	<b>mechanics</b>
radiation	<b>measurement</b>	orbital	<b>mechanics</b>
range	<b>measurement</b>	orbital resonances (celestial	<b>mechanics)</b>
	<i>use</i> rangefinding	quantum	<b>mechanics</b>
signal	<b>measurement</b>	relaxation	<b>(mechanics)</b>
sound	<b>measurement</b>	rock	<b>mechanics</b>
	<i>use</i> acoustic measurement	soil	<b>mechanics</b>
strain	<b>measurement</b>	solid	<b>mechanics</b>
stress	<b>measurement</b>	space	<b>mechanics</b>
synoptic	<b>measurement</b>	statistical	<b>mechanics</b>
temperature	<b>measurement</b>	Stokes law (fluid	<b>mechanics)</b>
thrust	<b>measurement</b>	tolerances	<b>(mechanics)</b>
time	<b>measurement</b>		<b>mechanics (physics)</b>
trajectory	<b>measurement</b>		<b>mechanism</b>
units of	<b>measurement</b>	Dungeys wind shear	<b>mechanism</b>
velocity	<b>measurement</b>		<i>use</i> wind shear
vibration	<b>measurement</b>	regulatory	<b>mechanisms (biology)</b>
voltage	<b>measurement</b>		<b>mechanization</b>
	<i>use</i> electrical measurement		<b>mechanograms</b>
weight	<b>measurement</b>		<b>mechanoreceptors</b>
wind	<b>measurement</b>		<b>meclizine</b>
wind velocity	<b>measurement</b>	Integ	<b>Med and Behavioral Lab Measur System</b>
x ray density	<b>measurement</b>		<i>use</i> IMBLMS
x ray stress	<b>measurement</b>		<b>media</b>
	body <b>measurement (biology)</b>	anisotropic	<b>media</b>
Downrange Antimissile	<b>Measurement Program</b>	conducting	<b>media</b>
Radio Attenuation	<b>Measurement project</b>		<i>use</i> conductors
Earth terminal	<b>measurement system</b>	culture	<b>media</b>
	<b>measures</b>	elastic	<b>media</b>
	<b>measuring</b>	extragalactic	<b>media</b>
	<i>use</i> measurement		<i>use</i> intergalactic media
torque	<b>measuring apparatus</b>	intergalactic	<b>media</b>
	<i>use</i> torquemeters	isotropic	<b>media</b>
distance	<b>measuring equipment</b>	lossy	<b>media</b>
	<b>measuring instruments</b>	magnetolectric	<b>media</b>
optical	<b>measuring instruments</b>	news	<b>media</b>
radiation	<b>measuring instruments</b>		<b>median (statistics)</b>
shock	<b>measuring instruments</b>		<b>mediastinum</b>
temperature	<b>measuring instruments</b>		<b>mediation</b>
time	<b>measuring instruments</b>		<b>medical electronics</b>
Tropical Rainfall	<b>Measuring Mission sat</b>		<b>medical equipment</b>
	<i>use</i> TRMM satellite		<b>medical personnel</b>
inertial	<b>measuring units</b>		<b>medical phenomena</b>
	<i>use</i> inertial platforms		<b>medical science</b>
	<b>mecamylamine</b>		<b>medical services</b>
irises	<b>(mechanical apertures)</b>	aerospace	<b>medicine</b>
	<b>mechanical devices</b>	clinical	<b>medicine</b>
	<b>mechanical drawings</b>	nuclear	<b>medicine</b>
	<i>use</i> engineering drawings	radiation	<b>medicine</b>
	<b>mechanical drives</b>		<i>use</i> nuclear medicine
	<b>mechanical engineering</b>	space	<b>medicine</b>
	<b>mechanical fingers</b>		<i>use</i> aerospace medicine
	<i>use</i> end effectors	sports	<b>medicine</b>
	<b>mechanical hands</b>	veterinary	<b>medicine</b>
	<i>use</i> end effectors		<b>Mediterranean Sea</b>
	<b>mechanical impedance</b>	interplanetary	<b>medium</b>
	<b>mechanical measurement</b>		<b>medium scale integration</b>
	<b>mechanical oscillators</b>		<b>meetings</b>
	<b>mechanical properties</b>		<i>use</i> conferences
	<b>mechanical resonance</b>		<b>megalopolises</b>
	<i>use</i> resonant vibration		<b>megamechanics</b>
	<b>mechanical shock</b>		<b>Meissner effect</b>
	<b>mechanical twinning</b>		<i>use</i> diamagnetism
bladders	<b>(mechanics)</b>		superconductivity
	<i>use</i> diaphragms (mechanics)		<b>meitnerium</b>
celestial	<b>mechanics</b>		<b>melamine</b>
classical	<b>mechanics</b>		<b>melanin</b>
computational	<b>mechanics</b>		<b>melanoidin</b>
continuum	<b>mechanics</b>		<b>melatonin</b>
diaphragms	<b>(mechanics)</b>		<b>Mellin transforms</b>
fault	<b>mechanics</b>	diabetes	<b>mellitus</b>
	<i>use</i> fracture mechanics		<b>melt spinning</b>
flight	<b>mechanics</b>		<b>melting</b>
fluid	<b>mechanics</b>	arc	<b>melting</b>
fracture	<b>mechanics</b>		

- fusion **(melting)**
- levitation **melting**
- vacuum **melting**
- zone **melting**
- high **melting** compounds
  - use* refractory materials
- melting** points
- containerless **melts**
- impact **melts**
  - melts** (crystal growth)
  - MEM** (excursion module)
    - use* Mars Excursion Module
- skin (structural **member**)
- cantilever **members**
- plates (structural **members**)
- structural **members**
- studs (structural **members**)
  - membership** functions
  - membrane** analogy
    - use* membrane structures
    - structural analysis
- ion exchange **membrane** electrolytes
- jet **membrane** process
- membrane** structures
- membrane** theory
  - use* structural analysis
- membranes**
- choroid **membranes**
- webs **(membranes)**
  - use* membranes
- cell **membranes** (biology)
- magnetic **memories**
  - use* magnetic storage
- memory**
- associative **memory**
- carbon nanotube based **memory**
- content-addressable **memory**
  - use* associative memory
- distributed **memory**
- plastic **memory**
- random access **memory**
- shape **memory** alloys
- memory** (computers)
- optical **memory** (data storage)
- bubble **memory** devices
- chips **(memory** devices)
- compact disk read-only **memory** devices
  - use* optical disks
- read-only **memory** devices
- virtual **memory** systems
- optical **MEMS**
  - use* microoptoelectromechanical systems
- MEMS** (electromechanical devices)
  - use* microelectromechanical systems
- mendelevium**
- meningitis**
- menisci**
- menstruation**
- mental** health
- mental** performance
- mental** stress
  - use* stress (psychology)
- menthol**
- meprobamate**
- mercaptan**
  - use* thiols
- mercapto** compounds
  - use* thiols
- Mercator** projection
- Mercure** aircraft
- liquid **mercury**
  - use* mercury (metal)
- Mariner- **Mercury** 1973
- Mariner Venus- **Mercury** 1973
  - mercury** alloys
  - mercury** amalgams
  - mercury** arcs
  - Mercury** atmosphere
- mercury** cadmium tellurides
- mercury** compounds
- Ferranti **Mercury** computer
- Mercury** flights
- mercury** ion engines
- mercury** isotopes
- mercury** lamps
- Mercury** MA-1 flight
- Mercury** MA-2 flight
- Mercury** MA-3 flight
- Mercury** MA-4 flight
- Mercury** MA-5 flight
- Mercury** MA-6 flight
- Mercury** MA-7 flight
- Mercury** MA-8 flight
- Mercury** MA-9 flight
- mercury** (metal)
- Mercury** MR-1 flight
- Mercury** MR-2 flight
- Mercury** MR-3 flight
- Mercury** MR-4 flight
- mercury** oxides
- Mercury** (planet)
- Mercury** project
- Mercury** spacecraft
- Mercury** surface
- mercury** tellurides
- cadmium **mercury** tellurides
  - use* mercury cadmium tellurides
- Earth- **Mercury** trajectories
- mercury** vapor
- merging** routines
- meridional** flow
- figure of **merit**
- Merlin** (helicopter)
  - use* EH-101 helicopter
- meromorphic** functions
- Merritt** Island (FL)
- merwinite**
- mesas**
- MESFETs**
  - use* field effect transistors
- mesh**
- wire **mesh**
  - use* wire cloth
- mesh** generation (mathematics)
  - use* grid generation (mathematics)
- mesh** (mathematics)
  - use* computational grids
- mesh** refinement (mathematics)
  - use* grid refinement (mathematics)
- meshfree** methods
- meshless** methods
  - use* meshfree methods
- mesitylene**
- mesometeorology**
- meson- **meson** interactions
- meson-nucleon** interactions
- meson** resonance
- mesons**
- eta- **mesons**
- k- **mesons**
  - use* kaons
- omega- **mesons**
- rho- **mesons**
- sigma- **mesons**
- vector **mesons**
- X **mesons**
- mesopause**
- mesophiles**
- mesoscale** phenomena
- mesosphere**
- Solar **Mesosphere** Explorer
- Mesozoic** Era
- message** processing
- messages**
- messenger** RNA
  - use* ribonucleic acids
- MESENTER** (spacecraft)

- Messerschmitt** ME P-160 aircraft  
*use* P-160 aircraft  
**Messerschmitt** ME P-308 aircraft  
*use* P-308 aircraft  
**metabolic** diseases  
**metabolic** wastes  
**metabolism**  
adrenal **metabolism**  
ascorbic acid **metabolism**  
calcium **metabolism**  
carbohydrate **metabolism**  
electrolyte **metabolism**  
hydrogen **metabolism**  
lipid **metabolism**  
mineral **metabolism**  
nitrogen **metabolism**  
oxygen **metabolism**  
phosphorus **metabolism**  
protein **metabolism**  
hormone **metabolisms**  
**metabolites**  
**metacomputing**  
*use* grid computing (computer networks)  
**metadata**  
**metagalaxy**  
*use* universe  
babbitt **metal**  
lead **(metal)**  
mercury **(metal)**  
plate **(metal)**  
*use* metal plates  
sheet **metal**  
*use* metal sheets  
**metal** air batteries  
refractory **metal** alloys  
**metal** bonding  
metal- **metal** bonding  
**metal** clusters  
**metal** coatings  
**metal** combustion  
ceramic- **metal** composites  
*use* cermets  
**metal** compounds  
alkali **metal** compounds  
liquid **metal** cooled reactors  
**metal** corrosion  
*use* corrosion  
**metal** crystals  
**metal** cutting  
metal-insulator- **metal** diodes  
**metal** drawing  
liquid **metal** fast breeder reactors  
**metal** fatigue  
**metal** fibers  
**metal** films  
**metal** finishing  
**metal** fluorides  
**metal** foams  
**metal** foils  
**metal** forging  
*use* forging  
**metal** forming  
*use* forming techniques  
metal working  
**metal** fuels  
**metal**-gas systems  
**metal** grinding  
**metal** halides  
**metal** hardening  
*use* hardening (materials)  
**metal** hydrides  
**metal** insulator semiconductors  
*use* MIS (semiconductors)  
gas- **metal** interactions  
**metal** ions  
**metal** joints  
metal-barrier- **metal** junctions  
**metal** matrix composites  
**metal**-nitride-oxide-semiconductors  
**metal**-nitride-oxide-silicon  
**metal** nitrides  
**metal** organic chemical vapor deposition  
*use* metalorganic chemical vapor deposition  
**metal** oxide semiconductors  
complementary **metal** oxide semiconductors  
*use* CMOS  
**metal** oxides  
**metal** particles  
**metal** plates  
**metal** polishing  
**metal** powder  
**metal** propellants  
metal-insulator- **metal** semiconductors  
metal-oxide- **metal** semiconductors  
metal-semiconductor- **metal** semiconductors  
**metal** sheets  
**metal** shells  
**metal** spinning  
**metal** spraying  
**metal** strips  
**metal** surfaces  
**metal** vapor lasers  
**metal** vapors  
**metal**-water reactions  
**metal** whisker reinforcement  
*use* whisker composites  
**metal** working  
**metallic** glasses  
**metallic** hydrogen  
**metallic** plasmas  
**metallic** stars  
**metallicity**  
**metallizing**  
**metallography**  
**metalloids**  
**metallorganic** compounds  
*use* organometallic compounds  
**metalloxiloxane** polymers  
*use* organometallic polymers  
**metalloxane** polymers  
*use* organometallic polymers  
**metallurgy**  
aging **(metallurgy)**  
HAZ **(metallurgy)**  
*use* heat affected zone  
lamella **(metallurgy)**  
pickling **(metallurgy)**  
powder **metallurgy**  
rapid quenching **(metallurgy)**  
spinning **(metallurgy)**  
*use* metal spinning  
temper **(metallurgy)**  
**metalorganic** chemical vapor deposition  
**metals**  
alkali **metals**  
alkaline earth **metals**  
ferrous **metals**  
heavy **metals**  
lanthanide series **metals**  
*use* rare earth elements  
liquid **metals**  
magnetic **metals**  
*use* magnetic materials  
metals  
noble **metals**  
nonferrous **metals**  
notched **metals**  
*use* notch tests  
polished **metals**  
*use* metal polishing  
powdered **metals**  
*use* metal powder  
precious **metals**  
*use* noble metals  
refractory **metals**  
synthetic **metals**

- transition **metals**
- ultrapure **metals**
- metamorphic** rocks
- metamorphism** (geology)
- metastability**
  - use* metastable state
- metastable** atoms
- metastable** state
- metastasis**
- metathesis**
- metazoa**
  - use* animals
- Brorsen- **Metcalf** comet
- Meteor** 1 rocket vehicle
- meteor** bursts
  - use* meteoroid showers
- meteor** craters
  - use* meteorite craters
- meteor** hazards
  - use* meteoroid hazards
- Harvard Radio **Meteor** Project
- meteor** trails
- Alais **meteorite**
- Allende **meteorite**
- Aroos **meteorite**
- Bondoc **meteorite**
- Bruderheim **meteorite**
- Cold Bokkeveld **meteorite**
- Harleton **meteorite**
- Ivuna **meteorite**
- Lazarev **meteorite**
- Murchison **meteorite**
- Murray **meteorite**
- Odessa **meteorite**
- Okhansk **meteorite**
- Orgueil **meteorite**
- Pribram **meteorite**
- Sikhote-Alin **meteorite**
- Tonk **meteorite**
- Tungusk **meteorite**
  - meteorite** collisions
  - meteorite** compression tests
    - use* compression tests
    - mechanical properties
    - meteorites
  - meteorite** craters
- fossil **meteorite** craters
  - use* fossils
  - meteorite craters
- meteorite** impacts
  - use* meteorite collisions
- meteorite** parent bodies
- meteorites**
- carbonaceous **meteorites**
- iron **meteorites**
- Martian **meteorites**
  - use* SNC meteorites
- Shergotty Nakhla Chassigny **meteorites**
  - use* SNC meteorites
- siderite **meteorites**
  - use* iron meteorites
- SNC **meteorites**
- stony **meteorites**
- stony-iron **meteorites**
  - meteoritic** composition
  - meteoritic** damage
  - meteoritic** diamonds
  - meteoritic** dust
    - use* micrometeoroids
  - meteoritic** ionization
    - use* atmospheric ionization
    - meteor trails
  - meteoritic** microstructures
- meteoroid** concentration
- meteoroid** craters
  - use* meteorite craters
- meteoroid** dust clouds
- meteoroid** hazards
- meteoroid** parent bodies
  - use* meteorite parent bodies
- meteoroid** protection
- Radiation and **Meteoroid** satellite
- meteoroid** showers
- Radiation **Meteoroid** spacecraft
- Meteoroid** Technology Satellite
  - use* Explorer 46 satellite
- meteoroids**
- Aquarid **meteoroids**
- Arietid **meteoroids**
- Cyrrillid **meteoroids**
- Draconid **meteoroids**
- Geminid **meteoroids**
- Leonid **meteoroids**
- Orionid **meteoroids**
- Perseid **meteoroids**
- Quadrantid **meteoroids**
- sporadic **meteoroids**
- Taurid **meteoroids**
- meteorological** balloons
- meteorological** charts
- meteorological** flight
- meteorological** instruments
- World **Meteorological** Organization
- meteorological** parameters
- meteorological** probes
  - use* sondes
- meteorological** radar
- meteorological** research aircraft
- meteorological** rockets
  - use* sounding rockets
- Defense **Meteorological** Satellite Program
  - use* DMSP satellites
- Synchronous **Meteorological** Satellite
- meteorological** satellites
- meteorological** services
- meteorological** solenoids
- meteorological** stations
  - use* weather stations
- meteorology**
- Alpine **meteorology**
- aviation **meteorology**
- ceilings **(meteorology)**
- clouds **(meteorology)**
- frontal areas **(meteorology)**
  - use* fronts (meteorology)
- fronts **(meteorology)**
- jet streams **(meteorology)**
- leaders **(meteorology)**
- long waves **(meteorology)**
  - use* planetary waves
- marine **meteorology**
- microbursts **(meteorology)**
- MJO **(meteorology)**
  - use* Madden-Julian Oscillation
- nuclear **meteorology**
- planetary **meteorology**
- polar **meteorology**
- precipitation **(meteorology)**
- radio **meteorology**
- storms **(meteorology)**
- synoptic **meteorology**
- teleconnections **(meteorology)**
- tropical **meteorology**
- wind **(meteorology)**
- WWW **(meteorology)**
  - use* meteorological services
- zonal flow **(meteorology)**
- Surface **Meteorology** and Solar Energy project
- meteors**
  - use* meteoroids
- radio **meteors**
- METEOSAT** satellite
- meteors**
  - use* measuring instruments
- conductivity **meteors**
- electrical conductivity **meteors**
- field intensity **meteors**

- gas **meters**
- gravity **meters**  
*use* gravimeters
- hot-wire turbulence **meters**  
*use* hot-wire flowmeters  
turbulence meters
- light scattering **meters**
- moisture **meters**
- noise **meters**
- radiation **meters**  
*use* radiation measuring instruments
- rate **meters**  
*use* measuring instruments
- turbulence **meters**
- vibration **meters**
- polymethyl **methacrylate**  
**methacrylate** resins  
*use* acrylic resins
- methamphetamine**
- methanation**
- methane**
- synthetic **methane**  
*use* synthane
- methanol**  
*use* methyl alcohol
- methenyl**  
*use* methylidyne
- methionine**
- Biot **method**
- boundary element **method**
- boundary integral **method**
- Bridgman **method**
- CE/SE **method**  
*use* space-time CE/SE method
- characteristic **method**  
*use* method of characteristics
- cluster variation **method**
- conjugate gradient **method**
- Cowell **method**  
*use* numerical integration
- Crank-Nicholson **method**
- critical path **method**
- Crocco **method**
- Czochralski **method**
- Debye-Scherrer **method**
- embedded atom **method**
- Encke **method**
- finite difference time domain **method**
- finite element **method**
- finite volume **method**
- Fujita **method**
- Galerkin **method**
- Glimm **method**
- Godunov **method**
- Halphen **method**
- Hartree-Fock-Slater **method**
- Hill **method**
- hybrid-Trefftz finite element **method**  
*use* finite element method  
Trefftz method
- Jacobi matrix **method**
- Kjeldahl **method**
- Latin square **method**
- Laue **method**
- least squares **method**
- Lighthill **method**
- maximum entropy **method**
- Maxwell-Mohr **method**
- Milne **method**
- Milne-Thomson **method**
- minimum entropy **method**
- modified embedded atom **method**  
*use* embedded atom method
- Monte Carlo **method**
- Newton-Raphson **method**
- Percus **method**
- Pohlhausen **method**
- Rayleigh-Ritz **method**
- Ritz averaging **method**
- ruler **method**
- Runge-Kutta **method**
- Schmidt **method**
- Schwartz **method**
- simplex **method**
- space-time CE/SE **method**
- steepest ascent **method**  
*use* steepest descent method
- steepest descent **method**
- traveling solvent **method**
- Trefftz **method**
- Van Slyke **method**
- variation **method**  
*use* calculus of variations
- VIC **method**  
*use* vortex in cell technique
- von Zeipel **method**
- vortex lattice **method**
- Wentzel-Kramer-Brillouin **method**
- panel **method** (fluid dynamics)
- Delphi **method** (forecasting)
- pattern **method** (forecasting)
- probe **method** (forecasting)
- profile **method** (forecasting)
- point matching **method** (mathematics)  
*use* boundary value problems
- relaxation **method** (mathematics)  
**method** of characteristics  
**method** of moments
- wing flow **method** tests  
**methodology**  
**methods**  
*use* methodology  
procedures
- ADI **methods**  
*use* alternating direction implicit  
methods
- alternating direction implicit **methods**
- approximation **methods**  
*use* approximation
- asymptotic **methods**
- computer **methods**  
*use* computer programs
- energy **methods**
- equilibrium **methods**
- gridfree **methods**  
*use* meshfree methods
- heuristic **methods**
- management **methods**
- matrix **methods**
- meshfree **methods**
- meshless **methods**  
*use* meshfree methods
- multigrid **methods**
- Newton **methods**
- optical **methods**  
*use* optics
- predictor-corrector **methods**
- production **methods**  
*use* production engineering
- renormalization group **methods**
- spectral **methods**
- strain energy **methods**
- Taguchi **methods**
- in vitro **methods** and tests
- in vivo **methods** and tests
- methoxy** systems
- methyl** alcohol
- methyl** chloride
- methyl** chlorosilanes
- methyl** compounds
- methyl** cyanide  
*use* acetonitrile
- methyl** nitrate
- methyl** polysiloxanes
- methylation**
- methylene**
- methylene** blue
- methylene** diamine

- methylhydrazine**
- methylidyne**
- CH **(methylidyne)**
  - use* methylidyne
- Metis**
- Schwarzschild **metric**
- space-time **metric**
  - use* space-time functions
- metric** conversion
  - use* metrication
- metric** photography
- metric** space
- metric** system
  - use* International System of Units
- metrication**
- metrology**
- Metropolitan** aircraft
  - use* CV-440 aircraft
- metropolitan** areas
  - use* cities
- Mexican** space program
- Mexico**
- Gulf of **Mexico**
- Gulf of California **(Mexico)**
- Lower California **(Mexico)**
- New **Mexico**
- Prandtl-**Meyer** expansion
- MFM** (microscopy)
  - use* magnetic force microscopy
- MGCO**
  - use* Mars Observer
- MGS** (spacecraft)
  - use* Mars Global Surveyor
- MH-262** aircraft
- Max Holste **MH-262** aircraft
  - use* MH-262 aircraft
- Pontiac **(MI)**
- Saginaw Bay **(MI)**
- mica**
- micarta**
- mice**
- knockout **mice**
- pocket **mice**
- micelles**
- Michael** reaction
- Michaelis** theory
- Michell** theorem
- Michelson** interferometers
- Michigan**
- Lake **Michigan**
- microanalysis**
- microbalances**
- microballoons**
- microbe**
  - use* microorganisms
- microbeams**
- microbiology**
- microbursts** (meteorology)
- microcalorimeters**
  - use* calorimeters
- multi-anode **microchannel** arrays
- microchannel** plates
- microchannels**
- microcircuits**
  - use* microelectronics
- encapsulated **microcircuits**
- microclimatology**
- microcomputers**
- microcracks**
- microcrystals**
- Microcystis**
- microdensitometers**
- microelectromechanical** systems
- microelectronics**
- LOC **(microelectronics)**
  - use* lab-on-a-chip devices
- SoC **(microelectronics)**
  - use* systems-on-a-chip
- microfibers**
- microfilms**
- microfluidic** devices
- micrography**
  - use* photomicrography
- microgravity**
- microgravity** applications
- microhardness**
- microindentation**
  - use* microhardness
- microinstrumentation**
- micromachining**
- laser **micromachining**
  - use* laser machining
- micromanometers**
  - use* manometers
- micromechanics**
- micrometeorites**
- Micrometeoroid** Explorer satellites
- micrometeoroids**
- micrometeorology**
- micrometeors**
  - use* micrometeoroids
- micrometers**
- micromillimeters**
- microminiaturization**
- microminiaturized** electronic devices
- micromodules**
- micromotors**
- microoptoelectromechanical** systems
- microorganisms**
- microparticles**
- microphones**
- microphotographs**
- microphotometers**
  - use* photometers
- microplasmas**
- micropolar** fluids
- microporosity**
- Intel 8080 **microprocessor**
- microprocessors**
- microprogramming**
- micropulsations**
- geomagnetic **micropulsations**
- microrocket** engines
- microsatellites**
- microsats**
  - use* microsatellites
- microscales**
  - use* microbalances
- scanning laser acoustic **microscope** (SLAM)
  - use* acoustic microscopes
- microscopes**
- acoustic **microscopes**
- electron **microscopes**
- ion **microscopes**
- optical **microscopes**
- microscopy**
- AFM **(microscopy)**
  - use* atomic force microscopy
- atomic force **microscopy**
- electron **microscopy**
- laser **microscopy**
- magnetic force **microscopy**
- MFM **(microscopy)**
  - use* magnetic force microscopy
- photoacoustic **microscopy**
- scanning electron **microscopy**
- scanning tunneling **microscopy**
- SEM **(microscopy)**
  - use* scanning electron microscopy
- slides **(microscopy)**
- TEM **(microscopy)**
  - use* transmission electron microscopy
- transmission electron **microscopy**
- ultraviolet **microscopy**
- microseisms**
- microsonics**
- microspores**
- microstrip** antennas

- microstrip** devices  
**microstrip** transmission lines  
**microstructure**  
meteoritic **microstructures**  
**microthrust**  
**microtomy**  
**microtrons**  
**microvision** landing aid  
power transmission **(microwave)**  
*use* microwave power beaming  
**microwave** absorption  
**microwave** amplifiers  
**Microwave** Anisotropy Probe  
**microwave** antennas  
**microwave** attenuation  
cosmic **microwave** background radiation  
**microwave** circuits  
**microwave** coupling  
**microwave** emission  
**microwave** equipment  
**microwave** filters  
**microwave** frequencies  
**microwave** holography  
**microwave** imagery  
**microwave** interferometers  
**microwave** landing systems  
**microwave** oscillators  
**microwave** photography  
**microwave** plasma probes  
**microwave** power beaming  
**microwave** probes  
**microwave** radiation  
*use* microwaves  
**microwave** radiometers  
**microwave** reflectometers  
**microwave** resonance  
**microwave** scanning beam landing system  
**microwave** scattering  
**microwave** sensors  
**microwave** signatures  
**microwave** sounding  
Advanced **Microwave** Sounding Unit  
**microwave** spectra  
interstellar **microwave** spectra  
*use* interstellar radiation  
microwave spectra  
**microwave** spectrometers  
**microwave** switching  
**microwave** transmission  
**microwave** tubes  
**microwaves**  
**microweighing**  
*use* weight measurement  
**microyield** strength  
**micturition**  
*use* urination  
**mid-ocean** ridges  
**mid-oceanic** ridges  
*use* mid-ocean ridges  
**midair** collisions  
**midaltitude**  
**Midas** 2 satellite  
**Midas** 3 satellite  
**Midas** 4 satellite  
**Midas** 5 satellite  
**Midas** 6 satellite  
**Midas** 7 satellite  
**Midas** satellites  
**midcourse** guidance  
**midcourse** trajectories  
**middle** atmosphere  
**middle** ear  
**middle** ear pressure  
**Middle** East  
**midlatitude** atmosphere  
**midlatitudes**  
*use* temperate regions  
**Mie** scattering
- Mie** theory  
*use* Mie scattering  
**MiG** aircraft  
**migration**  
thermocapillary **migration**  
**Mil** aircraft  
**Milankovitch** theory  
*use* climatology  
**military** air facilities  
**military** aircraft  
Fairchild **military** aircraft  
*use* Fairchild-Hiller aircraft  
Gyrodyne **military** aircraft  
*use* QH-50 helicopter  
Helio **military** aircraft  
*use* Helio aircraft  
**military** aviation  
**military** compact reactors  
**military** helicopters  
Vertol **military** helicopters  
*use* Boeing aircraft  
**military** operations  
**military** personnel  
**military** psychiatry  
*use* military psychology  
**military** psychology  
**military** spacecraft  
**military** technology  
**military** vehicles  
**milk**  
**Milky** Way Galaxy  
**millet**  
**millimeter** waves  
**milling**  
chemical **milling**  
*use* chemical machining  
**milling** machines  
**milling** (machining)  
**milling** (mixing)  
*use* compounding  
**millivoltmeters**  
grinding **mills**  
Yang- **Mills** fields  
**Mills** ratio  
Yang- **Mills** theory  
**Milne** method  
**Milne-Thomson** method  
**MIM** diodes  
**MIM** (semiconductors)  
**Mimas**  
**MIMD** (computers)  
**MIMO** (control systems)  
**Mindlin** plate theory  
*use* Mindlin plates  
**Mindlin** plates  
Reissner- **Mindlin** plates  
*use* Mindlin plates  
**mine** detectors  
**Miner** rule  
*use* Palmgren-Miner rule  
Palmgren- **Miner** rule  
dolomite **(mineral)**  
bone **mineral** content  
**mineral** deposits  
**mineral** exploration  
**mineral** metabolism  
**mineral** oils  
**mineralogy**  
**minerals**  
**mines**  
**mines** (excavations)  
**mines** (ordnance)  
**miniature** electronic equipment  
**miniaturization**  
**minicomputers**  
**minima**  
**minimal** surfaces  
**minimax** technique

- minimization**
  - use* optimization
- minimum** drag
- minimum** entropy method
- minimum** variance orbit determination
- mining**
- data **mining**
- lunar **mining**
- strip **mining**
- minitrack** optical tracking system
  - use* minitrack system
- minitrack** system
- MINIVAR** orbit determination
  - use* minimum variance orbit determination
- Minkowski** space
- Minnesota**
- minor** circle turning flight
- Minor** Planet 1221
  - use* Amor asteroid
- Minor** Planet 2060
  - use* Chiron
- minor** planets
  - use* asteroids
- minorities**
- minority** carriers
- MINOS** computer
- heart **minute** volume
- Minuteman** ICBM
- Minuteman** missiles
  - use* Minuteman ICBM
- miosis**
- Mir** space station
- Mira** Ceti star
  - use* Omicron Ceti star
- Mira** variables
- Mirage** 3 aircraft
- Dassault **Mirage** 3 aircraft
  - use* Mirage 3 aircraft
- Mirage** aircraft
- Miranda**
- Miranda** satellite
- Miros** system
- mirror** fusion
- X Ray Multi-**Mirror** Mission
  - use* XMM-Newton telescope
- mirror** point
- mirrors**
- Bragg **mirrors**
  - use* Bragg reflectors
- deformable **mirrors**
- honeycomb **mirrors**
- magnetic **mirrors**
- paraboloid **mirrors**
- rotating **mirrors**
- segmented **mirrors**
- tandem **mirrors**
- MIS** (semiconductors)
- misalignment**
- mischmetal**
- miscibility**
  - use* solubility
- miscibility** gap
- von **Mises** theory
  - use* stress functions
- MISFETs**
  - use* field effect transistors
- mismatch** (electrical)
- misorientation**
  - use* misalignment
- MISR** (radiometry)
- miss** distance
- Antelope **missile**
- Blue Goose **missile**
- Blue Steel **missile**
- Blue Streak **missile**
- BOMARC A **missile**
- BOMARC B **missile**
- Chaparral **missile**
- Condor **missile**
- Corporal **missile**
- Corvus **missile**
- Falcon **missile**
- Harpoon **missile**
- Hawk **missile**
- Hound Dog **missile**
- Jupiter **missile**
- Lance **missile**
- Matra **missile**
- Mauler **missile**
- MX **missile**
- Navaho **missile**
- Nike-Ajax **missile**
- Nike-Hercules **missile**
- Nike-Zeus **missile**
- Osprey **missile**
- Patriot **missile**
- Peacekeeper **missile**
  - use* MX missile
- Pershing **missile**
- Polaris A1 **missile**
- Polaris A2 **missile**
- Polaris A3 **missile**
- quail **missile**
- Redeye **missile**
- Regulus **missile**
- Sandpiper target **missile**
- Shrike **missile**
- Skybolt **missile**
- SM-65 **missile**
  - use* Atlas launch vehicles
- SM-68 **missile**
  - use* Titan 1 ICBM
- SM-68B **missile**
  - use* Titan 2 ICBM
- Sparrow 2 **missile**
- Sparrow 3 **missile**
- Spartan **missile**
- Sprint **missile**
- SS-11 **missile**
- Subroc **missile**
- supersonic low altitude **missile**
- Talos **missile**
- tartar **missile**
- terrier **missile**
- V-1 **missile**
- V-2 **missile**
- Zeus **missile**
  - use* Nike-Zeus missile
- missile** antennas
- missile** bodies
- missile** cases
  - use* missile bodies
- missile** components
- missile** configurations
- missile** construction
  - use* missile structures
- missile** control
- ballistic **missile** decoys
- missile** defense
- missile** design
- missile** detection
- Ballistic **Missile** Early Warning System
- missile** engine cases
  - use* rocket engine cases
- missile** guidance
  - use* missile control
- missile** launchers
- mobile **missile** launchers
- Satellite and **Missile** Observation System
  - use* Samos
- missile** ranges
- missile** signatures
- missile** silos
- missile** simulators
- missile** stabilization
  - use* missile control stabilization

- missile storage
- silos (missile storage)
  - use missile silos
- missile structures
- ballistic missile submarines
- guided missile submarines
- missile systems
- missile tests
- missile tracking
- missile trajectories
- missile vibration
- missiles
- air slew missiles
- air to air missiles
- air to surface missiles
- antiaircraft missiles
- antimissile missiles
- antiradiation missiles
- antiship missiles
- antitank missiles
- ballistic missiles
- BOMARC missiles
- Bullpup missiles
- cruise missiles
- electromagnetic missiles
- FBM (missiles)
  - use fleet ballistic missiles
- field army ballistic missiles
- fleet ballistic missiles
- ground-to-air missiles
  - use surface to air missiles
- ICBM (missiles)
  - use intercontinental ballistic missiles
- intercontinental ballistic missiles
- intermediate range ballistic missiles
- IRBM (missiles)
  - use intermediate range ballistic missiles
- Mace missiles
- Maverick missiles
- Minuteman missiles
  - use Minuteman ICBM
- Nike missiles
- polaris missiles
- Poseidon missiles
- radar homing missiles
- ramjet missiles
- self initiated antiaircraft missiles
  - use SIAM missiles
- sergeant missiles
- Shillelagh missiles
- short range ballistic missiles
- SIAM missiles
- Sidewinder missiles
- Sparrow missiles
- surface to air missiles
- surface to surface missiles
- Tomahawk missiles
- tow missiles
- underwater to surface missiles
- missing mass (astrophysics)
- AAP 1 mission
- AAP 2 mission
- AAP 3 mission
- AAP 4 mission
- Cassini mission
- Cluster Mission
- Comet Rendezvous Asteroid Flyby Mission (mission)
  - use Comet Nucleus Tour
- CRAF mission
  - use Comet Rendezvous Asteroid Flyby Mission
- Deep Impact Mission
- Deep Space 1 Mission
- DS1 (space mission)
  - use Deep Space 1 Mission
- Galileo mission
  - use Galileo project
- Genesis mission
- Geopotential Research Mission
- Giotto mission
- GRACE mission
- GRAIL mission
- Gravity Recovery and Climate Experiment mission
  - use GRACE mission
- Heat Capacity Mapping Mission
- International Solar Polar Mission
  - use Ulysses mission
- Juno mission
- Kepler mission
- MA-2 mission
  - use Mercury MA-2 flight
- Mars Rover Sample Return Mission
  - use Mars sample return missions
- Mars Surveyor 2001 Mission
- Near Earth Asteroid Rendezvous Mission
- New Horizons mission
- ROSAT mission
- Rosetta mission
- SOHO Mission
- Solar Maximum Mission
- Stardust Mission
- Starprobe mission
- Ulysses mission
- Voyager 1977 mission
- X Ray Multi-Mirror Mission
  - use XMM-Newton telescope
- Space Shuttle mission 31-A
- Space Shuttle mission 31-B
- Space Shuttle mission 31-C
- Space Shuttle mission 31-D
- Space Shuttle mission 41-A
- Space Shuttle mission 41-B
- Space Shuttle mission 41-C
- Space Shuttle mission 41-D
- Space Shuttle mission 41-G
- Space Shuttle mission 51-A
- Space Shuttle mission 51-B
- Space Shuttle mission 51-C
- Space Shuttle mission 51-D
- Space Shuttle mission 51-E
- Space Shuttle mission 51-F
- Space Shuttle mission 51-G
- Space Shuttle mission 51-H
- Space Shuttle mission 51-I
- Space Shuttle mission 51-J
- Space Shuttle mission 51-L
- Space Shuttle mission 61-A
- Space Shuttle mission 61-B
- Space Shuttle mission 61-C
- Space Shuttle mission 61-E
- Solar Maximum Mission-A mission adaptive wings
- integrated mission control center
- Magellan Mission (ESA)
  - use Magellan ultraviolet astronomy satellite
- mission planning
- Tropical Rainfall Measuring Mission sat
  - use TRMM satellite
- Glory Mission satellite
- Shuttle Mission Simulator Mission to Planet Earth missions
- aborted missions
- asteroid missions
- flyby missions
- Landsat follow-on missions
- manned Mars missions
- Mars missions
- Mars sample return missions
- outer planet missions
  - use Grand Tours
- sample return missions
- space missions
- Space Shuttle missions

Astro	<b>missions</b> (STS)	<b>mobility</b>
	<b>Mississippi</b>	carrier <b>mobility</b>
	<b>Mississippi</b> Delta (LA)	electron <b>mobility</b>
	<b>Mississippi</b> River (US)	hole <b>mobility</b>
	<b>Missouri</b>	ionic <b>mobility</b>
	<b>Missouri</b> River Basin (US)	negative diff <b>mobility</b> semiconductors
	<b>Missouri</b> River (US)	<i>use</i> NDM semiconductor devices
	<b>mist</b>	ion <b>mobility</b> spectroscopy
	<b>mistuning</b> (turbomachinery)	high electron <b>mobility</b> transistors
	<b>mitochondria</b>	extravehicular <b>mobility</b> units
	<b>mitosis</b>	Mars Orbiter Camera ( <b>MOC</b> )
	<b>mitra</b>	<i>use</i> Mars Global Surveyor
	<b>MIUS</b>	<b>MOCVD</b> (vapor deposition)
	<i>use</i> Modular Integrated Utility System	<i>use</i> metalorganic chemical vapor deposition
	<b>mixed</b> crystals	<b>modal</b> response
	<b>mixed</b> flow	<b>Modcomp</b> II computer
	<i>use</i> multiphase flow	<b>Modcomp</b> IV computer
	<b>mixed</b> oxides	<b>mode</b>
automated	<b>mixed</b> traffic vehicles	asynchronous transfer <b>mode</b>
	<b>mixers</b>	vibration <b>mode</b>
	<b>mixing</b>	<b>mode</b> coupling
four-wave	<b>mixing</b>	<i>use</i> coupled modes
laminar	<b>mixing</b>	laser <b>mode</b> locking
milling	( <b>mixing</b> )	<b>mode</b> of vibration
	<i>use</i> compounding	<i>use</i> vibration mode
signal	<b>mixing</b>	dual <b>mode</b> propulsion
suspending	( <b>mixing</b> )	<i>use</i> hybrid propulsion
turbulent	<b>mixing</b>	<b>mode</b> shapes
	<b>mixing</b> circuits	<i>use</i> modal response
	<b>mixing</b> depth	<b>mode</b> (statistics)
	<i>use</i> mixing height	field <b>mode</b> theory
jet	<b>mixing</b> flow	<b>mode</b> transformers
	<b>mixing</b> height	Baldwin-Lomax turbulence <b>model</b>
	<b>mixing</b> layers (fluids)	BGK <b>model</b>
	<b>mixing</b> length flow theory	Bhatnagar-Grass-Krook <b>model</b>
	<b>mixing</b> ratios	<i>use</i> BGK model
spectral	<b>mixture</b> analysis	density wave <b>model</b>
	<b>mixtures</b>	electroweak <b>model</b>
binary	<b>mixtures</b>	Ising <b>model</b>
detonable gas	<b>mixtures</b>	kappa-epsilon turbulence <b>model</b>
gas	<b>mixtures</b>	<i>use</i> k-epsilon turbulence model
liquid-gas	<b>mixtures</b>	kappa-omega turbulence <b>model</b>
J93-	<b>MJ252H</b> engine	<i>use</i> k-omega turbulence model
	<i>use</i> J-93 engine	k-epsilon turbulence <b>model</b>
J93-	<b>MJ280G</b> engine	k-omega turbulence <b>model</b>
	<i>use</i> J-93 engine	Lighthill gas <b>model</b>
	<b>MJO</b> (meteorology)	quark parton <b>model</b>
	<i>use</i> Madden-Julian Oscillation	standard electroweak <b>model</b>
Argosy	<b>MK-1</b> aircraft	<i>use</i> electroweak model
Short Belfast C	<b>MK-1</b> aircraft	Thomas-Fermi <b>model</b>
	<i>use</i> SC-5 aircraft	vector dominance <b>model</b>
Victor	<b>MK-1</b> aircraft	Veneziano <b>model</b>
Westland	<b>MK-10</b> helicopter	Weinberg-Salam Gauge <b>Model</b>
	<i>use</i> Westland Whirlwind helicopter	<i>use</i> electroweak model
Whirlwind	<b>MK-10</b> helicopter	Lockheed <b>model</b> 18 aircraft
	<i>use</i> Westland Whirlwind helicopter	standard <b>model</b> (particle physics)
Vampire	<b>MK</b> 35 aircraft	<b>model</b> reference adaptive control
	<b>ML-1</b> nuclear power plant	continuum <b>modeling</b>
	<b>MLA</b>	<b>models</b>
	<i>use</i> multispectral linear arrays	aircraft <b>models</b>
	<b>MMH</b> (chemistry)	animal <b>models</b>
	<i>use</i> monomethylhydrazines	astronomical <b>models</b>
	<b>MMS</b>	atmospheric <b>models</b>
	<i>use</i> multimission modular spacecraft	Atmospheric General Circulation <b>Models</b>
	<b>mnemonics</b>	biological <b>models</b>
	<b>MNOS</b>	<i>use</i> bionics
	<i>use</i> metal-nitride-oxide-silicon	breadboard <b>models</b>
St Louis-Kansas City Corridor	( <b>MO</b> )	climate <b>models</b>
	<b>mobile</b> communication systems	digital elevation <b>models</b>
lunar	<b>mobile</b> laboratories	dynamic <b>models</b>
	<b>mobile</b> lounges	environment <b>models</b>
	<b>mobile</b> missile launchers	hydrology <b>models</b>
	<b>mobile</b> quarantine facility	mathematical <b>models</b>
land	<b>mobile</b> satellite service	multiscale <b>models</b>
	<b>Mobile</b> Servicing System (ISS)	nuclear <b>models</b>
	<i>use</i> Space Station Mobile Servicing System	ocean <b>models</b>
Space Station	<b>Mobile</b> Servicing System	powered <b>models</b>
atomic	<b>mobilities</b>	quark <b>models</b>

- scale **models**
- semispan **models**
- spacecraft **models**
- static **models**
- stellar **models**
- three dimensional **models**
- turbulence **models**
- two dimensional **models**
- two fluid **models**
- wind tunnel **models**
- biological **models** (mathematics)
- modems**
- Moderate** Resolution Imaging Spectroradiometer
  - use* MODIS (radiometry)
- organic **moderated** reactors
- water **moderated** reactors
- moderation** (energy absorption)
- moderators**
- modes**
- axial **modes**
- ballooning **modes**
- coupled **modes**
- failure **modes**
- laser **modes**
- propagation **modes**
- pushbroom sensor **modes**
- uncoupled **modes**
- whispering gallery **modes**
- tearing **modes** (plasmas)
- modes** (standing waves)
- MODFETS**
- modification**
  - use* revisions
- weather **modification**
- modified** embedded atom method
  - use* embedded atom method
- genetically **modified** plants
- MODIS** (radiometry)
- Modular** Integrated Utility System
- modular** ratios
- multimission **modular** spacecraft
- modularity**
- modulated** continuous radiation
- modulating** retrodirective optics
  - use* Miros system
- modulation**
- AM **(modulation)**
  - use* amplitude modulation
- amplitude **modulation**
- carrier **modulation**
  - use* modulation
- delta **modulation**
- differential pulse code **modulation**
- DPCM **(modulation)**
  - use* differential pulse code modulation
- FBFM **(modulation)**
  - use* feedback frequency modulation
- feedback frequency **modulation**
- FM **(modulation)**
  - use* frequency modulation
- FM/PM **(modulation)**
- frequency **modulation**
- ionospheric cross **modulation**
- light **modulation**
- optical **modulation**
  - use* light modulation
- optical maser **modulation**
  - use* light modulation
- PAM **(modulation)**
  - use* pulse amplitude modulation
- PCM **(modulation)**
  - use* pulse code modulation
- PDM **(modulation)**
  - use* pulse duration modulation
- PFM **(modulation)**
  - use* pulse frequency modulation
- phase **modulation**
- polarization **modulation**
- PPM **(modulation)**
  - use* pulse position modulation
- PTM **(modulation)**
  - use* pulse time modulation
- pulse **modulation**
- pulse amplitude **modulation**
- pulse code **modulation**
- pulse duration **modulation**
- pulse frequency **modulation**
- pulse position **modulation**
- pulse time **modulation**
- pulse width **modulation**
  - use* pulse duration modulation
- PWM **(modulation)**
  - use* pulse duration modulation
- QAM **(modulation)**
  - use* quadrature amplitude modulation
- quadrature amplitude **modulation**
- single sideband **modulation**
  - use* single sideband transmission
- traveling wave **modulation**
- ULM (light **modulation)**
  - use* ultrasonic light modulation
- ultrasonic light **modulation**
- velocity **modulation**
  - doped fets
  - use* MODFETS
- modulation** doping
- frequency **modulation** photomultipliers
- pulse frequency **modulation** telemetry
- modulation** transfer function
- pressure **modulator** radiometers
- modulators**
- light **modulators**
- modulators-demodulators**
  - use* modems
- Apollo lunar experiment **module**
- Columbus **module**
- Cupola **Module**
- Destiny Laboratory **Module**
- Kibo Japanese Experiment **Module**
- LEM (lunar **module)**
  - use* Lunar Module
- local scientific survey **module**
- Lunar **Module**
- Mars Excursion **Module**
- MEM (excursion **module)**
  - use* Mars Excursion Module
- payload assist **module**
- Priroda **module**
- Unity connecting **module**
- Zarya control **module**
- Zvezda Service **Module**
  - use* Service Module (ISS)
- Lunar **Module** 5
- Lunar **Module** 7
- Lunar **Module** Ascent Stage
- Donatello Logistics **Module** (ISS)
  - use* Multi-Purpose Logistics Modules
- Leonardo Logistics **Module** (ISS)
  - use* Multi-Purpose Logistics Modules
- Raffaello Logistics **Module** (ISS)
  - use* Multi-Purpose Logistics Modules
- Service **Module** (ISS)
- US Laboratory **Module** (ISS)
  - use* Destiny Laboratory Module
- modules**
- airlock **modules**
- chemical release **modules**
- command **modules**
- command service **modules**
- electronic **modules**
- Kvant **modules**
- landing **modules**
- lunar landing **modules**
- Lunar Surface Scientific **Modules**
  - use* LSSM
- Multi-Purpose Logistics **Modules**

**modules**

scientific instrument **modules**  
*use* SIM  
 service **modules**  
 space station **modules**  
 spacecraft **modules**  
 spacecraft docking **modules**  
 power **modules** (STS)  
 bulk **modulus**  
 elastic **modulus**  
*use* modulus of elasticity  
 Young **modulus**  
*use* modulus of elasticity  
**modulus** of elasticity  
 dynamic **modulus** of elasticity  
**MOEMS**  
*use* microoptoelectromechanical systems  
**Mohawk** aircraft  
*use* OV-1 aircraft  
**Mohr** circles  
*use* fracture mechanics  
 Maxwell- **Mohr** method  
**Moire** effects  
**Moire** fringes  
**Moire** interferometry  
**moisture**  
 atmospheric **moisture**  
 soil **moisture**  
**moisture** content  
**moisture** detectors  
*use* moisture meters  
**moisture** meters  
**moisture** resistance  
**Mojave** Desert (CA)  
**MOL** (orbital laboratories)  
*use* manned orbital laboratories  
 Mars Orbiter Laser Altimeter **(MOLA)**  
*use* Mars Global Surveyor  
**MOLABS**  
*use* lunar mobile laboratories  
**mold**  
**moldavite**  
 injection **molding**  
 resin transfer **molding**  
 sheet **molding** compounds  
**molding** materials  
**Moldova**  
**molds**  
 vibrational frequencies **(molecular)**  
*use* vibrational spectra  
**molecular** absorption  
**molecular** beam epitaxy  
**molecular** beams  
**molecular** biology  
**molecular** bonds  
*use* chemical bonds  
**molecular** chains  
**molecular** clouds  
**molecular** clusters  
**molecular** collisions  
**molecular** diffusion  
**molecular** dissociation  
*use* dissociation  
**molecular** dynamics  
**molecular** electronics  
**molecular** energy levels  
**molecular** excitation  
**molecular** flow  
 free **molecular** flow  
**molecular** gases  
**molecular** interactions  
**molecular** ions  
**molecular** orbitals  
**molecular** oscillations  
**molecular** oscillators  
**molecular** physics  
**molecular** properties  
**molecular** pumps  
**molecular** relaxation  
**molecular** rotation  
**molecular** shields  
**molecular** sieves  
*use* absorbents  
**molecular** spectra  
**molecular** spectroscopy  
**molecular** structure  
**molecular** theory  
**molecular** trajectories  
**molecular** weight  
 low **molecular** weights  
**molecules**  
 diatomic **molecules**  
 monatomic **molecules**  
 polyatomic **molecules**  
 triatomic **molecules**  
**moles**  
**Moliere** formula  
*use* cosmic ray showers  
 secondary cosmic rays  
 spatial distribution  
**Mollier** diagram  
**mollusks**  
**Molniya** satellites  
**molten** carbonate fuel cells  
 Los Alamos **Molten** Plutonium Reactor  
**molten** salt electrolytes  
**molten** salt nuclear reactors  
**molten** salts  
**molting**  
**molybdates**  
 lead **molybdates**  
**molybdenum**  
**molybdenum** alloys  
**molybdenum** carbides  
**molybdenum** compounds  
**molybdenum** disulfides  
**molybdenum** isotopes  
**molybdenum** oxides  
**molybdenum** sulfides  
**MOM** (semiconductors)  
**moment** distribution  
 control **moment** gyroscopes  
**moments**  
 aerodynamic **moments**  
*use* stability derivatives  
 bending **moments**  
 dipole **moments**  
 distribution **moments**  
 electric **moments**  
 hinge **moments**  
*use* torque  
 inertia **moments**  
*use* moments of inertia  
 loading **moments**  
 magnetic **moments**  
 method of **moments**  
 pitching **moments**  
 rolling **moments**  
 statistical **moments**  
*use* distribution moments  
 yawing **moments**  
**moments** of inertia  
**momentum**  
 angular **momentum**  
 transverse **momentum**  
**momentum** energy  
*use* kinetic energy  
**momentum** theory  
**momentum** transfer  
**Monaco**  
**monatomic** gases  
**monatomic** molecules  
**monaural** signals  
**monazite** sands  
**Monel** (trademark)  
**Monge-Ampere** equation  
**Mongolia**

data adaptive evaluator/	<b>monitor</b> <i>use</i> data processing data reduction data transmission	<b>moraines</b> <i>use</i> glacial drift
environmental	<b>monitoring</b>	end <b>moraines</b> <i>use</i> glacial drift
in-flight	<b>monitoring</b>	<b>morale</b>
pollution	<b>monitoring</b>	<b>Morehouse</b> comet
structural health	<b>monitoring</b>	<b>MORL</b> <i>use</i> manned orbital laboratories
systems health	<b>monitoring</b>	<b>morning</b>
engine	<b>monitoring</b> instruments	<b>Morocco</b>
Interplanetary	<b>Monitoring</b> Platform <i>use</i> IMP	<b>morphine</b>
health and usage	<b>monitoring</b> systems <i>use</i> systems health monitoring	<b>morphological</b> indexes
	<b>monitors</b>	<b>morphology</b>
	<b>monkeys</b>	crystal <b>morphology</b>
	<b>monochromatic</b> radiation	lung <b>morphology</b>
	<b>monochromatization</b>	<b>morphotropism</b> <i>use</i> isomorphism
interference	<b>monochromatization</b> <i>use</i> diffraction monochromatization	<b>Morse</b> code
	<b>monochromators</b>	<b>Morse</b> potential
	<b>monocoque</b> structures	<b>mortality</b>
	<b>monocrystals</b> <i>use</i> single crystals	<b>mortars</b> (material)
	<b>monocular</b> vision	<b>MOS</b> (Japanese spacecraft) <i>use</i> Japanese spacecraft
	<b>monocytes</b>	<b>MOS</b> (semiconductors) <i>use</i> metal oxide semiconductors
	<b>monoethanolamine</b> (MEA)	<b>mosaics</b>
	<b>monoids</b>	<b>Moscow</b>
Langmuir	<b>monolayers</b> <i>use</i> monomolecular films	<b>MOSFET</b> <i>use</i> field effect transistors
	<b>monolithic</b> circuits <i>use</i> integrated circuits	cascode <b>MOSFET</b> <i>use</i> field effect transistors
	<b>monomers</b>	<b>MOSS</b> (space stations) <i>use</i> space stations
	<b>monomethylhydrazines</b>	<b>Mossbauer</b> effect
	<b>monomolecular</b> films	<b>mosses</b> <i>use</i> Bryophytes
adenosine	<b>monophosphate</b>	<b>MOT</b> (orbital telescopes) <i>use</i> manned orbital telescopes
cyclic adenosine	<b>monophosphate</b> <i>use</i> cyclic AMP	<b>moths</b>
	<b>monoplanes</b>	<b>motility</b> <i>use</i> locomotion
	<b>monopole</b> antennas	<b>motion</b>
	<b>monopoles</b>	angular <b>motion</b> <i>use</i> angular velocity
magnetic	<b>monopoles</b>	brakes (for arresting <b>motion</b> )
	<b>monopropellants</b>	Chandler <b>motion</b> <i>use</i> polar wandering (geology)
	<b>monopulse</b> antennas	coning <b>motion</b>
	<b>monopulse</b> radar	Earth <b>motion</b>
	<b>monosaccharides</b>	equations of <b>motion</b>
	<b>monoscopes</b>	Euler equations of <b>motion</b>
	<b>monostable</b> multivibrators	guidance ( <b>motion</b> )
	<b>monotectic</b> alloys	harmonic <b>motion</b>
	<b>monotone</b> functions	ion <b>motion</b>
	<b>monotony</b>	Lagrange equations of <b>motion</b> <i>use</i> Euler-Lagrange equation
carbon	<b>monoxide</b>	librational <b>motion</b>
carbon	<b>monoxide</b> lasers	orbital <b>motion</b> <i>use</i> orbits
carbon	<b>monoxide</b> poisoning	particle <b>motion</b>
	<b>monsoons</b>	planetary <b>motion</b> <i>use</i> solar orbits
	<b>Montana</b>	proper <b>motion</b>
	<b>Monte</b> Carlo method	revolution ( <b>motion</b> ) <i>use</i> revolving
	<b>Monterey</b> Bay (CA)	robot <b>motion</b> <i>use</i> robot dynamics
	<b>month</b>	simple harmonic <b>motion</b>
	<b>monticellite</b>	spacecraft <b>motion</b>
	<b>montmorillonite</b>	three dimensional <b>motion</b>
	<b>moods</b>	translational <b>motion</b>
	<b>moon</b>	tumbling <b>motion</b>
	<b>moon-Earth</b> trajectories	vertical <b>motion</b>
	<b>moon</b> illusion	wave <b>motion</b> <i>use</i> waves
Earth-	<b>Moon</b> system	<b>motion</b> aftereffects
Earth-	<b>Moon</b> trajectories	image <b>motion</b> compensation
	<b>moonlets</b>	<b>motion</b> equations <i>use</i> equations of motion
	<b>moonquakes</b>	
	<b>moons</b> <i>use</i> natural satellites	
NEW	<b>MOONS</b> project	
	<b>mooring</b>	
	<b>moorings</b> <i>use</i> mooring	
	<b>MOPS</b> (propulsion systems) <i>use</i> man operated propulsion systems	

- forced vibratory **motion** equations
  - use* equations
  - forced vibration
- motion** perception
- motion** pictures
- motion** sickness
- motion** sickness drugs
- motion** simulation
- motion** simulators
- vertical **motion** simulators
- motion** stability
- stellar **motions**
- motivation**
- rocket **motor** cases
  - use* rocket engine cases
- motor** skills
  - use* sensorimotor performance
- Advanced Solid Rocket **Motor** (STS)
- motor** systems (biology)
  - use* efferent nervous systems
- motor** vehicles
- electric **motor** vehicles
- motors**
- apogee boost **motors**
- apogee kick **motors**
  - use* apogee boost motors
- asynchronous **motors**
- electric **motors**
- induction **motors**
- piezoelectric **motors**
- Space Shuttle Solid Rocket **Motors**
  - use* Space Shuttle Boosters
- stepping **motors**
- synchronous **motors**
- torque **motors**
- MOTS** (tracking system)
  - use* minitrack system
- Apollo telescope **mount**
- mountain** inhabitants
- mountains**
- Wrangell **Mountains** (AK)
- Sierra Nevada **Mountains** (CA)
- San Juan **Mountains** (CO)
  - Alps **Mountains** (Europe)
  - Carpathian **Mountains** (Europe)
  - Pyrenees **Mountains** (Europe)
  - Bighorn **Mountains** (MT-WY)
  - Great Smoky **Mountains** (NC-TN)
  - Appalachian **Mountains** (North America)
    - Rocky **Mountains** (North America)
  - Adirondack **Mountains** (NY)
  - Andes **Mountains** (South America)
  - Caucasus **Mountains** (U.S.S.R.)
- helmet **mounted** displays
- mounting**
- fuselage **mounting**
  - use* aircraft production
- pylon **mounting**
- rigid **mounting**
- tail **mountings**
  - use* tail assemblies
- mounts**
  - use* supports
- mouth**
- movement**
  - use* motion
- head **movement**
- tectonic **movement**
  - use* tectonics
- rapid eye **movement** state
- airfield surface **movements**
- Brownian **movements**
- Earth **movements**
- eye **movements**
- Saccadic eye **movements**
- autoregressive **moving** average
- moving** target indicators
- Mozambique**
- MPD** thrusters
  - use* magnetoplasmadynamic thrusters
- MPLM** (International Space Station)
  - use* Multi-Purpose Logistics Modules
- MPP** (computers)
  - use* massively parallel processors
- Mercury **MR-1** flight
- Mercury **MR-2** flight
- MR-3** flight
  - use* Mercury MR-3 flight
- Mercury **MR-3** flight
- Mercury **MR-4** flight
- MRAC** (systems)
  - use* model reference adaptive control
- MRCA** aircraft
- Mrkos** comet
- ICP- **MS** (spectrometry)
  - use* inductively coupled plasma mass spectrometry
- LA-ICP- **MS** (spectrometry)
- MSAT**
- MSBLS**
  - use* microwave scanning beam landing system
- MSM** (semiconductors)
- MSRE** reactors
  - use* molten salt nuclear reactors
- MSS** (International Space Station)
  - use* Space Station Mobile Servicing System
- Bighorn Mountains (MT-WY)
- Yellowstone National Park (ID- **MT-WY**)
- MTBF**
- MTF**
  - use* modulation transfer function
- MTFF** (space station)
  - use* man tended free flyers
- MTI** radar
  - use* moving target indicators
- MTPE**
  - use* Mission to Planet Earth
- MUBIS** (scanners)
  - use* multiple beam interval scanners
- mucocoles**
- mucus**
- mud**
- Geiger- **Mueller** tubes
  - use* Geiger counters
- mufflers**
- mulberry** (alloy)
- mullites**
- Multi-angle Imaging Spectroradiometer**
  - use* MISR (radiometry)
- multi-anode** microchannel arrays
- X Ray **Multi-Mirror** Mission
  - use* XMM-Newton telescope
- Multi-Purpose Logistics** Modules
- multi-role** combat aircraft
  - use* MRCA aircraft
- multibeam** antennas
- multiblock** grids
- multichannel** communication
- multichannel** plates
  - use* microchannel plates
- multicharged** ions
  - use* ions
- multidisciplinary** design optimization
- multidisciplinary** research
- multiengine** vehicles
- multigrid** methods
- multilayer** insulation
- multilayer** structures
  - use* laminates
- multiloop** systems
  - use* cascade control
- multimedia**
- interactive **multimedia**
  - use* multimedia

- multimission** modular spacecraft
- multimode** resonators
- multifactor** discharges
- multipath** transmission
- multiphase** flow
- multiphoton** absorption
- multiple** access
- carrier sense **multiple** access
- code division **multiple** access
- demand assignment **multiple** access
- frequency division **multiple** access
- time division **multiple** access
- multiple** beam interval scanners
- multiple** blocked grids
- use* multiblock grids
- single instruction **multiple** datastream
- use* SIMD (computers)
- multiple** docking adapters
- multiple** frequency radar
- use* multispectral radar
- multiple** input multiple output
- use* MIMO (control systems)
- multiple** instruction multiple data stream
- use* MIMD (computers)
- multiple** output programs
- multiple** target tracking
- multiple** target trajectory systems
- use* MATTS (systems)
- multiplets**
- use* fine structure
- multiplex** transmission
- use* multiplexing
- multiplexers**
- use* multiplexing
- multiplexing**
- code division **multiplexing**
- frequency division **multiplexing**
- time division **multiplexing**
- wavelength division **multiplexing**
- orthogonal **multiplexing** theory
- multiplication**
- fringe **multiplication**
- multiplier** phototubes
- use* photomultiplier tubes
- multipliers**
- channel **multipliers**
- electron **multipliers**
- use* photomultiplier tubes
- frequency **multipliers**
- Lagrange **multipliers**
- multipolar** fields
- multipoles**
- Pioneer Venus 2 **Multiprobe** spacecraft
- use* Pioneer Venus 2 spacecraft
- multiprocessing** (computers)
- hypercube **multiprocessors**
- multiprogramming**
- multipropellants**
- use* rocket propellants
- Light Airborne **Multipurpose** System
- multiradar** tracking
- use* radar networks
- multiscale** models
- multisensor** applications
- multisensor** fusion
- multispectral** band cameras
- multispectral** band scanners
- multispectral** linear arrays
- multispectral** photography
- multispectral** radar
- Multispectral** Resource Sampler
- multispectral** tracking telescopes
- multistage** compressors
- use* turbocompressors
- multistage** rocket vehicles
- multistatic** radar
- multitasking** (computers)
- use* multiprogramming
- multitemporal** analysis
- use* temporal resolution
- multivariable** control
- multivariate** statistical analysis
- multivibrators**
- monostable **multivibrators**
- muon** spin rotation
- muonium**
- muons**
- Murchison** meteorite
- Murray** meteorite
- involuntary **muscle**
- use* smooth muscle
- skeletal **muscle**
- smooth **muscle**
- striated **muscle**
- use* skeletal muscle
- voluntary **muscle**
- use* skeletal muscle
- muscle** cells
- muscle** contraction
- use* muscular function
- muscle** fibers
- muscle** relaxants
- muscles**
- muscovite**
- muscular** fatigue
- muscular** function
- muscular** strength
- muscular** tonus
- musculoskeletal** system
- museums**
- mushy** zones
- music**
- muskegs**
- Mustang** aircraft
- use* P-51 aircraft
- mutagenesis**
- mutagens**
- mutations**
- MX** missile
- myelin**
- myelin** sheath
- Mylar** (trademark)
- myocardial** infarction
- myocardium**
- myocytes**
- use* muscle cells
- skeletal **myocytes**
- use* muscle fibers
- myoelectric** potentials
- myoelectricity**
- myoglobin**
- myopia**
- myosins**
- Mystere** 20 aircraft
- Dassault **Mystere** 20 aircraft
- use* Mystere 20 aircraft
- Mystere** 50 aircraft
- Dassault **Mystere** 50 aircraft
- use* Mystere 50 aircraft
- ## N
- GOES **N**
- use* GOES 13
- N-156** aircraft
- use* F-5 aircraft
- N-body** problem
- use* many body problem
- S- **N** diagrams
- p-i- **n** diodes
- N** electrons
- n- **n** junctions
- n-p- **n** junctions
- p- **n** junctions
- p-i- **n** junctions

- n-p junctions
  - use* p-n junctions
- p- n-p junctions
- p- n-p-n junctions
- NOAA- **N** Prime Environmental Satellite
  - use* NOAA 19 satellite
- TIROS **N** series satellites
  - n-type semiconductors
- SR- **N2** ground effect machine
  - use* Westland ground effect machines
- Westland SR- **N2** ground effect machine
  - use* Westland ground effect machines
- Westland SR- **N2** hovercraft
  - use* Westland ground effect machines
- SR- **N3** ground effect machine
  - use* Westland ground effect machines
- Westland SR- **N3** ground effect machine
  - use* Westland ground effect machines
- Westland SR- **N3** hovercraft
  - use* Westland ground effect machines
- SR- **N5** ground effect machine
  - use* Westland ground effect machines
- Westland SR- **N5** ground effect machine
  - use* Westland ground effect machines
- NA-300** aircraft
  - use* OV-10 aircraft
- wing **nacelle** configurations
  - nacelle** wing configurations
  - use* wing nacelle configurations
- nacelles**
- Naiaid**
- naked** singularities
- Shergotty **Nakha** Chassigny meteorites
  - use* SNC meteorites
- nakhlites**
- NAMC** aircraft
  - use* Nihon aircraft
- Namibia**
- naming**
- nanoclusters**
- nanocomposites**
- nanocrystalline** materials
  - use* nanocrystals
- nanocrystalline** structure
  - use* nanostructure (characteristics)
- nanocrystals**
- nanofabrication**
- nanoidentation**
- nanoparticles**
- nanorods**
- nanosatellites**
- nanosats**
  - use* nanosatellites
- nanostructure** (characteristics)
- nanostructure** fabrication
  - use* nanofabrication
- nanostructure** growth
- nanostructures** (devices)
- nanotechnology**
- CNT (**nanotechnology**)
  - use* carbon nanotubes
- carbon **nanotube** based memory
- nanotubes**
- carbon **nanotubes**
- nanotubules**
  - use* nanotubes
- nanowires**
- nap-of-the-earth** navigation
- naphthalene**
- naphthenes**
- nappes**
  - use* folds (geology)
- narcolepsy**
- narcosis**
- narcotics**
- narrowband**
- Magellan project (**NASA**)
- Magellan spacecraft (**NASA**)
- Space Operations Center (**NASA**)
- NASA** Communication Network
  - use* NASCOM network
- NASA** End-to-End Data System
  - use* needs (data system)
- IPG (**NASA** Information Power Grid)
  - use* grid computing (computer networks)
- NASA** Interactive Planning System
- NASA** programs
- NASA** space programs
- NASA** Structural Analysis program
  - use* NASTRAN
- NASCOM** network
- NASTRAN**
- National** Aerospace Plane Program
- National** Airspace System
- National** Airspace Utilization System
- National** Aviation System
- National** Launch Vehicle Program
- National** Oceanic Satellite System
- National** Operational Environmental Sat Sys
  - use* NOESS
- Yellowstone **National** Park (ID-MT-WY)
- national** parks
- National** Polar-orbiting Operational Environmental Satellite System
  - use* NPOESS
- gross **national** product
- National** Severe Storms Project
- nations**
- developing **nations**
- United **Nations**
- North Atlantic Treaty Organization (**NATO**)
- NATO** 3B satellite
- natural** convection
  - use* free convection
- natural** frequencies
  - use* resonant frequencies
- natural** gas
- natural** gas exploration
- liquefied **natural** gas
- natural** language (computers)
- natural** language processing
- natural** lasers
  - use* lasers
- natural** satellites
- nausea**
- nautical** charts
- Navaho** missile
- Navier-Stokes** equation
- navigation**
- air **navigation**
- all-weather air **navigation**
- area **navigation**
- autonomous **navigation**
- celestial **navigation**
- Decca **navigation**
- digital **navigation**
- Doppler **navigation**
- gimballed inertial **navigation**
- hyperbolic **navigation**
- inertial **navigation**
- interplanetary **navigation**
- long range **navigation**
  - use* loran
- marine **navigation**
  - use* surface navigation
- nap-of-the-earth **navigation**
- NOE **navigation**
  - use* nap-of-the-earth navigation
- omnirange **navigation**
  - use* VHF omnirange navigation
- polar **navigation**
- proportional **navigation**
- radar **navigation**
- radio **navigation**

- short range **navigation**  
*use* Shoran
- space **navigation**
- surface **navigation**
- tactical air **navigation**  
*use* Tacan
- VHF omnirange **navigation**  
**navigation** aids  
**navigation** instruments
- Global Orbiting **Navigation** Satellite Sys.  
*use* GLONASS  
**navigation** satellites
- Astroguide **Navigation** System
- LORAC **navigation** system
- Omega **Navigation** System
- Terrain Contour Matching **Navigation** System  
*use* TERCOM
- Transit **navigation** system
- hybrid **navigation** systems
- satellite **navigation** systems  
**navigation** technology satellites
- navigators**  
**Navion** aircraft  
**Navion** G-1 aircraft  
*use* G-1 aircraft  
**Navion** Rangemaster aircraft  
*use* G-1 aircraft  
**NAVSTAR** satellites
- navy**  
Global Communications Antenna Grid **(navy)**  
*use* Seafarer project
- underground radio antenna grid **(navy)**  
*use* Seafarer project
- Army- **Navy** instrumentation program
- Cape Hatteras **(NC)**
- Outer Banks **(NC)**  
**NC-130** aircraft  
*use* C-130 aircraft
- Sand Hills Region (GA- **NC-SC)**
- Great Smoky Mountains **(NC-TN)**  
**NDM** semiconductor devices  
**NDVI** (remote sensing)  
*use* normalized difference vegetation index
- Sand Hills Region **(NE)**  
**Near** Earth Asteroid Rendezvous Mission  
**near** Earth objects  
**near** fields  
**near** infrared radiation  
**near** ultraviolet radiation  
**near** wakes  
**nearshore** water  
**Nebraska**
- Crab **nebula**
- Gum **nebula**
- Orion **nebula**
- protosolar **nebula**  
*use* solar nebula
- solar **nebula**  
**nebulae**
- planetary **nebulae**
- reflection **nebulae**  
**neck** (anatomy)  
**necrosis**  
**needle** bearings  
**needles**  
**needs** (data system)  
**neel** temperature  
**negative** conductance  
**negative** diff mobility semiconductors  
*use* NDM semiconductor devices  
**negative** electron affinity  
**negative** feedback  
**negative** ions  
**negative** matter  
**negative** matter propulsion
- lower body **negative** pressure  
**negative** resistance circuits  
**negative** resistance devices
- negatrons**
- negotiation**
- Origin of Plasmas in Earth **Neighborhood**  
*use* OPEN Project
- solar **neighborhood**  
**Nembutal** (trademark)  
**Nemesis** (star)  
**NEO** (astronomy)  
*use* near Earth objects
- neodymium**  
**neodymium** alloys  
**neodymium** compounds  
**neodymium** isotopes  
**neodymium** lasers
- neon**  
liquid **neon**  
**neon** 19  
*use* neon isotopes  
**neon** isotopes
- helium- **neon** lasers  
**neopentane**  
**neoplasms**  
**neoprenes**  
*use* chloroprene resins
- neotectonics**
- neovascularization**  
*use* angiogenesis
- Nepal**
- nephanalysis**
- nepheline**
- nephelite**
- nephelometers**
- nephritis**
- Neptune** atmosphere
- Neptune** (planet)
- Neptune** satellites
- trans- **Neptunian** objects
- neptunium**  
**neptunium** compounds  
**neptunium** isotopes
- Nereid**
- Nernst-Ettingshausen** effect
- Nernst** generators  
*use* thermomagnetic cooling
- Nernst** heat theorem  
*use* Nernst-Ettingshausen effect
- NERVA** (engine)  
*use* nuclear engine for rocket vehicles
- nerve** fibers
- nerves**
- oculomotor **nerves**  
**nervous** system
- autonomic **nervous** system
- central **nervous** system
- central **nervous** system depressants
- peripheral **nervous** system
- central **nervous** system stimulants
- sympathetic **nervous** system
- vasomotor **nervous** system  
*use* nervous system
- afferent **nervous** systems
- efferent **nervous** systems
- Netherlands**
- Astronomical **Netherlands** Satellite  
**Netherlands** space program
- nets**
- flow **nets**
- neural **nets**
- Petri **nets**  
**netting** (materials/structures)
- ARPA computer **network**
- Deep Space **Network**
- DSN (space **network**)  
*use* Deep Space Network
- Global Tracking **Network**
- GLOTRAC (tracking **network**)  
*use* Global Tracking Network
- Iridium **network**

## network

manned space flight **network**  
NASA Communication **Network**  
*use* NASCOM network  
NASCOM **network**  
Orion (radio interferometry **network**)  
Satellite Tracking and Data Acq **Network**  
*use* STDN (network)  
Space Flight Tracking and Data **Network**  
Spacecraft Tracking and Data **Network**  
*use* STDN (network)  
STADAN (satellite tracking **network**)  
*use* STDN (network)  
STDN (**network**)  
VSAT (**network**)  
**network** analysis  
**network** control  
**network** synthesis  
**networks**  
Bayesian belief **networks**  
*use* belief networks  
belief **networks**  
communication **networks**  
computational grids (computer **networks**)  
*use* grid computing (computer networks)  
computer **networks**  
electric **networks**  
grid computing (computer **networks**)  
iterative **networks**  
Kirchhoff law of **networks**  
LAN (computer **networks**)  
*use* local area networks  
local area **networks**  
logic **networks**  
*use* logic circuits  
quadrupole **networks**  
radar **networks**  
RC **networks**  
*use* RC circuits  
RLC **networks**  
*use* RLC circuits  
satellite **networks**  
tracking **networks**  
transportation **networks**  
wide area **networks**  
**Neumann** problem  
**neural** nets  
**neurasthenia**  
**neuristors**  
**neuritis**  
**neuroblasts**  
**neuroglia**  
**neurology**  
**neuromuscular** transmission  
**neuron** transmission  
*use* bioelectricity  
**neurons**  
**neurophysiology**  
**neuropsychiatry**  
**neuroscience**  
*use* neurology  
**neuroses**  
**neurospora**  
**neurotic** depression  
**neurotransmitters**  
**neurotropism**  
**neutral** atmospheres  
**neutral** atoms  
**neutral** beams  
**neutral** buoyancy simulation  
**neutral** currents  
**neutral** gases  
**neutral** particles  
**neutral** sheets  
beam **neutralization**  
**neutralizers**  
**neutrino** beams  
**neutrinos**  
solar **neutrinos**

**neutron** absorbers  
**neutron** activation analysis  
**neutron** beams  
**neutron** counters  
**neutron** cross sections  
**neutron** decay  
**neutron** detectors  
*use* neutron counters  
**neutron** diffraction  
**neutron** distribution  
**neutron** emission  
**neutron** flux  
*use* flux (rate)  
**neutron** flux density  
**neutron** irradiation  
**neutron** physics  
**neutron** radiography  
**neutron** scattering  
**neutron** sources  
**neutron** spectra  
**neutron** spectrometers  
**neutron** stars  
**neutron** thermalization  
**neutron** transmutation  
*use* nuclear reactions  
**neutron** transmutation doping  
**neutrons**  
cold **neutrons**  
fast **neutrons**  
slow **neutrons**  
*use* thermal neutrons  
solar **neutrons**  
thermal **neutrons**  
**neutrophils**  
**Nevada**  
Sierra **Nevada** Mountains (CA)  
**New** Brunswick  
**New** England (US)  
**New** Guinea (island)  
Papua **New** Guinea  
**New** Hampshire  
**New** Haven (CT)  
**New** Horizons mission  
**New** Jersey  
**New** Mexico  
**NEW** MOONS project  
**New** York  
**New** York City (NY)  
**New** Zealand  
**New** Zealand space program  
**Newfoundland**  
**news**  
**news** media  
**newton**  
**Newton**-Busemann law  
**Newton** methods  
**Newton** pressure law  
**Newton**-Raphson method  
**Newton** second law  
XMM- **Newton** telescope  
**Newton** Theory  
**Newtonian** fluids  
**Next** Generation Space Telescope project  
**NGST** project  
*use* Next Generation Space Telescope project  
**Nicaragua**  
Crank- **Nicholson** method  
**Nichrome** (trademark)  
**nickel**  
**nickel** alloys  
**nickel** aluminides  
cadmium **nickel** batteries  
*use* nickel cadmium batteries  
zinc **nickel** batteries  
*use* nickel zinc batteries  
**nickel** cadmium batteries  
**nickel** coatings

- nickel** compounds
- nickel** fluorides
- nickel** hydrogen batteries
- nickel** iron batteries
- nickel** isotopes
- nickel** oxides
- nickel** plate
- nickel** steels
- nickel** zinc batteries
- nicotinamide**
- nicotine**
- nicotinic acid**
- Niger**
- Nigeria**
- night**
- night** airglow
  - use* nightglow
- night** E layer
  - use* E region
  - night sky
- night** F layer
  - use* F region
  - night sky
- night** flights (aircraft)
- Pioneer Venus 2 **night** probe
- night** sky
- night** vision
- nightglow**
- nigotrons**
- Nihon** aircraft
- Nihon** YS-11 aircraft
  - use* YS-11 aircraft
- Nike-Ajax** missile
- Nike-Apache** rocket vehicle
- Nike** booster rocket engines
- Nike-Cajun** rocket vehicle
- Nike-Hercules** missile
- Nike-Hydac** rocket vehicle
- Nike-Iroquois** rocket vehicle
- Nike-Javelin** rocket vehicle
- Nike** missiles
- Nike** project
- Nike** rocket vehicles
- Nike** rockets
- Nike-Tomahawk** rocket vehicle
- Nike X** systems
- Nike-Zeus** missile
- nimbostratus** clouds
- Nimbus** 1 satellite
- Nimbus** 2 satellite
- Nimbus** 3 satellite
- Nimbus** 4 satellite
- Nimbus** 5 satellite
- Nimbus** 6 satellite
- Nimbus** 7 satellite
- nimbus** clouds
  - use* nimbostratus clouds
- Nimbus** project
- Nimbus** satellites
- nimonic** alloys
- NIMPHE** (engine)
  - use* hydrazine engines
- Nimrod** accelerator
- el **Nino**
- niobates**
- lithium **niobates**
- niobium**
- niobium** 95
- niobium** alloys
- niobium** carbides
- niobium** compounds
- niobium** iodides
- niobium** isotopes
- niobium** oxides
- niobium** stannides
- NIPS** (system)
  - use* NASA Interactive Planning System
- nitinol** alloys
- nitramine** propellants
- nitrasol** explosives
- cellulose **nitrate**
- hydrazine **nitrate**
- isopropyl **nitrate**
- methyl **nitrate**
- propyl **nitrate**
- nitrate** esters
- nitrates**
- ammonium **nitrates**
- inorganic **nitrates**
- organic **nitrates**
- potassium **nitrates**
- silver **nitrates**
- sodium **nitrates**
- nitration**
- nitric acid**
- nitric oxide**
- metal- **nitride-oxide-semiconductors**
- metal- **nitride-oxide-silicon**
- nitrides**
- aluminum **nitrides**
- beryllium **nitrides**
- boron **nitrides**
- carbon **nitrides**
- gallium **nitrides**
- metal **nitrides**
- silicon **nitrides**
- tantalum **nitrides**
- titanium **nitrides**
- zirconium **nitrides**
- nitriding**
- ethane **nitrile**
  - use* acetonitrile
- nitriles**
- nitrites**
- nitro** compounds
- nitroamines**
- nitrobacter**
- nitrobenzenes**
- nitrocellulose**
  - use* cellulose nitrate
- nitrofluoramines**
- hydrazine **nitroform**
- nitroformates**
- nitroforms**
- nitrogen**
- liquid **nitrogen**
- solid **nitrogen**
- nitrogen** 15
- nitrogen** 16
- nitrogen** atoms
- nitrogen** compounds
- nitrogen** dioxide
- nitrogen** fixation
  - use* nitrogenation
- nitrogen** fluorides
- nitrogen** hydrides
- nitrogen** ions
- nitrogen** isotopes
- nitrogen** lasers
- nitrogen** metabolism
- nitrogen** oxides
- nitrogen** plasma
- nitrogen** polymers
- nitrogen** tetroxide
- nitrogenation**
- nitroglycerin**
- nitroguanidine**
- nitrolysis**
- nitromethane**
- nitronium** compounds
- nitronium** perchlorate
- nitropropane**
- nitrosamine**
- nitroso** compounds
- nitrosyl** chlorides
- nitrosyls**
- nitrous acid**

	<b>nitrous</b> oxides		solar <b>noise</b>
	<b>nitroxychlorides</b>		<i>use</i> solar radio emission
	<b>nitryl</b> chlorides		spectral <b>noise</b>
	<b>nitryl</b> fluorides		<i>use</i> white noise
Hudson River (NY-	<b>Nix</b>		thermal <b>noise</b>
	<b>NJ</b>		white <b>noise</b>
	<b>NMR</b>		<b>noise</b> attenuation
	<i>use</i> nuclear magnetic resonance		<i>use</i> noise reduction
	<b>NOAA</b> 2 satellite		<b>noise</b> elimination
	<b>NOAA</b> 3 satellite		<i>use</i> noise reduction
	<b>NOAA</b> 4 satellite		<b>noise</b> generators
	<b>NOAA</b> 5 satellite		<b>noise</b> hazards
	<b>NOAA</b> 6 satellite		<i>use</i> hazards
	<b>NOAA</b> 7 satellite		noise (sound)
	<b>NOAA</b> 8 satellite		<b>noise</b> injuries
	<b>NOAA</b> 9 satellite		<b>noise</b> intensity
	<b>NOAA</b> 10 satellite	surface	<b>noise</b> interactions
	<b>NOAA</b> 11 satellite	effective perceived	<b>noise</b> levels
	<b>NOAA</b> 12 satellite		<b>noise</b> measurement
	<b>NOAA</b> 14 satellite	electromagnetic	<b>noise</b> measurement
	<b>NOAA</b> 19 satellite		<b>noise</b> meters
	<b>NOAA</b> E		<b>noise</b> pollution
	<i>use</i> NOAA 8 satellite		<b>noise</b> prediction
	<b>NOAA</b> F satellite	aircraft	<b>noise</b> prediction
	<i>use</i> NOAA 9 satellite		<i>use</i> noise prediction (aircraft)
	<b>NOAA</b> G satellite		<b>noise</b> prediction (aircraft)
	<i>use</i> NOAA 10 satellite		<b>noise</b> propagation
	<b>NOAA-N</b> Prime Environmental Satellite	carrier to	<b>noise</b> ratios
	<i>use</i> NOAA 19 satellite	signal to	<b>noise</b> ratios
	<b>NOAA</b> satellites		<b>noise</b> reduction
	<b>nobelium</b>		<b>noise</b> (sound)
	<b>nobelium</b> isotopes		<b>noise</b> spectra
	<b>noble</b> gases		<b>noise</b> storms
	<i>use</i> rare gases		<b>noise</b> suppressors
	<b>noble</b> metals		<i>use</i> noise reduction
	<b>noctilucence</b>		<b>noise</b> temperature
	<i>use</i> luminescence		<b>noise</b> threshold
	<b>noctilucent</b> clouds		<b>noise</b> tolerance
	<b>nocturnal</b> variations		<b>Nomad</b> launch vehicle
lymph	<b>nodes</b>		<b>nomenclatures</b>
	<i>use</i> lymphatic system		<b>nominal</b> values
	<b>nodes</b> (standing waves)		<i>use</i> approximation
	<b>nodules</b>		<b>nomograms</b>
	<b>NOE</b> navigation		<i>use</i> nomographs
	<i>use</i> nap-of-the-earth navigation		<b>nomographs</b>
	<b>NOESS</b>	body temperature	<b>(non-biological)</b>
	<b>noise</b>		<i>use</i> temperature
aerodynamic	<b>noise</b>	cellular materials	<b>(non biological)</b>
aircraft	<b>noise</b>		<i>use</i> foams
atmospheric	<b>noise</b>	skin temperature	<b>(non-biological)</b>
	<i>use</i> atmospheric		<b>non-intrusive</b> measurement
background	<b>noise</b>		<i>use</i> nonintrusive measurement
blade slap	<b>noise</b>	essentially	<b>non-oscillatory</b> schemes
boundary layer	<b>noise</b>		<b>nonadiabatic</b> conditions
	<i>use</i> aerodynamic noise		<b>nonadiabatic</b> processes
	boundary layers		<i>use</i> heat transfer
channel	<b>noise</b>		<b>nonadiabatic</b> theory
continuous	<b>noise</b>		<b>nonanes</b>
cosmic	<b>noise</b>		<b>nonaqueous</b> electrolytes
electromagnetic	<b>noise</b>		<b>noncondensable</b> gases
engine	<b>noise</b>		<b>nonconductors</b>
flow	<b>noise</b>		<i>use</i> electrical insulation
Gaussian	<b>noise</b>		<b>nonconservative</b> forces
	<i>use</i> random noise		<b>nondestructive</b> tests
helicopter impulsive	<b>noise</b>		<b>nonelectrolytes</b>
	<i>use</i> blade slap noise		<b>nonequilibrium</b> conditions
ionospheric	<b>noise</b>		<b>nonequilibrium</b> drag
jet	<b>noise</b>		<i>use</i> friction drag
	<i>use</i> jet aircraft noise		<b>nonequilibrium</b> flow
jet aircraft	<b>noise</b>		<b>nonequilibrium</b> ionization
low	<b>noise</b>		<b>nonequilibrium</b> plasmas
propeller	<b>noise</b>		<b>nonequilibrium</b> radiation
radiation	<b>noise</b>		<b>nonequilibrium</b> thermodynamics
	<i>use</i> electromagnetic noise		<b>nonEuclidian</b> geometry
radio frequency	<b>noise</b>		<i>use</i> differential geometry
	<i>use</i> electromagnetic noise		<b>nonferrous</b> metals
random	<b>noise</b>		<b>nonflammable</b> materials
rocket engine	<b>noise</b>		<b>nongray</b> atmospheres
shot	<b>noise</b>		<b>nongray</b> gas

- nonholonomic** equations  
**nonhomogeneity**  
*use* inhomogeneity  
**nonintrusive** measurement  
**nonisentropicity**  
**nonisothermal** processes  
**nonisotropic** plates  
*use* anisotropic plates  
**nonisotropy**  
*use* anisotropy  
**nonlifting** vehicles  
*use* ballistic vehicles  
**nonlinear** equations  
**nonlinear** evolution equations  
**nonlinear** feedback  
**nonlinear** filters  
**nonlinear** optics  
**nonlinear** programming  
**nonlinear** systems  
**nonlinearity**  
**nonNewtonian** flow  
**nonNewtonian** fluids  
**nonohmic** effect  
**nonoscillatory** action  
**nonparametric** statistics  
**nonpoint** sources  
**nonpolar** gases  
**nonreflection**  
*use* energy absorption  
**nonrelativistic** electrons  
*use* electrons  
**nonrelativistic** mechanics  
**nonresonance**  
**nonrigidity**  
*use* flexibility  
torque sensors **(nonrobotics)**  
*use* torquemeters  
**nonspherical** optics  
*use* aspheric optics  
**nonstabilized** oscillation  
**nonsynchronization**  
**nonthermal** emission  
*use* nonthermal radiation  
**nonthermal** radiation  
**nonuniform** flow  
**nonuniform** magnetic fields  
**nonuniform** plasmas  
**nonuniformity**  
**nonviscous** flow  
*use* inviscid flow  
**noon**  
**Nord** 262 aircraft  
*use* MH-262 aircraft  
**Nord** 1500 aircraft  
**Nord** aircraft  
Reissner- **Nordstrom** solution  
**norepinephrine**  
**norleucine**  
**normal** density functions  
**normal** distributions  
*use* normal density functions  
**normal** force distribution  
*use* force distribution  
**normal** shock waves  
**normality**  
**normalized** difference vegetation index  
**normalizing**  
**normalizing** (heat treatment)  
**normalizing** (statistics)  
**norms**  
**North** America  
Appalachian Mountains **(North** America)  
Beaufort Sea **(North** America)  
Colorado River **(North** America)  
Great Lakes **(North** America)  
Great Plains Corridor **(North** America)  
Rio Grande **(North** America)  
Rocky Mountains **(North** America)  
St Lawrence Valley **(North** America)
- Williston Basin **(North** America)  
**North** American aircraft  
**North** Atlantic Treaty Organization  
(NATO)  
**North** Carolina  
**North** Dakota  
**North** Korea  
**North** Polar Spur (astronomy)  
**North** Sea  
**North** Vietnam  
*use* Vietnam  
**Northern** Hemisphere  
**Northern** Ireland  
**northern** sky  
**Northrop** aircraft  
**Northwest** Territories  
**Northwest** (US)  
**Norton** County achondrite  
**Norway**  
Spitsbergen **(Norway)**  
**Norwegian** space program  
**nose**  
**nose** (anatomy)  
**nose** caps  
*use* nose cones  
**nose** cones  
ablative **nose** cones  
rocket **nose** cones  
**nose** fins  
**nose** inlets  
**nose** tips  
**nose** wheels  
**noses** (forebodies)  
passive **nosetip** technology  
*use* PANT program  
ablated **nosetips**  
*use* PANT program  
**Nostoc**  
**notation**  
*use* coding  
Wiswesser **notations**  
**notch** sensitivity  
**notch** strength  
**notch** tests  
**notched** metals  
*use* notch tests  
**notches**  
Hercules **nova**  
**Nova** computers  
**Nova** Laser System  
**Nova** launch vehicles  
**Nova** satellites  
**Nova** Scotia  
**novae**  
dwarf **novae**  
**novocain**  
**nowcasting**  
**noxious** materials  
*use* contaminants  
**Nozomi** Mars Orbiter  
**nozzle** coefficient  
*use* nozzle flow  
**nozzle** design  
**nozzle** efficiency  
**nozzle** flow  
**nozzle** geometry  
**nozzle** inserts  
**nozzle** thrust coefficients  
**nozzle** walls  
**nozzleless** rocket engines  
**nozzles**  
acoustic **nozzles**  
annular **nozzles**  
coaxial **nozzles**  
conical **nozzles**  
convergent **nozzles**  
convergent-divergent **nozzles**  
de Laval **nozzles**  
*use* convergent-divergent nozzles



- Biot **number**  
 Bond **number**  
 Brinkman **number**  
 coordination **number**  
 critical Mach **number**  
     *use* critical velocity  
     Mach number  
 critical Reynolds **number**  
     *use* Reynolds number  
 Damkohler **number**  
 Froude **number**  
 Grashof **number**  
 Hartmann **number**  
 high Reynolds **number**  
 Knudsen **number**  
     *use* Knudsen flow  
 Laval **number**  
 low Reynolds **number**  
 Mach **number**  
 Nusselt **number**  
 octane **number**  
 Peclet **number**  
 Prandtl **number**  
 Rayleigh **number**  
 Reynolds **number**  
 Richardson **number**  
 Schmidt **number**  
 Stanton **number**  
 Strouhal **number**  
     **number** theory  
     density (**number** /volume)  
     **numbers**  
     complex **numbers**  
 dimensionless **numbers**  
 Fibonacci **numbers**  
 Lewis **numbers**  
 quantum **numbers**  
 random **numbers**  
     real **numbers**  
 similarity **numbers**  
     **numerical** analysis  
 DNS (**numerical** analysis)  
     *use* direct numerical simulation  
     **numerical** aperture  
     **numerical** control  
     **numerical** data bases  
     **numerical** differentiation  
     **numerical** flow visualization  
     **numerical** integration  
 direct **numerical** simulation  
     **numerical** stability  
     **numerical** weather forecasting  
     **nunataks**  
 Baker-**Nunn** camera  
 flight **nurses**  
     **Nusselt** number  
     **nutatation**  
 Eulerian **nutatation**  
     *use* Chandler wobble  
     **nutatation** dampers  
     **nutational** oscillation  
     *use* nutation  
     **nutrients**  
     **nutrition**  
     **nutritional** requirements  
     **nuts** (fasteners)  
     **nuts** (fruits)  
 Lake Tahoe (CA-**NV**)  
 Pyramid Lake (**NV**)  
 Adirondack Mountains (**NY**)  
     Long Island (**NY**)  
     New York City (**NY**)  
     Hudson River (**NY-NJ**)  
 Susquehanna River Basin (MD-**NY-PA**)  
 Lake Champlain Basin (**NY-VT**)  
     **nylon** resins  
     *use* polyamide resins  
     **Nylon** (trademark)  
     **Nyquist** diagram  
     **Nyquist** frequencies  
     **nystagmus**  
     vestibular **nystagmus**
- O**
- O ring seals  
 O stars  
 Bi-Sr-Ca-Cu-**O** superconductors  
 Y-Ba-Cu-**O** superconductors  
**Oak** Ridge isochronous cyclotron  
**OA0**  
**OA0** 1  
**OA0** 2  
**OA0** 3  
**OA0-A**  
     *use* OA0 1  
**OA0-A2**  
     *use* OA0 2  
**OA0-C**  
     *use* OA0 3  
**oases**  
**oats**  
**Oberon**  
**obesity**  
 faint **object** camera  
**object-oriented** programming  
**object** programs  
 BL Lacertae **objects**  
     faint **objects**  
 Herbig-Haro **objects**  
 massive compact halo **objects**  
     near Earth **objects**  
     trans-Neptunian **objects**  
 unidentified flying **objects**  
     **oblate** spheroids  
 solar **oblateness**  
     **oblique** coordinates  
     **oblique** shock waves  
     **oblique** wings  
     **obliqueness**  
     **obscuration**  
         *use* occultation  
     **observability** (systems)  
 low **observable** reentry vehicles  
**observation**  
 celestial **observation**  
     *use* astronomy  
     ice **observation**  
         *use* ice reporting  
     radar **observation**  
         *use* radar tracking  
     radio **observation**  
     satellite **observation**  
     visual **observation**  
     **observation** aircraft  
 Lunar Crater **Observation** and Sensing Satellite  
     *use* LCROSS (satellite)  
 Earth Resources **Observation** Satellites  
     *use* EROS (satellites)  
     **observation** scheduling  
     crew **observation** stations  
 Satellite and Missile **Observation** System  
     *use* Samos  
     space **observations** (from Earth)  
     Earth **observations** (from space)  
     **observatories**  
     astronomical **observatories**  
     geophysical **observatories**  
 High Energy Astronomy **Observatories**  
     *use* HEAO  
     lunar **observatories**  
     solar **observatories**  
 Advanced Orbiting Solar **Observatory**  
     *use* AOSO  
 CLARREO (**observatory**)

## Observatory

- Climate Absolute Radiance and Refractivity **Observatory**
  - use* CLARREO (observatory)
- Compton Gamma Ray **Observatory**
  - use* Gamma Ray Observatory
- Con-X **observatory**
  - use* Constellation-X
- Eccentric Geophysical **Observatory**
  - use* EGO
- Eccentric Orbit Geophysical **Observatory**
  - use* EGO
- Einstein **Observatory**
  - use* HEAO 2
- ESO (**observatory**)
  - use* European Southern Observatory
- European Southern Gamma Ray **Observatory**
- Jodrell Bank **Observatory**
- JWST (**observatory**)
  - use* James Webb Space Telescope
- Kuiper Airborne **Observatory**
- Laser Interferometer Gravitational-Wave **Observatory**
  - use* LIGO (observatory)
- LIGO (**observatory**)
- LISA (**observatory**)
- Orbiting Astronomical **Observatory**
  - use* OAO
- Orbiting Geophysical **Observatory**
  - use* OGO
- Orbiting Solar **Observatory**
  - use* OSO
- Polar Orbit Geophysical **Observatory**
  - use* POGO
- SOFIA (airborne **observatory**)
- Solar and Heliospheric **Observatory**
  - use* SOHO Mission
- Solar Terrestrial Relations **Observatory**
  - use* STEREO (observatory)
- STEREO (**observatory**)
- Swift **observatory**
- High Energy Astronomy **Observatory 1**
  - use* HEAO 1
- High Energy Astronomy **Observatory 2**
  - use* HEAO 2
- High Energy Astronomy **Observatory 3**
  - use* HEAO 3
- High Energy Astronomy **Observatory 4**
  - use* HEAO 4
- High Energy Astronomy **Observatory A**
  - use* HEAO 1
- High Energy Astronomy **Observatory B**
  - use* HEAO 2
- High Energy Astronomy **Observatory C**
  - use* HEAO 3
- High Energy Astronomy **Observatory D**
  - use* HEAO 4
- Stratospheric **Observatory** for IR Astronomy
  - use* SOFIA (airborne observatory)
- Infrared Space **Observatory** (ISO)
- Orbiting Carbon **Observatory** (OCO)
- Synchronous Earth **Observatory** satellite
- Mars **Observer**
- Severe Storms **Observing** Satellite
  - use* StormSat satellite
- Earth **Observing** System (EOS)
- obsidian**
- obsidian** glass
- obstacle** avoidance
- obstacles**
  - use* barriers
- obstructing**
  - use* blocking
- occipital** lobes
- occlusion**
- occultation**
- lunar **occultation**
- radio **occultation**
- stellar **occultation**
- Halogen **Occultation** Experiment
- High Eccentric Lunar **Occultation** Satellite
  - use* Exosat satellite
- Pinhole **Occulter** Facility
- occupation**
- occupational** diseases
- occurrences**
- Antarctic **Ocean**
- Arctic **Ocean**
- Atlantic **Ocean**
- Indian **Ocean**
- Pacific **Ocean**
  - ocean** bottom
  - ocean** color scanner
  - ocean** currents
  - ocean** data acquisitions systems
  - ocean** data platforms
    - use* ocean data acquisitions systems
  - ocean** data stations
    - use* ocean data acquisitions systems
  - ocean** dynamics
  - ocean** floor spreading
    - use* sea floor spreading
  - ocean** models
  - Earth & mid-**Ocean** Physics Applications Program
  - Geodynamic Experimental **Ocean** ridges
  - integrated global **Ocean** Satellite
    - use* GEOS-D satellite
  - ocean** station systems
  - ocean** surface
  - ocean** temperature
  - ocean** thermal energy conversion
  - mid-**oceanic** ridges
    - use* mid-ocean ridges
  - National **Oceanic** Satellite System
  - Atmospheric & **Oceanographic** Inform Sys
  - oceanographic** parameters
  - oceanography**
  - black smokers (**oceanography**)
    - use* submarine hydrothermal vents
  - currents (**oceanography**)
    - use* water currents
  - THC (**oceanography**)
    - use* thermohaline circulation
  - white smokers (**oceanography**)
    - use* submarine hydrothermal vents
  - oceans**
  - extraterrestrial **oceans**
  - planetary **oceans**
    - use* extraterrestrial oceans
  - satellite **oceans**
    - use* extraterrestrial oceans
  - Orbiting Carbon Observatory (**OCO**)
  - Octahedral** Research Satellites
    - use* Environmental Research Satellites
  - octahedrite**
    - use* anatase
  - octahedrons**
  - octane**
  - octane** number
  - octanes**
  - octaves**
  - octets**
  - octoates**
  - octol** (explosive)
  - octopuses**
  - ocular** circulation
  - oculogravic** illusions
  - oculometers**
  - oculomotor** nerves
  - ODAS**
    - use* ocean data acquisitions systems
  - odd-even** nuclei
  - odd-**odd** nuclei
  - Odessa** meteorite
  - odors**
  - 2001 Mars **Odyssey**
  - bleed-**off**
    - use* pressure reduction

- cut- **off**  
**off-on** control  
commercial **off-the-shelf** products  
**offgassing**  
**office** automation  
**Office** of Space & Terrestri Applic  
Payloads  
*use* OSTA-1 payload  
OSTA-2 payload  
OSTA-3 payload  
**offshore** docking  
**offshore** energy sources  
**offshore** platforms  
**offshore** reactor sites  
**OFT**  
*use* Space Transportation System  
flights  
**OFT 1**  
*use* Space Transportation System 1  
flight  
**OFT 2**  
*use* Space Transportation System 2  
flight  
**OFT 3**  
*use* Space Transportation System 3  
flight  
**OFT 4**  
*use* Space Transportation System 4  
flight  
**ogee** shape  
**ogee** wings  
*use* variable sweep wings  
**ogives**  
**OGO**  
**OGO-3**  
**OGO-4**  
**OGO-5**  
**OGO-6**  
**OGO-A**  
**OGO-B**  
*use* OGO-3  
**OGO-C**  
**OGO-D**  
*use* OGO-4  
**OGO-E**  
*use* OGO-5  
**OGO-F**  
*use* OGO-6  
Wabash River Basin (IL-IN- **OH**)  
**OH-4** helicopter  
**OH-5** helicopter  
**OH-6** helicopter  
**OH-13** helicopter  
**OH-23** helicopter  
**OH-58** helicopter  
**Ohio**  
**Ohio** River (US)  
**ohmic** dissipation  
**ohmmeters**  
**Ohms** law  
**Ohzora** satellite  
*use* EXOS-C satellite  
castor **oil**  
crude **oil**  
shale **oil**  
**oil** additives  
**oil** exploration  
**oil** fields  
**oil** pollution  
**oil** recovery  
**oil** slicks  
**oils**  
fuel **oils**  
lubricating **oils**  
mineral **oils**  
Lake Texoma **(OK-TX)**  
**Okazaki-Levy-Rudenko** comet  
**Okhansk** meteorite  
Sea of **Okhotsk**
- Oklahoma**  
**olefins**  
*use* alkenes  
**oleic** acid  
**olfactory** perception  
**oligomers**  
**oligonucleotides**  
**olivine**  
Bristol-Siddeley **Olympus** 593 engine  
**Oman**  
**OMCVD** (vapor deposition)  
*use* metalorganic chemical vapor  
deposition  
**OME**  
*use* Orbit Maneuvering Engine  
(Space Shuttle)  
**omega-mesons**  
**Omega** Navigation System  
k- **omega** turbulence model  
kappa- **omega** turbulence model  
*use* k-omega turbulence model  
**omegatrons**  
**Omicron** Ceti star  
**omnidirectional** antennas  
**omnidirectional** radio ranges  
**Omnipol** HC-3 helicopter  
*use* HC-3 helicopter  
**Omnipol** L-29 aircraft  
*use* L-29 jet trainer  
**Omnipol** Z-37 aircraft  
*use* Z-37 aircraft  
SCORE **omnirange**  
*use* self calibrating omnirange  
self calibrating **omnirange**  
**omnirange** navigation  
*use* VHF omnirange navigation  
VHF **omnirange** navigation  
lab- **on-a-chip** devices  
systems- **on-a-chip**  
off- **on** control  
silicon- **on-insulator** semiconductors  
**on-line** programming  
**on-line** systems  
Landsat follow- **on** missions  
silicon- **on-sapphire** junctions  
silicon- **on-sapphire** semiconductors  
silicon- **on-sapphire** transistors  
Committee **on** Space Research  
Large Infrared Telescope **on** Spacelab  
*use* LIRTS (telescope)  
**onboard** computers  
*use* airborne/spaceborne computers  
**onboard** data processing  
**onboard** equipment  
stowage **(onboard)** equipment  
**oncogenes**  
**one** dimensional flow  
**one-phase** flow  
*use* single-phase flow  
**anisotropy**  
*use* anisotropy  
compact disk read- **only** memory devices  
*use* optical disks  
read- **only** memory devices  
**Onsager** phenomenological coefficient  
**Onsager** relationship  
**Ontario**  
Lake **Ontario**  
**ontogenesis**  
*use* ontogeny  
**ontogeny**  
**oocytes**  
*use* gametocytes  
**Oort** cloud  
**opacifiers**  
**opacity**  
**opalescence**  
**open** channel flow  
**open** circuit voltage

- open** clusters
- OPEN** Project
- open** source licensing (computers)
- crack **opening** displacement
- openings**
- clearings **(openings)**
- gates **(openings)**
- ports **(openings)**
- man **operated** propulsion systems
- operating** costs
- disk **operating** system (DOS)
- UNIX **(operating** system)
- operating** systems (computers)
- operating** temperature
- duplex **operation**
- Fishbowl **Operation**
- premature **operation**
- real time **operation**
- operational** amplifiers
- operational** calculus
- Geostationary **Operational** Environ Sats
  - use* GOES satellites
- National **Operational** Environmental Sat Sys
  - use* NOESS
- National Polar-orbiting **Operational** Environmental Satellite System
  - use* NPOESS
  - operational** hazards
  - operational** problems
- TIROS **operational** satellite system
- Improved TIROS **Operational** Satellites
  - use* ITOS satellites
- ground **operational** support system
- operations**
- air drop **operations**
- airline **operations**
- flight **operations**
- loading **operations**
- military **operations**
- preflight **operations**
- rescue **operations**
- Space **Operations** Center (NASA)
- operations** research
- Geostationary **Operatl** Environ Satellite B
  - use* GOES 2
- Bergman **operator**
- Sturm-Liouville **operator**
  - use* Sturm-Liouville theory
  - operator** performance
- operators**
- differential **operators**
  - use* differential equations
  - operators (mathematics)
- Fredholm **operators**
  - use* Fredholm equations
  - operators (mathematics)
- Laplace **operators**
  - use* Laplace transformation
- linear **operators**
  - operators** (mathematics)
  - operators** (personnel)
  - Ophiuchi** clouds
  - ophthalmodynamometry**
  - ophthalmology**
  - Opik** theory
- pilot **opinion** ratings
  - use* pilot ratings
- Born- **Oppenheimer** approximation
- optical** absorption
  - use* electromagnetic absorption
  - light transmission
- optical** activity
- optical** amplifiers
  - use* light amplifiers
- optical** bistability
- optical** coatings
- optical** communication
- free-space **optical** communication
- optical** computers
- optical** control
- optical** correction procedure
- optical** correlators
- optical** countermeasures
- optical** coupling
- optical** data processing
- optical** data storage materials
- optical** density
- optical** depolarization
- optical** depth
  - use* optical thickness
- optical** disks
- electro- **optical** effect
- holographic **optical** elements
- optical** emission
  - use* light emission
- optical** emission spectroscopy
- optical** equipment
- optical** fibers
- optical** filters
- optical** flow (image analysis)
- optical** generators
  - use* laser cavities
- optical** gyroscopes
- optical** heterodyning
- optical** illusion
- optical** images
  - use* images
- optical** interconnects
- free-space **optical** interconnects
- optical** interconnects
- optical** maser modulation
  - use* light modulation
- optical** masers
  - use* lasers
- optical** materials
- optical** measurement
- optical** measuring instruments
- optical** memory (data storage)
- optical** MEMS
  - use* microoptoelectromechanical systems
- optical** methods
  - use* optics
- optical** microscopes
- optical** modulation
  - use* light modulation
- optical** paths
- electro- **optical** photography
- optical** polarization
- optical** properties
- optical** pumping
- optical** pyrometers
- optical** radar
- optical** range finders
- optical** reflection
- optical** relay systems
- optical** resonance
- optical** resonators
- optical** satellite tracking program
- optical** scanners
- optical** sensors
  - use* optical measuring instruments
- optical** signals
  - use* optical communication
- optical** slant range
- optical** spectrum
  - use* light (visible radiation)
  - spectra
- optical** switching
- electro- **optical** switching
  - use* optical switching
- Spacelab UV- **Optical** Telescope Facility
  - use* Starlab
- solar **optical** telescope
- optical** thickness
- optical** tracking
- minitrack **optical** tracking system
  - use* minitrack system
- optical** transfer function

- optical** transition  
**optical** waveguides  
**optics**  
acousto-**optics**  
adaptive **optics**  
aspheric **optics**  
asymmetrical **optics**  
*use* aspheric optics  
atmospheric **optics**  
atom **optics**  
Cassegrain **optics**  
caustics **(optics)**  
crystal **optics**  
diffraction **optics**  
*use* diffractive optics  
diffractive **optics**  
electro-**optics**  
electron **optics**  
fiber **optics**  
FSOI (integrated **optics**)  
*use* free-space optical interconnects  
geometrical **optics**  
graded index **optics**  
*use* gradient index optics  
gradient index **optics**  
GRIN **(optics)**  
*use* gradient index optics  
integrated **optics**  
ion **optics**  
magneto-**optics**  
modulating retrodirective **optics**  
*use* Miros system  
nonlinear **optics**  
nonspherical **optics**  
*use* aspheric optics  
physical **optics**  
quantum **optics**  
ray **optics**  
*use* geometrical optics  
scatter plates **(optics)**  
underwater **optics**  
x ray **optics**  
**optimal** control  
time **optimal** control  
**optimization**  
design **optimization**  
flight **optimization**  
multidisciplinary design **optimization**  
shape **optimization**  
trajectory **optimization**  
**optimum** control  
*use* optimal control  
**optimum** thrust programming  
*use* thrust programming  
**options**  
**optoelectronic** devices  
**optoelectronic** switching  
*use* optical switching  
**optogalvanic** spectroscopy  
**optometry**  
brakes (forming **or** bending)  
identify friend **or** foe  
*use* IFF systems (identification)  
**OR-gates**  
*use* gates (circuits)  
Cascade Range (CA-**OR-WA**)  
Columbia River Basin (ID-**OR-WA**)  
**oral** hygiene  
**oratory**  
*use* public speaking  
**ORBIS**  
**ORBIS** CAL satellite  
lunar **orbit** and landing simulators  
**orbit** calculation  
satellite **orbit** calculation  
*use* orbit calculation  
**orbit** decay  
**orbit** determination  
airborne range and **orbit** determination
- AROD (range- **orbit** determination)  
*use* airborne range and orbit determination  
minimum variance **orbit** determination  
MINIVAR **orbit** determination  
*use* minimum variance orbit determination  
**orbit** equations  
*use* orbital mechanics  
Eccentric **Orbit** Geophysical Observatory  
*use* EGO  
Polar **Orbit** Geophysical Observatory  
*use* POGO  
**orbit** insertion  
spin- **orbit** interactions  
**Orbit** Maneuvering Engine (Space Shuttle)  
**orbit** perturbation  
Highly Eccentric **Orbit** satellites  
*use* HEOS satellites  
Halo **Orbit** space station  
**orbit** spectrum utilization  
Aeromaneuvering **Orbit** to Orbit Shuttle  
**orbit** transfer vehicles  
single stage to **orbit** vehicles  
**orbital** assembly  
spacecraft **orbital** assembly  
*use* orbital assembly  
**orbital** breakup  
*use* spacecraft breakup  
**orbital** elements  
Earth **orbital** environments  
Geosynchronous Earth **Orbital** Environments  
*use* Earth orbital environments  
low Earth **orbital** environments  
*use* Earth orbital environments  
Space Shuttle **Orbital** Flight 7  
*use* Space Shuttle mission 31-C  
Space Shuttle **Orbital** Flight 8  
*use* Space Shuttle mission 31-D  
Space Shuttle **Orbital** Flight 9  
*use* Space Shuttle mission 41-A  
**Orbital** Flight Test 1 (shuttle)  
*use* Space Transportation System 1 flight  
Space Shuttle **Orbital** Flight Test 1  
*use* Space Transportation System 1 flight  
**Orbital** Flight Test 2 (shuttle)  
*use* Space Transportation System 2 flight  
Space Shuttle **Orbital** Flight Test 2  
*use* Space Transportation System 2 flight  
**Orbital** Flight Test 3 (shuttle)  
*use* Space Transportation System 3 flight  
Space Shuttle **Orbital** Flight Test 3  
*use* Space Transportation System 3 flight  
**Orbital** Flight Test 4 (shuttle)  
*use* Space Transportation System 4 flight  
Space Shuttle **Orbital** Flight Test 4  
*use* Space Transportation System 4 flight  
**orbital** flight tests (shuttle)  
*use* Space Transportation System flights  
Space Shuttle **Orbital** Flight Tests  
*use* Space Transportation System flights  
Space Shuttle **Orbital** Flights  
*use* Space Transportation System flights  
manned **orbital** laboratories  
MOL (**orbital** laboratories)  
*use* manned orbital laboratories  
**orbital** launching

- orbital** lifetime
- orbital** maneuvering vehicles
- orbital** maneuvers
- orbital** mechanics
- orbital** motion
  - use* orbits
- orbital** position estimation
- orbital** rendezvous
- Earth **orbital** rendezvous
- lunar **orbital** rendezvous
- orbital** resonances (celestial mechanics)
- orbital** servicing
- Experimental Reflector **Orbital** Shot Proj
- orbital** shots
- High Vacuum **Orbital** Simulator
- orbital** simulators
  - use* space simulators
- manned **orbital** space stations
  - use* space stations
- Bioastronautical **Orbital** Space System
- orbital** space tests
- manned **orbital** telescopes
- MOT (**orbital** telescopes)
  - use* manned orbital telescopes
- Orbital** Test Satellite (ESA)
  - use* OTS (ESA)
- Maritime **Orbital** Test Satellite
  - use* Marots (ESA)
- orbital** transfer
  - use* transfer orbits
- orbital** velocity
- orbital** workers
- orbital** workshops
- orbitals**
- electron **orbitals**
- molecular **orbitals**
- Slater **orbitals**
- Atlantis (**orbiter**)
- Challenger (**Orbiter**)
- Columbia (**Orbiter**)
- Discovery (**Orbiter**)
- Endeavour (**orbiter**)
- Enterprise (**Orbiter**)
- Lunar **Orbiter**
- Lunar Reconnaissance **Orbiter**
- Mars Climate **Orbiter**
- Mars Geoscience Climatology **Orbiter**
  - use* Mars Observer
- Mars Reconnaissance **Orbiter**
- Mars Surveyor 98 **Orbiter**
  - use* Mars Climate Orbiter
- Nozomi Mars **Orbiter**
- Pioneer Venus **Orbiter**
  - use* Pioneer Venus 1 spacecraft
- Lunar **Orbiter** 1
- Viking **orbiter** 1
- Lunar **Orbiter** 2
- Viking **orbiter** 2
- Lunar **Orbiter** 3
- Lunar **Orbiter** 4
- Lunar **Orbiter** 5
- Space Shuttle **Orbiter** 099
  - use* Challenger (Orbiter)
- Space Shuttle **Orbiter** 101
  - use* Enterprise (Orbiter)
- Space Shuttle **Orbiter** 102
  - use* Columbia (Orbiter)
- Space Shuttle **Orbiter** 103
  - use* Discovery (Orbiter)
- Space Shuttle **Orbiter** 104
  - use* Atlantis (orbiter)
- Space Shuttle **Orbiter** 105
  - use* Endeavour (orbiter)
- Viking **orbiter** 1975
- Lunar **Orbiter** A
  - use* Lunar Orbiter 1
- Lunar **Orbiter** B
  - use* Lunar Orbiter 2
- Lunar **Orbiter** C
  - use* Lunar Orbiter 3
- Mars **Orbiter** Camera (MOC)
  - use* Mars Global Surveyor
- Lunar **Orbiter** D
  - use* Lunar Orbiter 4
- Lunar **Orbiter** E
  - use* Lunar Orbiter 5
- Mars **Orbiter** Laser Altimeter (MOLA)
  - use* Mars Global Surveyor
- Viking **orbiter** spacecraft
- Shuttle **Orbiters**
  - use* Space Shuttle orbiters
- Space Shuttle **orbiters**
  - Orbiting** Astronomical Observatory
    - use* OAO
  - Orbiting** Carbon Observatory (OCO)
    - orbiting** dipoles
    - Orbiting** Frog Otolith
    - Orbiting** Geophysical Observatory
      - use* OGO
  - Venus **orbiting** imaging radar (spacecraft)
    - orbiting** lunar stations
  - Global **Orbiting** Navigation Satellite Sys.
    - use* GLONASS
  - National Polar- **orbiting** Operational Environmental Satellite System
    - use* NPOESS
  - H-2 **orbiting** plane
    - use* HOPE aerospace plane
  - H-II **orbiting** plane
    - use* HOPE aerospace plane
  - orbiting** radio beacon ionospheric sounder
    - use* ORBIS
  - Orbiting** Solar Observatory
    - use* OSO
  - Advanced **Orbiting** Solar Observatory
    - use* AOSO
  - Earth **orbiting** space stations
    - use* space stations
- Automatic Universal **Orbiting** Stations
- kilometer wave **orbiting** telescope
- orbitrons**
- orbits**
- circular **orbits**
- Earth **orbits**
- eccentric **orbits**
- elliptical **orbits**
- equatorial **orbits**
- geosynchronous **orbits**
- heliocentric **orbits**
  - use* solar orbits
- Hohmann transfer **orbits**
  - use* elliptical orbits
  - transfer orbits
- interplanetary transfer **orbits**
- low Earth **orbits**
- lunar **orbits**
- parking **orbits**
- periodic **orbits**
  - use* orbits
- planetary **orbits**
- polar **orbits**
- retrograde **orbits**
- satellite **orbits**
- solar **orbits**
- spacecraft **orbits**
- stationary **orbits**
- stellar **orbits**
- transfer **orbits**
- Trojan **orbits**
- twenty-four hour **orbits**
- two body **orbits**
  - use* two body problem
- orchards**
- order-disorder** transformations
- reduced **order** filters

higher	<b>order</b> languages <i>use</i> high level languages		<b>orientation</b>
	<b>ordnance</b>	Earth	<b>orientation</b>
bombs	<b>(ordnance)</b>	fiber	<b>orientation</b>
fuses	<b>(ordnance)</b>	horizontal	<b>orientation</b>
guns	<b>(ordnance)</b>	instrument	<b>orientation</b>
mines	<b>(ordnance)</b>	ply	<b>orientation</b>
	<b>Oregon</b>	satellite	<b>orientation</b>
	<b>ores</b> <i>use</i> minerals	space	<b>orientation</b>
iron	<b>ores</b>	spatial	<b>orientation</b> <i>use</i> attitude (inclination)
Corti	<b>organ</b>	vertical	<b>orientation</b>
	<b>organ</b> culturing	service	<b>oriented</b> architecture
	<b>organ</b> weight	algorithmic	<b>oriented</b> language <i>use</i> ALGOL
	<b>organelles</b>	Common Business	<b>Oriented</b> Language <i>use</i> Cobol
azides	<b>(organic)</b>	machine	<b>oriented</b> languages
	<b>organic</b> aluminum compounds	object-	<b>oriented</b> programming
	<b>organic</b> boron compounds		<b>orifice</b> flow
	<b>organic</b> charge transfer salts		<b>orifices</b>
metal	<b>organic</b> chemical vapor deposition <i>use</i> metalorganic chemical vapor deposition		<b>Origin</b> of Plasmas in Earth Neighborhood <i>use</i> OPEN Project
	<b>organic</b> chemistry		<b>origins</b>
VOC	<b>(organic</b> chemistry) <i>use</i> volatile organic compounds	planet	<b>origins</b> <i>use</i> planetary evolution
	<b>organic</b> compounds		<b>Orion</b> aircraft <i>use</i> P-3 aircraft
fluorine	<b>organic</b> compounds		<b>Orion</b> constellation
lead	<b>organic</b> compounds		<b>Orion</b> crew vehicle <i>use</i> Crew Exploration Vehicle
polynuclear	<b>organic</b> compounds		<b>Orion</b> nebula
volatile	<b>organic</b> compounds		<b>Orion</b> (radio interferometry network)
	<b>organic</b> coolants		<b>Orionid</b> meteoroids
	<b>organic</b> cooled reactors		<b>Orionis</b>
experimental	<b>organic</b> cooled reactors	Sigma	<b>Orlicz</b> space
	<b>organic</b> fluorine compounds <i>use</i> fluorine organic compounds		<b>ornithopter</b> aircraft <i>use</i> research aircraft
	<b>organic</b> germanium compounds		<b>Ornstein-Uhlenbeck</b> process
	<b>organic</b> lasers		<b>orographic</b> clouds <i>use</i> cap clouds
	<b>organic</b> liquids		<b>orography</b>
	<b>organic</b> lithium compounds		<b>Orr-Sommerfeld</b> equations
	<b>organic</b> materials		<b>orrieres</b> <i>use</i> astronomical models
dissolved	<b>organic</b> matter		<b>orthicons</b>
	<b>organic</b> moderated reactors	image	<b>orthicons</b>
	<b>organic</b> nitrates		<b>ortho</b> hydrogen
	<b>organic</b> peroxides		<b>ortho</b> para conversion
	<b>organic</b> phosphorus compounds	tetraethyl	<b>orthocarbonates</b>
	<b>organic</b> semiconductors		<b>orthogonal</b> functions
	<b>organic</b> silicon compounds		<b>orthogonal</b> multiplexing theory
	<b>organic</b> solids		<b>orthogonality</b>
	<b>organic</b> sulfur compounds		<b>orthography</b>
	<b>organic</b> superconductors		<b>orthonormal</b> functions
	<b>organic</b> tin compounds		<b>orthopedics</b>
	<b>organic</b> wastes (fuel conversion)		<b>orthophotography</b>
	<b>organisms</b>		tetraethyl <b>orthosilicate</b>
European Space Research	<b>Organization</b> <i>use</i> European Space Agency		<b>orthostatic</b> tolerance
Indian Space Research	<b>Organization</b> <i>use</i> ISRO		<b>orthotropic</b> cylinders
World Meteorological	<b>Organization</b>		<b>orthotropic</b> plates
North Atlantic Treaty	<b>Organization</b> (NATO)		<b>orthotropic</b> shells
European Space Research	<b>Organization</b> sat <i>use</i> ESA satellites		<b>orthotropism</b>
	<b>organizations</b>		<b>oscillating</b> cylinders
bureaus	<b>(organizations)</b>		<b>oscillating</b> flow
	<b>organizing</b>	forced	<b>oscillation</b> <i>use</i> forced vibration
self	<b>organizing</b> systems	harmonic	<b>oscillation</b>
	<b>organometallic</b> compounds	ion	<b>oscillation</b> <i>use</i> plasma oscillations
	<b>organometallic</b> polymers	lateral	<b>oscillation</b>
	<b>organometallic</b> vapor deposition <i>use</i> metalorganic chemical vapor deposition	Madden-Julian	<b>Oscillation</b>
	<b>organs</b>	nonstabilized	<b>oscillation</b>
otolith	<b>organs</b>	nutational	<b>oscillation</b> <i>use</i> nutation
sense	<b>organs</b>		<b>oscillation</b>
	<b>orgel</b> reactor <i>use</i> organic cooled reactors	pilot induced	<b>oscillation</b>
	<b>Orgueil</b> meteorite	quasi-biennial	<b>oscillation</b>
	<b>ORIC</b> cyclotron <i>use</i> Oak Ridge isochronous cyclotron	self	<b>oscillation</b>
Llanos	<b>Orientales</b> (Colombia)	Southern	<b>Oscillation</b>

- tidal **oscillation**  
*use* tides
- transverse **oscillation**  
**oscillation** dampers  
**oscillations**
- airfoil **oscillations**
- electron **oscillations**
- free **oscillations**  
*use* free vibration
- hydrofoil **oscillations**
- intraseasonal **oscillations**  
*use* intraseasonal variations
- molecular **oscillations**
- phugoid **oscillations**  
*use* oscillations  
pitch (inclination)
- plasma **oscillations**
- pressure **oscillations**
- solar **oscillations**
- stable **oscillations**
- stellar **oscillations**
- transient **oscillations**
- undamped **oscillations**
- wing **oscillations**  
**oscillator** strengths  
**oscillators**
- crystal **oscillators**
- harmonic **oscillators**
- mechanical **oscillators**
- microwave **oscillators**
- molecular **oscillators**
- parametric **oscillators**  
*use* parametric amplifiers
- relaxation **oscillators**
- synchronized **oscillators**
- vacuum tube **oscillators**
- voltage controlled **oscillators**
- wave **oscillators**  
*use* oscillators
- essentially non-**oscillatory** schemes  
**oscillograms**  
*use* oscillographs  
**oscillographs**  
**oscilloscopes**  
**osculations**  
*use* double cusps  
**Oseen** approximation  
**osmium**  
**osmium** alloys  
**osmium** compounds  
**osmium** isotopes  
**osmometers**  
**osmosis**
- reverse **osmosis**  
**osmotic** pressure  
*use* osmosis
- OSO**  
**OSO-1**  
**OSO-2**  
**OSO-3**  
**OSO-4**  
**OSO-5**  
**OSO-6**  
**OSO-7**  
**OSO-8**  
**OSO-A**  
*use* OSO-1  
**OSO-B**  
*use* OSO-2  
**OSO-C**  
**OSO-D**  
*use* OSO-4  
**OSO-E**  
*use* OSO-3  
**OSO-F**  
*use* OSO-5  
**OSO-G**  
*use* OSO-6
- OSO-H**  
*use* OSO-7
- OSO-J**  
*use* OSO-8
- Osprey** aircraft  
*use* V-22 aircraft
- Osprey** missile
- OSS-1** payload
- OSTA-1** payload
- OSTA-2** payload
- OSTA-3** payload
- osteoblasts**
- osteocalcin**
- osteogenesis**
- osteoporosis**
- Ostwald** coarsening  
*use* Ostwald ripening
- Ostwald** ripening
- OT-2**  
*use* ESSA 2 satellite
- OT-3**  
*use* ESSA 1 satellite
- OTF**  
*use* optical transfer function
- otolaryngology**
- Orbiting Frog **Otolith**
- otolith** organs
- otology**
- OTS** (ESA)
- Otto** cycle
- OTV**  
*use* orbit transfer vehicles
- outcrops**
- Outer** Banks (NC)
- outer** planet missions  
*use* Grand Tours
- outer** planet spacecraft  
*use* outer planets explorers
- Thermoelectric **Outer** Planet Spacecraft  
*use* TOPS (spacecraft)
- outer** planets explorers
- outer** radiation belt
- outer** space treaty
- outgassing**
- outlet** flow
- outlets**
- electric **outlets**  
**outlets** (geology)  
*use* estuaries
- outliers** (landforms)
- outliers** (statistics)
- output**
- cardiac **output**
- multiple input multiple **output**  
*use* MIMO (control systems)
- multiple **output** programs
- input/ **output** routines
- single input single **output** systems  
*use* SISO (control systems)
- laser **outputs**
- maser **outputs**
- cut- **outs**  
*use* openings
- OV-1** aircraft
- OV-1** satellites
- Grumman **OV-1C** aircraft  
*use* OV-1 aircraft
- OV-2** satellites
- OV-3** satellites
- OV-4** satellites
- OV-5** satellites
- OV-10** aircraft
- ovaries**
- ovens**
- logistics **over** the shore (LOTS) carrier
- over-the-horizon** radar
- overcast**  
*use* cloud cover

- overcompression**
- use* overconsolidation
- overconsolidation**
- Overhauser effect**
- overpressure**
- overtones**
- use* harmonics
- general **overviews**
- overvoltage**
- oxalates**
- cobalt **oxalates**
- oxalic acid**
- oxamic acids**
- oxazole**
- oxetane** polymers
- photochemical **oxidants**
- oxidase**
- oxidation**
- electrochemical **oxidation**
- oxidation**-reduction reactions
- oxidation** resistance
- ethylene **oxide**
- hydrogen deuterium **oxide**
- use* heavy water
- nitric **oxide**
- propylene **oxide**
- trifluoroamine **oxide**
- zinc silver **oxide** batteries
- use* silver zinc batteries
- oxide** dispersion strengthening
- oxide** films
- solid **oxide** fuel cells
- metal-**oxide**-metal semiconductors
- fast **oxide** reactors
- complementary metal **oxide** semiconductors
- use* CMOS
- indium-tin-**oxide** semiconductors
- metal **oxide** semiconductors
- metal-nitride-**oxide**-semiconductors
- metal-nitride-**oxide**-silicon
- silver **oxide** zinc batteries
- use* silver zinc batteries
- oxides**
- alkaline earth **oxides**
- aluminum **oxides**
- barium **oxides**
- beryllium **oxides**
- bismuth **oxides**
- boron **oxides**
- butylene **oxides**
- use* tetrahydrofuran
- calcium **oxides**
- cerium **oxides**
- cesium **oxides**
- chlorine **oxides**
- chromium **oxides**
- cobalt **oxides**
- copper **oxides**
- deuterium **oxides**
- use* heavy water
- gallium **oxides**
- germanium **oxides**
- hafnium **oxides**
- indium **oxides**
- iron **oxides**
- lanthanum **oxides**
- lead **oxides**
- lithium **oxides**
- magnesium **oxides**
- manganese **oxides**
- mercury **oxides**
- metal **oxides**
- mixed **oxides**
- molybdenum **oxides**
- nickel **oxides**
- niobium **oxides**
- nitrogen **oxides**
- nitrous **oxides**
- phosphorus **oxides**
- platinum **oxides**
- plutonium **oxides**
- potassium **oxides**
- scandium **oxides**
- selenium **oxides**
- silicon **oxides**
- silver **oxides**
- strontium **oxides**
- sulfur **oxides**
- tantalum **oxides**
- thorium **oxides**
- tin **oxides**
- titanium **oxides**
- tungsten **oxides**
- uranium **oxides**
- vanadium **oxides**
- yttrium **oxides**
- zinc **oxides**
- zirconium **oxides**
- oxidizers**
- high energy **oxidizers**
- liquid **oxidizers**
- propellant **oxidizers**
- use* rocket oxidizers
- rocket **oxidizers**
- oximetry**
- oxosilanes**
- use* polysilanes
- high velocity **oxy-fuel** spraying
- use* HVOF thermal spraying
- oxyacetylene**
- oxyalkylation**
- use* alkylation
- oxyfluorides**
- oxygen**
- fluorine-liquid **oxygen**
- use* FLOX
- high pressure **oxygen**
- liquid **oxygen**
- LOX **(oxygen)**
- use* liquid oxygen
- oxygen** 17
- oxygen** 18
- oxygen** afterglow
- oxygen** analyzers
- argon-**oxygen** atmospheres
- helium-**oxygen** atmospheres
- oxygen** atoms
- zinc-**oxygen** batteries
- oxygen** breathing
- oxygen** compounds
- oxygen** consumption
- oxygen** deficiency
- use* hypoxia
- biochemical **oxygen** demand
- oxygen** detectors
- use* oxygen analyzers
- hydrogen **oxygen** engines
- oxygen** fluorides
- hydrogen **oxygen** fuel cells
- high velocity **oxygen** fuel thermal spraying
- use* HVOF thermal spraying
- oxygen**-hydrocarbon rocket engines
- liquid **oxygen** hydrocarbon rocket engines
- use* oxygen-hydrocarbon rocket engines
- chemical **oxygen**-iodine lasers
- oxygen** ions
- oxygen** isotopes
- oxygen** masks
- oxygen** metabolism
- oxygen** plasma
- oxygen** production
- oxygen** recombination
- oxygen** regulators
- oxygen** spectra
- oxygen** supply equipment
- oxygen** systems
- use* oxygen supply equipment

**oxygen** tension  
**oxygen** toxicity  
*use* hyperoxia  
**oxygenation**  
**oxyhalides**  
**oxyhemoglobin**  
**oxynitrides**  
**ozonates**  
**ozone**  
**ozone** depletion  
**ozone** fluoride  
**ozone** holes  
*use* ozone depletion  
**ozone** layer  
*use* ozonosphere

Total **Ozone** Mapping Spectrometer  
**ozonesondes**  
**ozonides**  
**ozonometry**  
**ozonosphere**

## P

vitamin **P**  
*use* bioflavonoids  
**P-1** engine  
**P-3** aircraft  
**P-51** aircraft  
**P-84** aircraft  
*use* jet provost aircraft  
Hunting **P-84** aircraft  
*use* jet provost aircraft  
**P-160** aircraft  
ME **P-160** aircraft  
*use* P-160 aircraft  
Messerschmitt ME **P-160** aircraft  
*use* P-160 aircraft  
**P-166** aircraft  
Piaggio **P-166** aircraft  
*use* P-166 aircraft  
**P-308** aircraft  
ME **P-308** aircraft  
*use* P-308 aircraft  
Messerschmitt ME **P-308** aircraft  
*use* P-308 aircraft  
**P-531** helicopter  
Westland **P-531** helicopter  
*use* P-531 helicopter  
**P-1127** aircraft  
Hawker **P-1127** aircraft  
*use* P-1127 aircraft  
**P-1154** aircraft  
Hawker **P-1154** aircraft  
*use* P-1154 aircraft  
**P** band  
**p-i-n** diodes  
*use* diodes  
p-i-n junctions  
**p-i-n** junctions  
n- **p** junctions  
*use* p-n junctions  
p-n- **p** junctions  
**p-n** junctions  
n- **p-n** junctions  
p-n- **p-n** junctions  
**p-type** semiconductors  
**P** waves  
Integrated Truss Structure **P1**  
**P3V** aircraft  
*use* P-3 aircraft  
**P78-2** satellite  
*use* SCATHA satellite  
**P.A.C.M.** telemetry  
Susquehanna River Basin (MD-NY- **PA**)  
**PA-34** Seneca aircraft  
San **Pablo** Bay (CA)  
**PACE**  
*use* Physics and Chemistry

Experiment in Space  
artificial cardiac **pacemaker**  
**Pacific** islands  
**Pacific** Northwest (US)  
**Pacific** Ocean  
Apollo Lunar Surface Experiments **Package**  
Early Apollo Surface Experiments **Package**  
*use* EASEP  
Earth Resources Experiment **Package**  
*use* EREP  
Goddard experiment **package** telescope  
*use* particle telescopes  
**packages**  
instrument **packages**  
**packaging**  
electronic **packaging**  
Hewlett- **Packard** computers  
close **packed** lattices  
**packet** switching  
**packet** transmission  
wave **packets**  
**packets** (communication)  
**packing**  
**packing** density  
**packings** (seals)  
ice **packs**  
*use* sea ice  
**pad**  
**paddles**  
**Pade** approximation  
launching **pads**  
Handley **Page** aircraft  
Handley **Page** HP-115 aircraft  
*use* HP-115 aircraft  
**PAGEOS** satellite  
**PAH**  
*use* polycyclic aromatic hydrocarbons  
**pain**  
**pain** sensitivity  
**paint** removal  
**paint** stripping  
*use* paint removal  
**paints**  
pressure sensitive **paints**  
PSP **(paints)**  
*use* pressure sensitive paints  
temperature sensitive **paints**  
**pair** production  
electron-positron **pairs**  
**Pakistan**  
East **Pakistan**  
*use* Bangladesh  
**Pakistan** space program  
**Palapa** 2 satellite  
**Palapa** B satellite  
*use* Palapa 2 satellite  
**Palapa** satellites  
**paleobiology**  
**paleoclimatology**  
**paleomagnetism**  
**paleontology**  
**Paleozoic** Era  
**palladium**  
**palladium** alloys  
**palladium** compounds  
**palladium** isotopes  
Shuttle **pallet** satellites  
**Palmar** sweat index  
**Palmgren**-Miner rule  
**palmitic** acid  
**Palo** Verde Valley (CA)  
**PAM** (modulation)  
*use* pulse amplitude modulation  
**pampas**  
**PAN** (polyacrylonitrile)  
*use* polyacrylonitrile  
**Panama**  
**Panama** Canal Zone  
**pancreas**

- Pandora**
- flat **panel** displays  
**panel** flutter  
**panel** method (fluid dynamics)  
**panels**  
control **panels**  
*use* control boards
- curved **panels**
- rectangular **panels**
- wing **panels**
- panic**
- panoramic** cameras  
**panoramic** scanning
- panspermia**
- PANT** program
- Pantar** chondrites
- Panther** aircraft  
*use* F-9 aircraft
- papain**
- boards **(paper)**
- forms **(paper)**
- paper** chromatography  
**paper** (material)  
**papers**  
**papillae**
- Papua** New Guinea
- ortho **para** conversion  
**para** hydrogen  
**parabolas**  
**parabolic** antennas  
**parabolic** bodies  
**parabolic** differential equations  
**parabolic** flight  
**parabolic** reflectors  
**parabolic** velocity  
*use* escape velocity  
**paraboloid** mirrors  
**paraboloids**  
*use* parabolic bodies  
**parachute** descent  
**parachute** fabrics  
**parachutes**  
drogue **parachutes**  
*use* drag chutes
- recovery **parachutes**
- ribbon **parachutes**  
**parachuting**  
*use* parachute descent  
**parachuting** injury  
**paracone**
- clock **paradox**  
**paradoxes**  
**paraffins**  
**parafoils**
- Dornier **paraglider** rocket vehicle  
**paragliders**  
**Paraguay**  
**parallax**
- solar **parallax**
- stellar **parallax**  
**parallel** computers  
**parallel** flow  
**parallel** plates  
**parallel** processing (computers)  
massively **parallel** processors  
**parallel** programming  
**parallel** strip lines  
*use* microstrip transmission lines  
**parallelepiped**  
**parallelograms**  
**paralysis**  
**paramagnetic** amplifiers  
*use* masers  
**paramagnetic** resonance  
electron **paramagnetic** resonance  
**paramagnetism**  
**paramecia**
- time temperature **parameter**  
**parameter** identification
- distributed **parameter** systems  
lumped **parameter** systems  
linear **parameter**-varying control  
**parameterization**  
**parameters**  
*use* independent variables
- collision **parameters**
- lattice **parameters**
- meteorological **parameters**
- oceanographic **parameters**  
**parametric** amplifiers  
**parametric** diodes  
**parametric** frequency converters  
**parametric** oscillators  
*use* parametric amplifiers
- parametrons**
- paranasal** sinuses
- paraplasts**
- parapsychology**  
*use* extrasensory perception
- parasites**
- parasitic** antennas  
*use* parasitic elements (antennas)  
**parasitic** diseases  
**parasitic** elements (antennas)  
**parasitic** reflectors  
*use* parasitic elements (antennas)
- parathyroid** gland
- parawings**
- meteorite **parent** bodies  
meteoroid **parent** bodies  
*use* meteorite parent bodies
- parenteral** functions
- parents**
- parity**
- Yellowstone National **Park** (ID-MT-WY)
- parking**
- parking** orbits
- Parkinson** disease
- parks**
- national **parks**  
**parotid** gland  
*use* salivary glands
- parsing** algorithms
- partial** differential equations
- partial** pressure
- particle** acceleration  
**particle** accelerator targets  
**particle** accelerators  
**(particle** accelerators)  
racetracks **Particle** Accelerators  
Space Exper with **(particle** accelerators)  
storage rings **particle** beams  
**particle** charging  
**particle** collisions  
**particle** counters  
*use* radiation counters  
**particle** decay  
**particle** density (concentration)  
**particle** detectors  
*use* radiation counters  
**particle** diffusion  
**particle** emission  
**particle** energy
- Energetic **Particle** Explorer A  
*use* Explorer 12 satellite
- Energetic **Particle** Explorer B  
*use* Explorer 14 satellite
- Energetic **Particle** Explorer C  
*use* Explorer 15 satellite
- Energetic **Particle** Explorer D  
*use* Explorer 26 satellite
- particle** flux  
*use* flux (rate)  
**particle** flux density  
**particle** image displacement velocimetry  
*use* particle image velocimetry  
**particle** image velocimetry  
**particle** in cell technique

- particle** intensity
- particle** interactions
- elementary **particle** interactions
- plasma- **particle** interactions
- wave- **particle** interactions
- particle** laden jets
- particle** mass
- precipitation **particle** measurement
- particle** motion
- charm (**particle** physics)
- color (**particle** physics)
- use* quantum chromodynamics
- flavor (**particle** physics)
- standard model (**particle** physics)
- particle** precipitation
- particle** production
- particle** size distribution
- particle** spin
- particle** telescopes
- particle** theory
- many **particle** theory
- use* many body problem
- Active Magneto **Particle** Tracer Explorers
- use* AMPTE (satellites)
- particle** tracks
- particle** trajectories
- particles**
- alpha **particles**
- beta **particles**
- charged **particles**
- elementary **particles**
- energetic **particles**
- geomagnetically trapped **particles**
- use* radiation belts
- hypothetical **particles**
- magnetically trapped **particles**
- metal **particles**
- neutral **particles**
- nuclear **particles**
- penetrating **particles**
- use* corpuscular radiation
- powder (**particles**)
- quasi- **particles**
- use* elementary excitations
- relativistic **particles**
- trapped **particles**
- weakly interacting massive **particles**
- particulate** filters
- use* fluid filters
- particulate** reinforced composites
- particulate** sampling
- particulates**
- partitions**
- partitions** (mathematics)
- partitions** (structures)
- quark **parton** model
- partons**
- parts**
- use* components
- aircraft **parts**
- engine **parts**
- spare **parts**
- PAS**
- Pascal** (programming language)
- Paschen** series
- Pasiphae**
- high **pass** filters
- low **pass** filters
- ingress (spacecraft) **passageway**
- passageways**
- passenger** aircraft
- passengers**
- passes**
- use* gaps (geology)
- passivation**
- use* passivity
- passive** elements
- use* parasitic elements (antennas)
- passive** L-band radiometers
- passive** nosetip technology
- use* PANT program
- passive** satellites
- passivity**
- paste** (consistency)
- pastes**
- pasteurizing**
- patch** antennas
- patch** tests
- patent** applications
- patent** policy
- patents**
- mean free **path**
- gas **path** analysis
- critical **path** method
- path** planning
- use* trajectory planning
- Mars **Pathfinder**
- Pathfinder** nuclear reactor
- CALIPSO (**Pathfinder** satellite)
- pathogenesis**
- pathogens**
- pathological** cell death
- use* necrosis
- pathological** effects
- pathology**
- human **pathology**
- paths**
- diffraction **paths**
- electron **paths**
- use* electron trajectories
- flight **paths**
- glide **paths**
- optical **paths**
- patients**
- Patriot** missile
- patrols**
- Kossel **pattern**
- pattern** distribution
- use* distribution (property)
- test **pattern** generators
- pattern** method (forecasting)
- pattern** recognition
- automatic **pattern** recognition
- use* pattern recognition
- pattern** registration
- patterns**
- antenna radiation **patterns**
- chaotic cloud **patterns**
- use* clouds (meteorology)
- diffraction **patterns**
- drainage **patterns**
- flat **patterns**
- flow **patterns**
- use* flow distribution
- fringe **patterns**
- use* diffraction patterns
- radial drainage **patterns**
- use* drainage patterns
- speckle **patterns**
- Patterson** map
- Pauli** exclusion principle
- pavements**
- AMPS (satellite **payload**)
- Atmospheric and Magnetospheric **Payload**
- use* AMPS (satellite payload)
- EXPOS (Spacelab **payload**)
- OSS-1 **payload**
- OSTA-1 **payload**
- OSTA-2 **payload**
- OSTA-3 **payload**
- plasmas-in-space **payload**
- use* AMPS (satellite payload)
- SEPAC (**payload**)
- X Ray Spectropolarimetry **Payload**
- use* EXPOS (Spacelab payload)
- payload** assist module
- payload** control
- payload** delivery (STS)

	<b>payload</b> deployment & retrieval system		<b>pedology</b>
	<b>payload</b> integration		<i>use</i> soil science
	<b>payload</b> integration plan		<b>PEEK</b>
	<b>payload</b> mass ratio		<b>peeling</b>
	<b>payload</b> retrieval (STS)		<b>peening</b>
	<b>payload</b> stations	shot	<b>peening</b>
	<b>payload</b> transfer		<b>Pegasus</b> air-launched booster
	<b>payloads</b>		<b>Pegasus</b> computer
Office of Space & Terrestre Applic	<b>Payloads</b>		<b>Pegasus</b> engine
	<i>use</i> OSTA-1 payload		<i>use</i> Bristol-Siddeley BS 53 engine
	OSTA-2 payload		<b>Pegasus</b> satellites
	OSTA-3 payload		<b>pelagic</b> zone
Space Shuttle	<b>payloads</b>		<b>pellets</b>
space station	<b>payloads</b>		<b>pellicle</b>
Spacelab	<b>payloads</b>		<b>pelomyxa</b>
	<b>PBB</b>		<b>Peltier</b> effects
	<i>use</i> polybrominated biphenyls		<b>pelvis</b>
	<b>PBRE</b> (reactors)		<b>penalties</b>
	<i>use</i> pebble bed reactors		<b>penalty</b> function
IBM	<b>PC</b>		<b>pencil</b> beams
	<i>use</i> IBM personal computers		<b>pendulous</b> gyroscopes
Macintosh	<b>PC</b>		<i>use</i> gyroscopic pendulums
	<i>use</i> Macintosh personal computers		<b>pendulums</b>
	<b>PCB</b>	gyroscopic	<b>pendulums</b>
	<i>use</i> polychlorinated biphenyls		<b>penetrants</b>
	<b>PCM</b> (materials)		<b>penetrating</b> particles
	<i>use</i> phase change materials		<i>use</i> corpuscular radiation
	<b>PCM</b> (modulation)	ground	<b>penetrating</b> radar
	<i>use</i> pulse code modulation		<b>penetration</b>
	<b>PCM</b> telemetry	projectile	<b>penetration</b>
	<b>PD-808</b> aircraft		<i>use</i> terminal ballistics
Douglas	<b>PD-808</b> aircraft	target	<b>penetration</b>
	<i>use</i> PD-808 aircraft		<i>use</i> terminal ballistics
Piaggio-Douglas	<b>PD-808</b> aircraft		<b>penetration</b> ballistics
	<b>PDE</b> (engines)		<i>use</i> terminal ballistics
	<i>use</i> pulse detonation engines		<b>penetrometers</b>
	<b>PDM</b> (modulation)		<b>penicillin</b>
	<i>use</i> pulse duration modulation	Delmarva	<b>Peninsula</b> (DE-MD-VA)
	<b>PDP</b> 7 computer		<b>Peninsular</b> Ranges (CA)
	<b>PDP</b> 8 computer		<b>peninsulas</b>
	<b>PDP</b> 9 computer		<b>Penning</b> discharge
	<b>PDP</b> 10 computer		<b>Penning</b> effect
	<b>PDP</b> 11 computer		<b>Penning</b> gages
	<b>PDP</b> 12 computer		<b>Pennsylvania</b>
	<b>PDP</b> 15 computer		<b>pens</b>
	<b>PDP</b> 11/20 computer		<b>pentaboranes</b>
	<b>PDP</b> 11/40 computer		<b>pentachlorides</b>
	<b>PDP</b> 11/45 computer		<i>use</i> chlorides
	<b>PDP</b> 11/50 computer		<b>pentaerythritol</b> tetranitrate
	<b>PDP</b> 11/70 computer		<i>use</i> PETN
	<b>PDP</b> computers		<b>pentanes</b>
	<b>PDRE</b> (engines)		<b>pentanone</b>
	<i>use</i> pulse detonation engines		<b>pentobarbital</b>
	<b>PDS</b> (spectroscopy)		<b>pentobarbital</b> sodium
	<i>use</i> photothermal deflection		<b>pentodes</b>
	spectroscopy		<b>pentolite</b>
	<b>PDWE</b> (engines)		<b>pentose</b>
	<i>use</i> pulse detonation engines		<b>penumbras</b>
	<b>Peacekeeper</b> missile		<b>PEOLE</b> satellites
	<i>use</i> MX missile		<b>Peoples</b> Democratic Republic of
	<b>peacetime</b>		Germany
Pike's	<b>Peak</b> (CO)		<i>use</i> East Germany
	<b>peaks</b>	Chinese	<b>Peoples</b> Republic
Bordoni	<b>peaks</b> (landforms)		<i>use</i> China
	<b>pearlite</b>	Democratic	<b>Peoples</b> Republic of Korea
	<b>Pearson</b> distributions		<i>use</i> North Korea
	<b>peat</b>		<b>peppers</b>
	<b>pebble</b> bed reactors		<b>pepsin</b>
	<b>Peclet</b> number		<b>peptides</b>
angina	<b>pectoris</b>	single channel	<b>per</b> carrier transmission
	<b>peculiar</b> galaxies	rates	( <b>per</b> time)
	<b>peculiar</b> stars	flux (rate)	<b>per</b> unit area)
	<b>pedals</b>		<i>use</i> flux density
	<b>Pedersen</b> currents	effective	<b>perceived</b> noise levels
	<b>pediments</b>		<b>percentage</b>
	<i>use</i> piedmonts		<i>use</i> ratios
	<b>pediplains</b>		<b>perception</b>
	<i>use</i> piedmonts	auditory	<b>perception</b>

perception

- color **perception**  
*use* color vision
- cutaneous **perception**  
*use* touch
- depth **perception**  
*use* space perception
- distance **perception**  
*use* space perception
- extrasensory **perception**
- form **perception**  
*use* space perception
- gravity **perception**
- gustatory **perception**  
*use* taste
- motion **perception**
- olfactory **perception**
- sensory **perception**
- slant **perception**  
*use* space perception
- sound **perception**  
*use* auditory perception
- space **perception**
- thresholds **(perception)**
- vertical **perception**
- vibration **perception**
- visual **perception**
- perceptons**  
*use* self organizing systems
- perceptual** errors
- perceptual** time constant
- hydrogen **perchlorate**
- nitronium **perchlorate**
- perchlorates**
- aluminum **perchlorates**
- ammonium **perchlorates**
- hydrazine **perchlorates**
- hydroxylammonium **perchlorates**
- lithium **perchlorates**
- magnesium **perchlorates**
- potassium **perchlorates**
- perchloric** acid
- perchloryl** fluorides
- percolation**
- Percus** method
- percussion**
- perfect** gas  
*use* ideal gas
- perfectly** matched layers
- perfluoro** compounds
- perfluoroalkane**
- perfluoroguanidine**
- perforated** plates
- perforated** shells
- perforating**
- perforation**
- performance**
- aircraft **performance**
- astronaut **performance**
- computer systems **performance**
- flight **performance**  
*use* flight characteristics
- helicopter **performance**
- human **performance**
- mental **performance**
- operator **performance**
- pilot **performance**
- propulsion system **performance**
- psychomotor **performance**
- sensorimotor **performance**
- spacecraft **performance**
- performance** prediction
- performance** tests
- perfusion**  
*use* diffusion
- periclase**
- peridotite**
- perigee**-apogee satellites  
*use* PAS
- perigees**
- perihelions**
- perilunes**
- Cambrian **Period**
- Cretaceous **Period**
- Precambrian **period**
- pre-Imbrian **period**
- Quaternary **period**
- refractory **period**
- Tertiary **Period**
- period** doubling
- period** equations  
*use* periodic functions
- long **period** variables  
*use* Mira variables
- log **periodic** antennas
- periodic** functions
- periodic** orbits  
*use* orbits
- periodic** processes  
*use* cycles
- periodic** variations
- periodicals**
- periodicity**  
*use* periodic variations
- periodicity** (biology)  
*use* rhythm (biology)
- peripheral** circulation
- peripheral** equipment (computers)
- peripheral** jet flow
- peripheral** nervous system
- peripheral** vision
- peripheries**  
*use* boundaries
- periscopes**
- peritoneum**
- permafrost**
- Permalloys** (trademark)
- permanent** magnets
- permanganates**
- permeability**
- dielectric **permeability**
- magnetic **permeability**
- permeating**
- gel **permeation** chromatography  
*use* gel chromatography
- permissivity**
- permittivity**
- permutations**
- Fabry- **Perot** interferometers
- Fabry- **Perot** lasers  
*use* lasers
- Fabry- **Perot** spectrometers
- perovskites**
- hydrogen **peroxide**
- peroxides**
- inorganic **peroxides**
- organic **peroxides**
- potassium **peroxides**
- sodium **peroxides**
- Perseid** meteoroids
- Pershing** missile
- Persian** Gulf
- personal** computers
- IBM **personal** computers
- Macintosh **personal** computers
- personality**
- personality** tests
- personnel**
- air traffic controllers **(personnel)**
- enemy **personnel**
- flying **personnel**
- medical **personnel**
- military **personnel**
- operators **(personnel)**
- pilots **(personnel)**
- personnel** development
- personnel** management
- personnel** propulsion systems  
*use* self maneuvering units

- personnel** selection  
**personnel** subsystems  
**Perspex** (trademark)  
**perspiration**  
**PERT**  
**perturbation**  
lunar **perturbation**  
*use* lunar effects  
orbit **perturbation**  
plasma **perturbation**  
*use* plasma oscillations  
satellite **perturbation**  
secular **perturbation**  
*use* long term effects  
small **perturbation** flow  
**perturbation** theory  
**Peru**  
**perveance**  
**pesticides**  
**petals**  
**petechia**  
**PETN**  
**Petrel** sounding rocket  
**Petri** nets  
**petrogenesis**  
**petrogeny**  
*use* petrogenesis  
**petrography**  
**petroleum**  
*use* crude oil  
**petroleum** products  
**petrology**  
veins **(petrology)**  
**Pfaff** equation  
**PFM** (modulation)  
*use* pulse frequency modulation  
**pH**  
**pH** factor  
**Phaethon** (hypothetical planet)  
*use* hypothetical planets  
**phantastrons**  
**Phantom** aircraft  
*use* F-4 aircraft  
**pharmacology**  
**pharynx**  
**phase** angle  
*use* phase shift  
**phase** change materials  
**phase** coherence  
**phase** conjugation  
**phase** contrast  
**phase** control  
**phase** demodulators  
**phase** detectors  
**phase** deviation  
**phase** diagrams  
liquid **phase** epitaxy  
vapor **phase** epitaxy  
**phase** error  
one- **phase** flow  
*use* single-phase flow  
single- **phase** flow  
two **phase** flow  
**phase** lock demodulators  
**phase** locked systems  
vapor **phase** lubrication  
**phase** matching  
**phase** modulation  
**phase** response  
*use* frequency response  
phase shift  
**phase** rule  
**phase** separation (materials)  
**phase** shift  
**phase** shift circuits  
**(phase** shift circuits)  
**phase** shift keying  
binary **phase** shift keying  
quadrature **phase** shift keying
- liquid **phase** sintering  
**phase-space** integral  
**phase** stability (materials)  
**phase** switching interferometers  
two **phase** systems  
*use* binary systems (materials)  
**phase** transformations  
**phase** velocity  
**phased** arrays  
**phases**  
gas **phases**  
*use* vapor phases  
Laves **phases**  
liquid **phases**  
lunar **phases**  
solid **phases**  
vapor **phases**  
**phenacetin**  
*use* acetanilide  
**phenanthrene**  
**phenobarbital**  
**phenol** formaldehyde  
carbon- **phenolic** composites  
**phenolic** epoxy resins  
**phenolic** resins  
**phenology**  
**phenols**  
medical **phenomena**  
mesoscale **phenomena**  
Onsager **phenomenological** coefficient  
**phenomenology**  
chorus **phenomenon**  
*use* dawn chorus  
chorus (dawn **phenomenon**)  
*use* dawn chorus  
Gibbs **phenomenon**  
Leidenfrost **phenomenon**  
**phenothiazines**  
**phenotype**  
**phenylalanine**  
**phenyls**  
**Philco** 2000 computer  
**Philippines**  
**Philips** ionization gages  
Dining **Philosophers** Problem  
**philosophy**  
**phloroglucinol**  
**phobias**  
**Phobos**  
**Phobos** spacecraft  
**Phoebe**  
**Phoebus** nuclear reactor  
**Phoenix** (AZ)  
**Phoenix** Mars Lander  
**Phoenix** quadrangle (AZ)  
**Phoenix** sounding rocket  
**phonemes**  
**phonemics**  
**phonetics**  
**phonoarteriography**  
**phonocardiograms**  
*use* phonocardiography  
**phonocardiography**  
**phonon** beams  
electron **phonon** interactions  
**phonons**  
**phoria**  
**phosgene**  
**phosphatases**  
**phosphates**  
ammonium **phosphates**  
calcium **phosphates**  
indium **phosphates**  
potassium **phosphates**  
**phosphazene**  
**phosphene**  
**phosphides**  
boron **phosphides**  
gallium **phosphides**

## phosphides

indium	<b>phosphides</b>	<b>photoemitters</b>
manganese	<b>phosphides</b>	<i>use</i> photoelectric materials
	<b>phosphines</b>	<b>photoengraving</b>
diethyl hydrogen	<b>phosphite</b> (DEHP)	<b>photoexcitation</b>
	<b>phosphonitriles</b>	<b>photogeology</b>
	<b>phosphonium</b> compounds	<b>photogoniometers</b>
	<b>phosphorescence</b>	<b>photogrammetry</b>
	<b>phosphoric</b> acid	<b>photograph</b> interpretation
	<b>phosphoric</b> acid fuel cells	<i>use</i> photointerpretation
	<b>phosphors</b>	<b>photographic</b> developers
	<b>phosphorus</b>	<b>photographic</b> emulsions
	<b>phosphorus</b> 32	<b>photographic</b> equipment
	<b>phosphorus</b> compounds	<b>photographic</b> film
organic	<b>phosphorus</b> compounds	<b>photographic</b> measurement
	<b>phosphorus</b> isotopes	<b>photographic</b> plates
	<b>phosphorus</b> metabolism	<b>photographic</b> processing
	<b>phosphorus</b> oxides	<b>photographic</b> processing equipment
	<b>phosphorus</b> polymers	<b>photographic</b> recording
	<b>phosphorylation</b>	<b>photographic</b> rectifiers
	<b>photics</b>	<b>photographic</b> tracking
	<b>photo</b> reconnaissance spacecraft	<b>photographs</b>
	<b>photoabsorption</b>	cloud <b>photographs</b>
	<b>photoacoustic</b> microscopy	lunar <b>photographs</b>
	<b>photoacoustic</b> spectroscopy	Mars <b>photographs</b>
	<b>photocathodes</b>	<b>photography</b>
	<b>photocells</b>	aerial <b>photography</b>
	<i>use</i> photoelectric cells	all sky <b>photography</b>
	<b>photochemical</b> oxidants	astronomical <b>photography</b>
	<b>photochemical</b> reactions	black and white <b>photography</b>
	<b>photochemistry</b>	cloud <b>photography</b>
	<i>use</i> photochemical reactions	color <b>photography</b>
	<b>photochromism</b>	color infrared <b>photography</b>
	<b>photoclinometry</b>	developers <b>(photography)</b>
	<i>use</i> photogrammetry	<i>use</i> photographic developers
	<b>photoconductive</b> cells	electron <b>photography</b>
	<b>photoconductivity</b>	electronic <b>photography</b>
	<b>photoconductors</b>	<i>use</i> electro-optical photography
	<b>photocurrents</b>	electro-optical <b>photography</b>
	<i>use</i> electric current	frame <b>photography</b>
	photoelectric emission	high speed <b>photography</b>
	<b>photodecomposition</b>	infrared <b>photography</b>
	<b>photodetachment</b>	lunar <b>photography</b>
	<b>photodetectors</b>	metric <b>photography</b>
	<i>use</i> photometers	microwave <b>photography</b>
quantum well infrared	<b>photodetectors</b>	multispectral <b>photography</b>
	<b>photodiodes</b>	radar <b>photography</b>
	<b>photodissociation</b>	rocket-borne <b>photography</b>
	<b>photoelastic</b> analysis	satellite-borne <b>photography</b>
	<b>photoelastic</b> materials	Schlieren <b>photography</b>
	<b>photoelastic</b> stress measurement	shadowgraph <b>photography</b>
	<i>use</i> photoelastic analysis	space <b>photography</b>
	<b>photoelasticity</b>	<i>use</i> spaceborne photography
	<b>photoelectric</b> cathodes	spaceborne <b>photography</b>
	<i>use</i> photocathodes	spark shadowgraph <b>photography</b>
	<b>photoelectric</b> cells	<i>use</i> shadowgraph photography
	<b>photoelectric</b> effect	stereoscopic <b>photography</b>
	<b>photoelectric</b> emission	<i>use</i> stereophotography
	<b>photoelectric</b> generators	streak <b>photography</b>
	<b>photoelectric</b> materials	time lapse <b>photography</b>
	<b>photoelectric</b> photometers	<i>use</i> chronophotography
	<i>use</i> electrophotometers	ultraviolet <b>photography</b>
	<b>photoelectricity</b>	underwater <b>photography</b>
	<b>photoelectrochemical</b> devices	<b>photoionization</b>
	<b>photoelectrochemistry</b>	<b>photolithography</b>
	<b>photoelectromagnetic</b> detectors	<b>photoluminescence</b>
	<i>use</i> photoelectromagnetic effects	<b>photoluminescent</b> bands
	radiation measuring instruments	<b>photolysis</b>
	<b>photoelectromagnetic</b> effects	<b>photomagnetic</b> effects
	<b>photoelectron</b> spectroscopy	<b>photomapping</b>
	<b>photoelectronics</b>	<b>photomaps</b>
	<i>use</i> electronics	<b>photomasks</b>
	photoelectricity	<b>photomechanical</b> effect
	<b>photoelectrons</b>	<b>photometers</b>
	<b>photoemission</b>	<b>photometers</b>
	<i>use</i> photoelectric emission	<i>use</i> electrophotometers
	<b>photoemissivity</b>	<b>photometry</b>
	<i>use</i> emissivity	astronomical <b>photometry</b>
	photoelectric emission	infrared <b>photometry</b>

ultraviolet	<b>photometry</b>	<b>physical</b> constants testing reactor
visual	<b>photometry</b>	<i>use</i> nuclear research and test reactors
	<b>photomicrographs</b>	water cooled reactors
	<b>photomicrography</b>	<b>physical</b> endurance
frequency modulation	<b>photomultiplier</b> tubes	<i>use</i> physical fitness
	<b>photomultipliers</b>	<b>physical</b> examinations
	<b>photon</b> absorptiometry	<b>physical</b> exercise
	<b>photon</b> beams	<b>physical</b> factors
electron	<b>photon</b> cascades	<b>physical</b> fitness
two	<b>photon</b> coherent states	<b>physical</b> optics
	<i>use</i> squeezed states (quantum theory)	<b>physical</b> properties
	<b>photon</b> density	<b>physical</b> sciences
	<b>photon</b> -electron interaction	<b>physical</b> work
	<b>photoneutrons</b>	<b>physicians</b>
	<b>photonic</b> propulsion	<b>physics</b>
	<b>photonic</b> switching	<b>(physics)</b>
	<i>use</i> optical switching	acceleration
	<b>photonics</b>	atmospheric
	<b>photons</b>	atomic
	<b>photonuclear</b> reactions	branching
	<b>photooxidation</b>	<b>(physics)</b>
	<b>photopeak</b>	chain reactions (nuclear)
	<b>photoperiod</b>	charm (particle)
	<b>photophilic</b> plants	cloud
	<b>photophoresis</b>	color (particle)
	<b>photoplasticity</b>	<b>(physics)</b>
	<b>photopolymers</b>	<i>use</i> quantum chromodynamics
	<b>photoproduction</b>	combustion
	<b>photoreceptors</b>	condensed matter
	<b>photoreconnaissance</b>	electron runaway (plasma)
	<b>photoreduction</b>	field theory
	<i>use</i> photochemical reactions	filaments (solar)
	<b>photorefractivity</b>	<b>(physics)</b>
	<b>photoresistivity</b>	<i>use</i> solar prominences
	<i>use</i> photoconductivity	flavor (particle)
	<b>photoresistors</b>	health
	<i>use</i> photoconductors	<b>physics</b>
	<b>photoresists</b>	low temperature
	<b>photosensitivity</b>	<b>(physics)</b>
	<b>photosensors</b>	magnetomechanics
	<i>use</i> photoelectricity	matter
	radiation measuring instruments	<b>(physics)</b>
	<b>photosphere</b>	mechanics
	<b>photostresses</b>	molecular
	<b>photosynthesis</b>	neutron
	<b>photosynthetically</b> active radiation	nuclear
	<b>photothermal</b> conversion	nuclei (nuclear)
	<b>photothermal</b> deflection spectroscopy	plasma
	<b>photothermotropism</b>	plasmas
	<i>use</i> anisotropy	polymer
	phototropism	<b>physics</b>
	temperature effects	Q values (nuclear)
	<b>phototransistors</b>	quenching (atomic)
	<b>phototropism</b>	radio
	<b>phototubes</b>	reactor
multiplier	<b>phototubes</b>	reentry
	<i>use</i> photomultiplier tubes	rigid rotors (plasma)
	<b>photoviscoelasticity</b>	selection rules (nuclear)
	<b>photovoltages</b>	solar
	<b>photovoltaic</b> cells	solid state
	<b>photovoltaic</b> conversion	sprites (atmospheric)
	<b>photovoltaic</b> effect	standard model (particle)
	<b>phreatophytes</b>	stellar
	<b>phthalates</b>	<b>physics</b>
	<b>phthalimides</b>	<b>physics</b>
	<b>phthalocyanin</b>	<b>Physics</b> and Chemistry Experiment in Space
	<b>phugoid</b> oscillations	Earth & Ocean
	<i>use</i> oscillations	Atmospheric Cloud
	pitch (inclination)	Health
	<b>phylloquinone</b>	<b>Physics</b> Research Reactor
	<b>physical</b> chemistry	<b>physiochemistry</b>
EAM	<b>(physical</b> chemistry)	<b>physiography</b>
	<i>use</i> embedded atom method	<i>use</i> geomorphology
MEAM	<b>(physical</b> chemistry)	<b>physiologic</b> availability
	<i>use</i> embedded atom method	<i>use</i> bioavailability
		<b>physiological</b> acceleration
		<b>physiological</b> defenses
		<b>physiological</b> effects
		<b>physiological</b> factors
		<b>physiological</b> responses
		<b>physiological</b> telemetry
		<i>use</i> biotelemetry
		<b>physiological</b> tests
		<b>physiology</b>
		<b>(physiology)</b>
		acceleration stresses
		bends
		<b>(physiology)</b>
		<i>use</i> decompression sickness

(physiology)

blackout **(physiology)**  
 cell **physiology**  
*use* cytology  
 exercise **physiology**  
 gravitational **physiology**  
 HUT **(physiology)**  
*use* head up tilt  
 plant **physiology**  
 receptors **(physiology)**  
 regeneration **(physiology)**  
 relaxation **(physiology)**  
 respiratory **physiology**  
 shock **(physiology)**  
 stress **(physiology)**  
 tolerances **(physiology)**  
 underwater **physiology**  
**phytochrome**  
**phytoplankton**  
**phytotrons**  
 pi-electrons  
**Piaggio** aircraft  
**Piaggio-Douglas PD-808** aircraft  
*use* PD-808 aircraft  
**Piaggio P-166** aircraft  
*use* P-166 aircraft  
**Piasecki** aircraft  
**pickling** (metallurgy)  
**pickoffs**  
*use* sensors  
**pickups**  
*use* sensors  
**picosecond** pulses  
**picrates**  
 ammonium **picrates**  
**picture** elements  
*use* pixels  
 APT **(picture** transmission)  
*use* automatic picture transmission  
 automatic **picture** transmission  
**picture** tubes  
 motion **pictures**  
**PIDV** (velocimetry)  
*use* particle image velocimetry  
 Central **Piedmont** (US)  
**piedmonts**  
**piercing**  
**piers**  
*use* wharves  
**piezoactuators**  
*use* piezoelectric actuators  
**piezoelectric** actuators  
**piezoelectric** ceramics  
**piezoelectric** crystals  
**piezoelectric** gages  
**piezoelectric** motors  
**piezoelectric** transducers  
**piezoelectricity**  
**piezometers**  
**piezomotors**  
*use* piezoelectric motors  
**piezoresistive** transducers  
**pigeons**  
**piggyback** systems  
**pigments**  
 visual **pigments**  
 guinea **pigs**  
**pigs** (swine)  
*use* swine  
**Pike's Peak** (CO)  
**pile** foundations  
**piles**  
**pilocarpine**  
 automated **pilot** advisory system  
**pilot** error  
**pilot** induced oscillation  
**pilot** landing aid television system  
*use* PLAT system  
**pilot** opinion ratings  
*use* pilot ratings

**pilot** performance  
**pilot** plants  
**pilot** ratings  
**pilot** selection  
**pilot** support systems  
**pilot** training  
**Pilot's** Associate  
*use* pilot support systems  
**piloted** centrifuges  
*use* human centrifuges  
 remotely **piloted** vehicles  
**pilotless** aircraft  
**pilots**  
 aircraft **pilots**  
 automatic **pilots**  
 jet **pilots**  
*use* aircraft pilots  
 test **pilots**  
**pilots** (personnel)  
 plasma **pinch**  
 reverse field **pinch**  
 screw **pinch**  
 theta **pinch**  
 zeta **pinch**  
**pinch** effect  
**pineal** gland  
**pinhole** cameras  
**Pinhole** Occulter Facility  
**pinholes**  
**pinnacles**  
*use* peaks (landforms)  
**pinning**  
 flux **pinning**  
**pins**  
**pintles**  
**pion** beams  
**Pioneer** 1 space probe  
**Pioneer** 2 space probe  
**Pioneer** 3 space probe  
**Pioneer** 4 lunar probe  
*use* Pioneer 4 space probe  
**Pioneer** 4 space probe  
**Pioneer** 5 space probe  
**Pioneer** 6 space probe  
**Pioneer** 7 space probe  
**Pioneer** 8 space probe  
**Pioneer** 9 space probe  
**Pioneer** 10 space probe  
**Pioneer** 11 space probe  
**Pioneer** 12 space probe  
*use* Pioneer Venus spacecraft  
**Pioneer** F space probe  
*use* Pioneer 10 space probe  
**Pioneer** G space probe  
*use* Pioneer 11 space probe  
**Pioneer** project  
**Pioneer** Saturn spacecraft  
*use* Pioneer 11 space probe  
**Pioneer** space probes  
**Pioneer** Venus 1 spacecraft  
**Pioneer** Venus 2 entry probes  
**Pioneer** Venus 2 Multiprobe spacecraft  
*use* Pioneer Venus 2 spacecraft  
**Pioneer** Venus 2 night probe  
**Pioneer** Venus 2 sounder probe  
**Pioneer** Venus 2 spacecraft  
**Pioneer** Venus 2 transporter bus  
**Pioneer** Venus Orbiter  
*use* Pioneer Venus 1 spacecraft  
**Pioneer** Venus spacecraft  
**pions**  
**pipe** flow  
**pipe** nozzles  
**pipelines**  
**pipelining** (computers)  
**Piper** aircraft  
**piperidine**  
 gas **pipes**  
 heat **pipes**

- pipes** (tubes)
- pipettes**
- air **piracy**
- Pirani** gages
- piston** engines
- free- **piston** engines
- piston** theory
- pistons**
- magnetic **pistons**
- PIT** (rocket engines)
  - use* pulsed inductive thrusters
- pitch**
- damping in **pitch**
  - use* damping
  - pitch (inclination)
- pitch** angles
  - use* pitch (inclination)
- pitch** attitude control
  - use* longitudinal control
- pitch** (inclination)
- pitch** (material)
- variable **pitch** propellers
- pitching** moments
- pitot** tubes
- pits**
- pits** (excavations)
- pitting**
- pituitary** gland
- pituitary** hormones
- PIV** (velocimetry)
  - use* particle image velocimetry
- pivoted** wing aircraft
  - use* tilt wing aircraft
- pivots**
- PIX**
  - use* plasma interaction experiment
- pixels**
- PL** /1
- plages** (faculae)
  - use* faculae
- plagioclase**
- plains**
- coastal **plains**
- flood **plains**
- Great **Plains** Corridor (North America)
- payload integration **plan**
  - plan** position indicators
- planar** structures
- Fokker- **Planck** equation
- Plancks** constant
- H-2 orbiting **plane**
  - use* HOPE aerospace plane
- H-II orbiting **plane**
  - use* HOPE aerospace plane
- HOPE aerospace **plane**
- Small Water **Plane** Area Twin Hull
  - use* SWATH (ship)
- focal **plane** arrays
  - use* focal plane devices
- focal **plane** devices
- National Aerospace **Plane** Program
  - plane** strain
  - plane** stress
  - plane** waves
- aerospace **planes**
- half **planes**
- rocket **planes**
- tail **planes**
  - use* horizontal tail surfaces
- Earth **(planet)**
- Jupiter **(planet)**
- Mars **(planet)**
- Mercury **(planet)**
- Neptune **(planet)**
- Phaethon (hypothetical **planet**)
  - use* hypothetical planets
- Pluto **(planet)**
- Saturn **(planet)**
- Uranus **(planet)**
- Venus **(planet)**
- Minor **Planet** 1221
  - use* Amor asteroid
- Minor **Planet** 2060
  - use* Chiron
- Planet-B** spacecraft
  - use* Nozomi Mars Orbiter
- planet** detection
- extrasolar **planet** detection
  - use* planet detection
- Mission to **Planet** Earth
  - planet** ephemerides
- outer **planet** missions
  - use* Grand Tours
- planet** origins
  - use* planetary evolution
- outer **planet** spacecraft
  - use* outer planets explorers
- Thermoelectric Outer **Planet** Spacecraft
  - use* TOPS (spacecraft)
- planet X**
  - use* hypothetical planets
- planetariums**
- planetary** aerial vehicles
- planetary** aircraft
  - use* planetary aerial vehicles
- planetary** atmospheres
- planetary** bases
- planetary** boundary layer
- planetary** composition
- planetary** cores
- planetary** craters
- planetary** crusts
- planetary** cryospheres
- planetary** entry
  - use* atmospheric entry
- planetary** environments
- planetary** evolution
- planetary** exploration
  - use* space exploration
- planetary** explorer
  - use* outer planets explorers
- planetary** geology
- planetary** gravitation
- solar **planetary** interactions
- planetary** ionospheres
- planetary** landing
- planetary** limb
- planetary** magnetic fields
- planetary** magnetospheres
- planetary** magnetotails
- planetary** mantles
- planetary** mapping
- planetary** mass
- planetary** meteorology
- planetary** motion
  - use* solar orbits
- planetary** nebulae
- planetary** oceans
  - use* extraterrestrial oceans
- planetary** orbits
- planetary** protection
- planetary** quakes
- planetary** quarantine
- planetary** radiation
- planetary** rings
- planetary** rotation
- planetary** satellites
  - use* natural satellites
- planetary** space flight
  - use* interplanetary flight
- planetary** spacecraft
  - use* interplanetary spacecraft
- planetary** structure
- Earth **planetary** structure
- planetary** surfaces
- planetary** systems
- planetary** temperature
- planetary** waves

	<b>planetesimals</b>		
	<i>use</i> protoplanets		
	<b>planetocentric</b> coordinates		
	<b>planetology</b>		
	<b>planets</b>		
dwarf	<b>planets</b>		
exosolar	<b>planets</b>		
	<i>use</i> extrasolar planets		
extrasolar	<b>planets</b>		
gas giant	<b>planets</b>		
hypothetical	<b>planets</b>		
minor	<b>planets</b>		
	<i>use</i> asteroids		
rogue	<b>planets</b>		
	<i>use</i> hypothetical planets		
terrestrial	<b>planets</b>		
transplutonic	<b>planets</b>		
	<i>use</i> hypothetical planets		
outer	<b>planets</b> explorers		
	<b>planforms</b>		
rectangular	<b>planforms</b>		
wing	<b>planforms</b>		
	<b>planigraphy</b>		
	<i>use</i> tomography		
	<b>planing</b>		
	<b>planispheres</b>		
	<b>plankton</b>		
	<b>plankton</b> bloom		
	<i>use</i> plankton		
	<b>planning</b>		
airport	<b>planning</b>		
management	<b>planning</b>		
mission	<b>planning</b>		
path	<b>planning</b>		
	<i>use</i> trajectory planning		
production	<b>planning</b>		
project	<b>planning</b>		
regional	<b>planning</b>		
trajectory	<b>planning</b>		
urban	<b>planning</b>		
task	<b>planning</b> (robotics)		
NASA Interactive	<b>Planning</b> System		
	<b>planotrons</b>		
	<b>plans</b>		
flight	<b>plans</b>		
Enrico Fermi atomic power	<b>plant</b>		
ML-1 nuclear power	<b>plant</b>		
	<b>plant</b> design		
	<b>plant</b> diseases		
	<b>plant</b> growth regulators		
	<b>plant</b> physiology		
	<b>plant</b> roots		
	<b>plant</b> stress		
	<b>plantar</b> tissues		
	<b>planting</b>		
aquatic	<b>plants</b>		
diatoms (unicellular)	<b>plants</b>		
	<i>use</i> algae		
electric power	<b>plants</b>		
fuel cell power	<b>plants</b>		
genetically modified	<b>plants</b>		
industrial	<b>plants</b>		
leguminous	<b>plants</b>		
nuclear power	<b>plants</b>		
photophilic	<b>plants</b>		
pilot	<b>plants</b>		
power	<b>plants</b>		
reeds	<b>(plants)</b>		
solar sea power	<b>plants</b>		
solar thermal electric power	<b>plants</b>		
thermophilic	<b>plants</b>		
trees	<b>(plants)</b>		
	<b>plants</b> (botany)		
	<b>plants</b> (industries)		
	<i>use</i> industrial plants		
argon	<b>plasma</b>		
blood	<b>plasma</b>		
cesium	<b>plasma</b>		
cosmic	<b>plasma</b>		
deuterium	<b>plasma</b>		
electron	<b>plasma</b>		
electrostatic	<b>plasma</b>		
	<i>use</i> plasmas (physics)		
helium	<b>plasma</b>		
hydrogen	<b>plasma</b>		
magnetoionic	<b>plasma</b>		
	<i>use</i> plasmas (physics)		
nitrogen	<b>plasma</b>		
oxygen	<b>plasma</b>		
	<b>plasma</b> acceleration		
Cyclops	<b>plasma</b> accelerator		
	<b>plasma</b> accelerators		
coaxial	<b>plasma</b> accelerators		
beam	<b>plasma</b> amplifiers		
	<b>plasma</b> antennas		
	<b>plasma</b> arc cutting		
	<b>plasma</b> arc spraying		
	<i>use</i> arc spraying		
	<b>plasma</b> arc welding		
	<b>plasma</b> arcs		
	<i>use</i> plasma jets		
trapped	<b>plasma</b> avalanche triggered transit		
	<i>use</i> TRAPATT devices		
	<b>plasma</b> bubbles		
	<b>plasma</b> chemistry		
	<b>plasma</b> chromatography		
	<i>use</i> ion mobility spectroscopy		
	<b>plasma</b> clouds		
	<b>plasma</b> composition		
	<b>plasma</b> compression		
	<b>plasma</b> conductivity		
	<b>plasma</b> confinement		
	<i>use</i> plasma control		
	<b>plasma</b> control		
thermal barriers	<b>(plasma</b> control)		
	<b>plasma</b> cooling		
	<b>plasma</b> core reactors		
	<b>plasma</b> currents		
	<b>plasma</b> cylinders		
	<b>plasma</b> decay		
	<b>plasma</b> density		
alpha	<b>plasma</b> devices		
	<b>plasma</b> diagnostics		
	<b>plasma</b> diffusion		
	<b>plasma</b> diodes		
	<b>plasma</b> discharges		
	<i>use</i> plasma jets		
	<b>plasma</b> dispersion		
	<i>use</i> plasma diffusion		
	<b>plasma</b> display devices		
	<b>plasma</b> drift		
	<b>plasma</b> dynamics		
	<b>plasma</b> electrodes		
	<b>plasma</b> -electromagnetic interaction		
	<b>plasma</b> engines		
two stage	<b>plasma</b> engines		
	<b>plasma</b> equilibrium		
	<b>plasma</b> etching		
	<b>plasma</b> flow		
	<i>use</i> magnetohydrodynamic flow		
	<b>plasma</b> flux measurement		
	<b>plasma</b> focus		
	<b>plasma</b> frequencies		
	<b>plasma</b> generation		
	<i>use</i> plasma generators		
	<b>plasma</b> generators		
	<b>plasma</b> guns		
	<b>plasma</b> heating		
space	<b>plasma</b> H/V interaction experiments		
	<i>use</i> SPHINX		
	<b>plasma</b> instability		
	<i>use</i> magnetohydrodynamic stability		
	<b>plasma</b> interaction experiment		
	<b>plasma</b> interactions		
laser	<b>plasma</b> interactions		
	<b>plasma</b> jet synthesis		
	<b>plasma</b> jet wind tunnels		
	<b>plasma</b> jets		

- Polar **Plasma** Laboratory  
*use* Polar/GGS spacecraft
- plasma** layers  
**plasma** lifetime  
**plasma** loss
- inductively coupled **plasma** mass spectrometry  
**plasma** oscillations  
**plasma**-particle interactions  
**plasma** perturbation  
*use* plasma oscillations  
**plasma** physics
- electron runaway (**plasma** physics)  
rigid rotors (**plasma** physics)  
**plasma** pinch  
**plasma** potentials  
**plasma** power sources  
**plasma** pressure  
**plasma** probes
- microwave **plasma** probes  
**plasma** propulsion  
**plasma** pumping  
**plasma** radiation
- solar **plasma** (radiation)  
*use* solar wind  
**plasma** renin activity  
*use* immunoassay  
**plasma** resonance  
**plasma** rings  
*use* toroidal plasmas  
**plasma** sheaths  
**plasma** slabs  
**plasma** sound waves  
*use* magnetohydrodynamic waves  
plasma waves  
**plasma** spectra  
**plasma** spraying  
**plasma** stability  
*use* magnetohydrodynamic stability  
**plasma** temperature  
**plasma** theory  
*use* plasma physics
- pulsed **plasma** thrusters  
**plasma** torches  
**plasma** turbulence  
**plasma** waves  
**plasmadynamic** lasers  
**plasmaguides**  
**plasmapause**
- boundary layer **plasmas**  
cold **plasmas**  
collisional **plasmas**  
collisionless **plasmas**  
cylindrical **plasmas**  
dense **plasmas**  
dusty **plasmas**
- electron-positron **plasmas**  
elliptical **plasmas**
- high temperature **plasmas**  
hot **plasmas**  
*use* high temperature plasmas
- ionized **plasmas**  
*use* plasmas (physics)
- laser **plasmas**
- low temperature **plasmas**  
*use* cold plasmas
- metallic **plasmas**
- nonequilibrium **plasmas**
- nonuniform **plasmas**
- rarefied **plasmas**
- relativistic **plasmas**
- rotating **plasmas**
- semiconductor **plasmas**
- space **plasmas**
- spherical **plasmas**
- strongly coupled **plasmas**
- tearing modes (**plasmas**)
- thermal **plasmas**
- toroidal **plasmas**
- uranium **plasmas**
- Origin of **Plasmas** in Earth Neighborhood  
*use* OPEN Project  
**plasmas**-in-space payload  
*use* AMPS (satellite payload)
- plasmas** (physics)  
**plasmasphere**  
**plasmatrons**  
**plasmids**  
**plasmoids**  
*use* plasmas (physics)
- plasmolysis**
- surface **plasmon** resonance  
**plasmons**  
**plasters**  
**plastic** aircraft structures  
**plastic** anisotropy  
**plastic** bodies  
**plastic** coatings  
**plastic** deformation  
**plastic** fibers  
**plastic** films  
*use* polymeric films  
**plastic** flow  
**plastic** memory  
**plastic** plates  
**plastic** propellants  
**plastic** properties  
**plastic** shells  
**plastic** tapes  
**plastic** yielding  
*use* plastic deformation
- plasticity**  
*use* plastic properties
- plasticizers**  
**plastics**  
carbon fiber reinforced **plastics**  
glass fiber reinforced **plastics**  
reinforced **plastics**  
**plastids**  
**plastisols**  
**PLAT** system
- boiler **plate**  
gold **plate**  
*use* gold coatings
- nickel **plate**  
**plate** (metal)  
*use* metal plates  
**plate** theory
- Mindlin **plate** theory  
*use* Mindlin plates
- Allegheny **Plateau** (US)  
Colorado **Plateau** (US)  
**plateaus**  
**platelets**  
**platens**  
**plates**
- anisotropic **plates**  
annular **plates**  
cantilever **plates**  
circular **plates**  
corrugated **plates**  
elastic **plates**  
end **plates**  
flat **plates**  
metal **plates**
- microchannel **plates**  
Mindlin **plates**  
multichannel **plates**  
*use* microchannel plates
- nonisotropic **plates**  
*use* anisotropic plates
- orthotropic **plates**  
parallel **plates**  
perforated **plates**  
photographic **plates**  
plastic **plates**  
porous **plates**  
rectangular **plates**  
reinforced **plates**

- Reissner-Mindlin **plates**  
*use* Mindlin plates
- thick **plates**
- thin **plates**
- scatter **plates** (optics)  
**plates** (structural members)  
**plates** (tectonics)
- Interplanetary Monitoring **Platform**  
*use* IMP
- flying **platform** stability  
*use* aerodynamic stability  
flying platforms
- platforms**
- data collection **platforms**  
flying **platforms**
- geostationary **platforms**  
*use* synchronous platforms
- inertial **platforms**
- ocean data **platforms**  
*use* ocean data acquisitions systems
- offshore **platforms**
- space **platforms**
- space station polar **platforms**
- SPAS (ESA **platforms**)  
*use* Shuttle pallet satellites
- stabilized **platforms**
- synchronous **platforms**
- polar **platforms** (space stations)  
*use* space station polar platforms
- plating**
- flame **plating**
- ion **plating**
- platinum**  
**platinum** alloys  
**platinum** black  
**platinum** compounds  
**platinum** isotopes  
**platinum** oxides
- playas**
- playbacks**
- PLC** effect  
*use* Portevin-le Chatelier effect
- Pleiades** cluster
- Pleistocene** epoch
- plenum** chambers
- plethysmography**
- pleurae**
- pleurotin**
- plexiglass** (trademark)  
*use* polymethyl methacrylate
- plies**  
*use* layers
- plots**
- plotters**
- x-y **plotters**
- plotting**
- plotting** instruments  
*use* plotters
- plowed** fields  
*use* farmlands
- plowing**
- plows**
- PLSS**  
*use* portable life support systems
- plug** nozzles
- plugging**
- plugs**
- spark **plugs**
- Plum** Brook Reactor
- plumage**
- plumbane**  
*use* lead compounds  
metal hydrides
- plumes**
- plungers**
- liquid **plus** solid zones  
*use* mushy zones
- Pluto** atmosphere
- Pluto** (planet)
- Pluto** reactors
- Pluto** satellites
- plutonium**  
**plutonium** 238  
**plutonium** 239  
**plutonium** 240  
**plutonium** 241  
**plutonium** 244  
**plutonium** alloys  
**plutonium** carbides  
*use* plutonium compounds
- plutonium** compounds
- plutonium** fluorides
- plutonium** isotopes
- plutonium** oxides
- Los Alamos Molten **Plutonium** Reactor
- plutonium** recycle test reactor
- pluviographs**  
*use* rain gages  
recording instruments
- ply** orientation
- plywood**
- FM/ **PM** (modulation)
- EOS **PM** (satellite)  
*use* Aqua spacecraft
- PML** (electromagnetism)  
*use* perfectly matched layers
- pneumatic** circuits
- pneumatic** control
- pneumatic** equipment
- pneumatic** probes
- pneumatic** reset  
*use* pneumatic control
- pneumatics**
- pneumographs**  
*use* pneumography
- pneumography**
- pneumonia**
- pneumothorax**
- pnictides**  
*use* Group 5A compounds
- Pockels** effect  
*use* birefringence
- pocket** mice
- gas **pockets**
- pods** (external stores)
- POGO**
- POGO** effects
- Pohlhausen** method
- Pohlhausen** solution  
*use* Pohlhausen method
- poikilothermia**
- Poincare** problem
- Poincare** spheres
- critical **point**
- dew **point**
- fire **point**
- flash **point**
- mirror **point**
- stagnation **point**
- yield **point**
- fixed **point** arithmetic
- floating **point** arithmetic
- point** defects
- zero **point** energy
- point** impact
- point** matching method (mathematics)  
*use* boundary value problems
- point** sources
- point** spread functions
- point** to point communication
- pointers**  
*use* dials
- pointing** control systems
- annular suspension and **pointing** system
- points**
- conjugate **points**
- freezing **points**  
*use* melting points

- inflection **points**  
 Lagrangian equilibrium **points**  
 melting **points**  
 saddle **points**  
 transition **points**  
 saddle **points** (game theory)  
**points** (mathematics)  
 fixed **points** (mathematics)  
**Poiseuille** flow  
*use* laminar flow  
**poisoning**  
 benzene **poisoning**  
 beryllium **poisoning**  
 carbon monoxide **poisoning**  
 carbon tetrachloride **poisoning**  
 hydrocarbon **poisoning**  
 lead **poisoning**  
**poisoning** (reaction inhibition)  
**poisoning** (toxicology)  
*use* toxic diseases  
**poisons**  
**Poisson** density functions  
**Poisson** equation  
**poisson** process  
*use* Poisson density functions  
 stochastic processes  
**Poisson** ratio  
**Polaire** satellite  
*use* D-2 satellites  
**Poland**  
**polar** auroras  
*use* auroras  
**polar** cap absorption  
**polar** caps  
**polar** coordinates  
**polar** cusps  
**polar** gases  
**Polar** /GGS spacecraft  
**polar** ionosphere beacon  
*use* Beacon satellites  
 Mars **Polar** Lander  
**polar** meteorology  
 International Solar **Polar** Mission  
*use* Ulysses mission  
**polar** navigation  
**Polar** Orbit Geophysical Observatory  
*use* POGO  
 National **Polar**-orbiting Operational Environmental  
 Satellite System  
*use* NPOESS  
**polar** orbits  
**Polar** Plasma Laboratory  
*use* Polar/GGS spacecraft  
 space station **polar** platforms  
**polar** platforms (space stations)  
*use* space station polar platforms  
**polar** radio blackout  
**polar** regions  
 North **Polar** Spur (astronomy)  
**polar** substorms  
**polar** wandering (geology)  
**polarimeters**  
**polarimetry**  
 astronomical **polarimetry**  
**Polaris** A1 missile  
**Polaris** A2 missile  
**Polaris** A3 missile  
**polaris** missiles  
**Polaris** submarines  
*use* guided missile submarines  
**polariscopes**  
 Senarmont **polariscopes**  
**polaritons**  
**polarity**  
**polarization**  
 circular **polarization**  
 cross **polarization**  
 dielectric **polarization**  
 electrolytic **polarization**  
 elliptical **polarization**  
 linear **polarization**  
 optical **polarization**  
**polarization** characteristics  
**polarization** (charge separation)  
**polarization** charts  
*use* graphs (charts)  
 polarization (waves)  
**polarization** modulation  
**polarization** (spin alignment)  
**polarization** (waves)  
**polarized** elastic waves  
**polarized** electromagnetic radiation  
**polarized** light  
**polarized** radiation  
 horizontally **polarized** shear waves  
*use* SH waves  
**polarizers**  
**polarographs**  
*use* polarography  
**polarography**  
**polarons**  
**poles**  
 magnetic **poles**  
 Regge **poles**  
**poles** (supports)  
**police**  
**policies**  
 energy **policy**  
 foreign **policy**  
 patent **policy**  
 procurement **policy**  
**poliomyelitis**  
**Polish** TS-11 aircraft  
*use* TS-11 aircraft  
**polished** metals  
*use* metal polishing  
**polishing**  
 electrolytic **polishing**  
*use* electropolishing  
 metal **polishing**  
 vibratory **polishing**  
**politics**  
**pollen**  
**pollutants**  
*use* contaminants  
**pollution**  
 air **pollution**  
 environment **pollution**  
 global air **pollution**  
 indoor air **pollution**  
 noise **pollution**  
 oil **pollution**  
 soil **pollution**  
 thermal **pollution**  
 water **pollution**  
**pollution** control  
**pollution** monitoring  
**pollution** transport  
**poloidal** flux  
**polonium**  
**polonium** 208  
**polonium** 209  
**polonium** 210  
**polonium** 210  
**polonium** compounds  
**polonium** isotopes  
**polyacetylene**  
**polyacrylates**  
*use* acrylic resins  
**polyacrylonitrile**  
 PAN **(polyacrylonitrile)**  
*use* polyacrylonitrile  
**polyamide** resins  
**polyatomic** gases  
**polyatomic** molecules  
**polybenzimidazole**  
**polyblends**  
*use* polymer blends  
**polybrominated** biphenyls

- polybutadiene**  
**polybutadiene** tetranitramine  
**polycarbonates**  
**polycarbosilanes**  
**polychlorinated** biphenyls  
**polycrystals**  
**polycyclic** aromatic hydrocarbons  
**polycythemia**  
**polyester** resins  
**polyesters**  
**polyether** resins  
**polyetheretherketones**  
*use* PEEK  
**polyethylene** terephthalate  
**polyethylenes**  
**polygonization**  
**polygons**  
**polyhedrons**  
graphite- **polyimide** composites  
**polyimide** resins  
**polyimides**  
**polyisobutylene**  
**polyisoprenes**  
glycidyl azide **polymer**  
**polymer** alloys  
*use* polymer blends  
**polymer** blends  
**polymer** chemistry  
**polymer** matrix composites  
**polymer** physics  
**polymerase** chain reaction  
**polymeric** films  
**polymerization**  
**polymers**  
conducting **polymers**  
coordination **polymers**  
dendritic **polymers**  
*use* dendrimers  
EAP **(polymers)**  
*use* electroactive polymers  
electroactive **polymers**  
high **polymers**  
hyperbranched **polymers**  
*use* dendrimers  
metalloxiloxane **polymers**  
*use* organometallic polymers  
metalloxane **polymers**  
*use* organometallic polymers  
nitrogen **polymers**  
organometallic **polymers**  
oxetane **polymers**  
phosphorus **polymers**  
silicon **polymers**  
vinyl **polymers**  
**polymethyl** methacrylate  
**polymorphism**  
Hermitian **polynomial**  
**polynomials**  
Jacobi **polynomials**  
*use* hypergeometric functions  
Legendre **polynomials**  
*use* Legendre functions  
**polynuclear** organic compounds  
**polynucleotides**  
**polynyas**  
**polyorganosiloxanes**  
*use* polysiloxanes  
**Polyot** satellites  
**polypeptides**  
**polyphenyl** ether  
**polyphenyls**  
**polypropylene**  
**polypyrroles**  
**polyquinoxalines**  
**polysaccharides**  
**polysilanes**  
**polysiloxanes**  
methyl **polysiloxanes**  
**polyslips**
- polystation** doppler tracking system  
**polystyrene**  
**polysulfides**  
**polytetrafluoroethylene**  
**polytopes**  
**polytropic** processes  
**polyurethane** foam  
**polyurethane** resins  
**polyvinyl** alcohol  
**polyvinyl** chloride  
**polyvinyl** fluoride  
**polyvinylidene**  
*use* vinylidene  
**polywater**  
**Pomeranchuk** theorem  
**pomerons**  
**ponderomotive** forces  
**ponds**  
solar **ponds** (heat storage)  
Lake **Pontchartrain** (LA)  
**Pontiac** (MI)  
**pontryagin** principle  
swimming **pool** reactors  
Livermore **Pool** Type Reactor  
**Population** I stars  
**Population** II stars  
**Population** III stars  
**population** inversion  
**population** theory  
**populations**  
**porcelain**  
**pores**  
*use* porosity  
**porosity**  
**porous** airfoils  
*use* porous boundary layer control  
**porous** boundary layer control  
**porous** materials  
**porous** plates  
**porous** silicon  
**porous** walls  
**porphines**  
**porphyrins**  
**porpoises**  
**portable** equipment  
**portable** life support systems  
**Portevin-le Chatelier** effect  
**ports**  
**ports** (openings)  
**Portugal**  
**Portuguese** space program  
ill- **posed** problems (mathematics)  
improperly- **posed** problems (mathematics)  
*use* ill-posed problems (mathematics)  
**Poseidon** missiles  
**Poseidon** satellite  
**position**  
prone **position**  
sitting **position**  
solar **position**  
supine **position**  
tracking **(position)**  
**position** errors  
orbital **position** estimation  
**position** indicators  
**position** indicators  
plan **position** indicators  
PPI **(position)** indicators  
*use* plan position indicators  
spacecraft **position** indicators  
**position** (location)  
pulse **position** modulation  
**position** sensing  
**position** (title)  
**positioning**  
satellite doppler **positioning**  
**positioning** devices (machinery)  
random **positioning** machines  
*use* clinostats

Global	<b>Positioning System</b>		<b>pouring</b>
	<b>positive</b> feedback		metal <b>powder</b>
	<b>positive</b> ions	sintered aluminum	<b>powder</b>
	<b>positron</b> annihilation		<b>powder</b> metallurgy
electron-	<b>positron</b> annihilation		<b>powder</b> (particles)
	<i>use</i> positron annihilation		<b>powdered</b> aluminum
electron-	<b>positron</b> pairs		<b>powdered</b> metals
electron-	<b>positron</b> plasmas		<i>use</i> metal powder
	<b>positronium</b>		<b>power</b>
	<b>positrons</b>	beamed	<b>power</b>
Advanced Airborne Command	<b>Post</b>		<i>use</i> power beaming
	<i>use</i> E-4A aircraft	electric	<b>power</b>
	<b>post-blast</b> nuclear radiation	fluid	<b>power</b>
	<b>post</b> boost propulsion system	resolving	<b>power</b>
	<b>postamplifiers</b>		<i>use</i> resolution
	<b>posterior</b> sections	stopping	<b>power</b>
	<b>postflight</b> analysis	Systems for Nuclear Auxiliary	<b>Power</b>
	<b>postlaunch</b> reports		<i>use</i> SNAP
	<b>postmission</b> analysis (spacecraft)	thermal	<b>power</b>
	<b>postulates</b>		<i>use</i> turbogenerators
	<i>use</i> axioms	thrust	<b>power</b>
	<b>posture</b>		<i>use</i> thrust
	<b>potable</b> liquids		<b>power</b> amplifiers
	<b>potable</b> water		<b>power</b> beaming
	<b>potassium</b>	laser	<b>power</b> beaming
liquid	<b>potassium</b>	microwave	<b>power</b> beaming
	<b>potassium</b> 38		<b>power</b> conditioning
	<b>potassium</b> 39	electric	<b>power</b> conversion
	<b>potassium</b> 40		<i>use</i> electric generators
	<b>potassium</b> alloys		<b>power</b> converters
	<b>potassium</b> bromides		<b>power</b> density (electromagnetic)
	<b>potassium</b> channels (biology)		<i>use</i> radiant flux density
	<i>use</i> ion channels (biology)		<b>power</b> efficiency
	<b>potassium</b> chlorides	Hallam Nuclear	<b>Power</b> Facility
	<b>potassium</b> chromates	HNPf (Hallam Nuclear	<b>Power</b> Facility)
	<b>potassium</b> compounds		<i>use</i> Hallam Nuclear Power Facility
	<b>potassium</b> hydrides		<b>power</b> factor controllers
	<b>potassium</b> hydroxides		<b>power</b> gain
	<b>potassium</b> iodides	combined cycle	<b>power</b> generation
	<b>potassium</b> isotopes	nuclear	<b>power</b> generation
	<b>potassium</b> nitrates		<i>use</i> nuclear electric power generation
	<b>potassium</b> oxides	nuclear electric	<b>power</b> generation
	<b>potassium</b> perchlorates	solar	<b>power</b> generation
	<b>potassium</b> peroxides		<i>use</i> solar generators
	<b>potassium</b> phosphates	thermionic	<b>power</b> generation
	<b>potassium</b> silicates	thermoelectric	<b>power</b> generation
	<b>potatoes</b>	thermonuclear	<b>power</b> generation
	<b>potential</b>		<b>power</b> generators
bioelectric	<b>potential</b>		<i>use</i> electric generators
Coulomb	<b>potential</b>	direct	<b>power</b> generators
electric	<b>potential</b>	Information	<b>Power</b> Grid
gravitational	<b>potential</b>		<i>use</i> grid computing (computer networks)
	<i>use</i> gravitational fields	IPG (NASA Information	<b>Power</b> Grid)
Klein-Dunham	<b>potential</b>		<i>use</i> grid computing (computer networks)
Lennard-Jones	<b>potential</b>		
Lienard	<b>potential</b>	high	<b>power</b> lasers
Morse	<b>potential</b>		<b>power</b> law bodies
nuclear	<b>potential</b>		<b>power</b> limited spacecraft
nucleon	<b>potential</b>		<b>power</b> limiters
Yukawa	<b>potential</b>		<b>power</b> lines
	<b>potential</b> energy		<b>power</b> loss
	<b>potential</b> fields		<b>power</b> modules (STS)
	<b>potential</b> flow	Enrico Fermi atomic	<b>power</b> plant
	<b>potential</b> gradients	ML-1 nuclear	<b>power</b> plant
	<b>potential</b> theory		<b>power</b> plants
contact	<b>potentials</b>	electric	<b>power</b> plants
ionization	<b>potentials</b>	fuel cell	<b>power</b> plants
myoelectric	<b>potentials</b>	nuclear	<b>power</b> plants
plasma	<b>potentials</b>	solar sea	<b>power</b> plants
spike	<b>potentials</b>	solar thermal electric	<b>power</b> plants
	<b>potentiometers</b>		<b>power</b> processing systems
	<b>potentiometers</b> (instruments)		<i>use</i> power conditioning
	<b>potentiometers</b> (resistors)	zero	<b>power</b> reactor 2
	<b>potentiometric</b> analysis	zero	<b>power</b> reactor 3
	<b>potentiometry</b>	zero	<b>power</b> reactor 6
	<i>use</i> potentiometric analysis	zero	<b>power</b> reactor 9
	<b>Potez</b> aircraft		<b>power</b> reactors
	<b>Potomac</b> River Valley (MD-VA-WV)	nuclear	<b>power</b> reactors
	<b>potting</b> compounds		

space **power** reactors  
 zero **power** reactors  
 solar **power** satellites  
     **power** series  
 aircraft **power** sources  
     *use* aircraft engines  
 auxiliary **power** sources  
 plasma **power** sources  
     solar **power** sources  
         *use* solar generators  
     **power** spectra  
 hydroelectric **power** stations  
 satellite solar **power** stations  
     **power** supplies  
         aircraft **power** supplies  
         electric **power** supplies  
 space station **power** supplies  
 spacecraft **power** supplies  
     **power** supply circuits  
 solar dynamic **power** systems  
     **power** transmission  
         electric **power** transmission  
         **power** transmission (lasers)  
             *use* laser power beaming  
         **power** transmission (microwave)  
             *use* microwave power beaming  
         satellite **power** transmission  
 superconducting **power** transmission  
 space **power** unit reactors  
 chemical auxiliary **power** units  
 nuclear auxiliary **power** units  
 solar auxiliary **power** units  
     man **powered** aircraft  
     solar **powered** aircraft  
     tide **powered** generators  
         **powered** lift aircraft  
         **powered** machines  
 waterwave **powered** machines  
     **powered** models  
     nuclear **powered** ships  
 roadway **powered** vehicles  
 Poynting-Robertson effect  
 Poynting theorem  
 PPI (position indicators)  
     *use* plan position indicators  
 PPM (modulation)  
     *use* pulse position modulation  
 PPT (rocket engines)  
     *use* pulsed plasma thrusters  
 PPY  
     *use* polypyrroles  
 international **practical** temperature  
     *use* temperature scales  
**practices**  
     *use* procedures  
**Praesepe** star clusters  
**praetersonic** devices  
**prairies**  
     *use* grasslands  
**Prandtl-Meyer** expansion  
**Prandtl** number  
**praseodymium**  
**praseodymium** 144  
     *use* praseodymium isotopes  
**praseodymium** compounds  
**praseodymium** isotopes  
**pre-Imbrian** period  
**pre-main** sequence stars  
**preamplifiers**  
**preburners**  
**Precambrian** period  
**precautions**  
     *use* accident prevention  
**precession**  
 Larmor **precession**  
 proton **precession**  
 vortex **precession**  
**precious** metals  
     *use* noble metals  
**precipitates**  
**precipitation**  
     electron  
     particle **precipitation**  
     proton **precipitation**  
         **precipitation** (chemistry)  
         **precipitation** hardening  
         dispersion **precipitation** hardening  
             *use* precipitation hardening  
         **precipitation** measurement  
         **precipitation** (meteorology)  
         **precipitation** particle measurement  
**precipitators**  
     electrostatic **precipitators**  
     **precision**  
         geometric dilution of  
             double **precision**  
             **precision** arithmetic  
             **precision** guided projectiles  
**preconditioning**  
**precooling**  
**predators**  
**predicate** calculus  
**predicate** logic  
 aircraft noise **prediction**  
     *use* noise prediction (aircraft)  
 ARIP (impact **prediction**)  
     *use* computerized simulation  
     impact prediction  
     impact **prediction**  
     IP (impact **prediction**)  
         *use* computerized simulation  
     linear **prediction**  
     noise **prediction**  
     performance **prediction**  
     Roshko **prediction**  
     noise **prediction** (aircraft)  
     **prediction** analysis techniques  
     **prediction** recording  
     **predictions**  
     flood **predictions**  
     **predictor-corrector** methods  
**predictors**  
     *use* predictions  
 automatic rocket impact **predictors**  
     *use* computerized simulation  
     impact prediction  
**preempting**  
**prefiring** tests  
 crew procedures (preflight)  
**preflight** analysis  
**preflight** operations  
**prefocusing**  
**preforms**  
**pregnancy**  
**preheaters**  
     *use* heating equipment  
**preheating**  
     *use* heating  
**preimpregnation**  
**prejudices**  
**prelaunch** problems  
**prelaunch** summaries  
**prelaunch** tests  
 spacecraft **prelaunch** tests  
     *use* space vehicle checkout program  
**preloading**  
     *use* prestressing  
**premature** operation  
**premixed** flames  
**premixing**  
**preparation**  
**prepolymers**  
**prepregs**  
**preprocessing**  
**presbyopia**  
**preselectors**  
     *use* preamplifiers  
**presentation**  
**preservatives**

**preserving**  
**Presidential** reports  
**presintering**  
*use* sintering  
**presses**  
rams **(presses)**  
**pressing**  
cold **pressing**  
hot **pressing**  
hot isostatic **pressing**  
**pressing** (forming)  
**pressoreceptor** reflexes  
*use* baroreflexes  
**pressoreceptors**  
*use* baroreceptors  
**pressors**  
*use* vasoconstrictor drugs  
**pressure**  
atmospheric **pressure**  
barometric **pressure**  
*use* atmospheric pressure  
base **pressure**  
blood **pressure**  
center of **pressure**  
critical **pressure**  
diastolic **pressure**  
differential **pressure**  
dynamic **pressure**  
electron **pressure**  
fluid **pressure**  
gas **pressure**  
head **(pressure)**  
*use* pressure heads  
high **pressure**  
high altitude **pressure**  
hydrostatic **pressure**  
inlet **pressure**  
internal **pressure**  
intracranial **pressure**  
intraocular **pressure**  
isobars **(pressure)**  
isostatic **pressure**  
light **pressure**  
*use* illuminance  
low **pressure**  
lower body negative **pressure**  
middle ear **pressure**  
osmotic **pressure**  
*use* osmosis  
partial **pressure**  
plasma **pressure**  
radiation **pressure**  
sound **pressure**  
stagnation **pressure**  
static **pressure**  
surface **pressure**  
*use* pressure  
systolic **pressure**  
thrust chamber **pressure**  
transition **pressure**  
vapor **pressure**  
wall **pressure**  
water **pressure**  
wind **pressure**  
**pressure** breathing  
**pressure** broadening  
**pressure** cabins  
*use* pressurized cabins  
**pressure** chambers  
low **pressure** chambers  
*use* vacuum chambers  
**pressure** dependence  
**pressure** distribution  
**pressure** drag  
**pressure** drop  
friction **pressure** drop  
*use* skin friction  
**pressure** effects  
**pressure** fields  
*use* pressure distribution  
**pressure** gages  
bombs **(pressure gages)**  
*use* pressure gages  
**pressure** gradients  
**pressure** heads  
**pressure** ice  
Newton **pressure** law  
**pressure** measurement  
**pressure** modulator radiometers  
**pressure** oscillations  
high **pressure** oxygen  
**pressure** probes  
*use* pressure sensors  
**pressure** pulses  
**pressure** ratio  
**pressure** recorders  
**pressure** recovery  
**pressure** reduction  
**pressure** regulators  
**pressure** ridges  
*use* pressure ice  
**pressure** sensitive paints  
**pressure** sensors  
**pressure** suits  
**pressure** switches  
ear **pressure** test  
**pressure** transducers  
*use* pressure sensors  
**pressure** vessel design  
**pressure** vessels  
**pressure** waves  
*use* elastic waves  
**pressure** welding  
impact **pressures**  
*use* impact loads  
supercritical **pressures**  
transient **pressures**  
fuel tank **pressurization**  
**pressurized** cabins  
**pressurized** water reactors  
**pressurizing**  
Preston tubes  
*use* pitot tubes  
speed indicators  
**prestraining**  
*use* prestressing  
**prestressing**  
**pretests**  
*use* tests  
**pretreatment**  
**pretwisting**  
*use* prestressing  
twisting  
**prevaporization**  
**prevention**  
accident **prevention**  
blackout **prevention**  
corrosion **prevention**  
fire **prevention**  
ice **prevention**  
**preventive** maintenance  
**prewhirling**  
**prewhitening**  
Pribram meteorite  
heavy cosmic ray **primaries**  
*use* heavy nuclei  
primary cosmic rays  
**primary** batteries  
**primary** cosmic rays  
**primates**  
NOAA-N **Prime** Environmental Satellite  
*use* NOAA 19 satellite  
**primers**  
engine **primers**  
**primers** (coatings)  
**primers** (explosives)  
**priming**

- primitive Earth atmosphere
- primitive equations
- primordial galaxies
  - use protogalaxies
- primordial stars
  - use Population III stars
- Prince Edward Island
- Prince William Sound (AK)
- Princeton sailwings
  - use sailwings
- principal components analysis
- principle
  - Bernstein energy
  - cryocycle
  - duality
  - Fermat
  - Franck-Condon
  - Huygens
  - inertia
  - Kirchhoff-Huygens
    - use diffraction
    - wave propagation
  - Mach inertia
  - maximum
  - Pauli exclusion
  - pontryagin
  - Saint Venant
  - Schelkunoff
  - variational
- principles
  - printed circuits
  - printed resistors
  - printers
  - printers (data processing)
  - printing
  - printouts
  - priorities
  - Priroda module
  - prismatic bars
  - prisms
  - privacy
  - private aircraft
    - use general aviation aircraft
- probabilities
- probability
  - use probability theory
- statistical probability
  - use probability theory
- amplitude probability analysis
  - use amplitude distribution analysis
- probability density functions
- probability distribution functions
- probability theory
- Galileo probe
- Huygens probe
- Lunik 2 lunar probe
- Lunik 3 lunar probe
- Lunik 9 lunar probe
- Lunik 10 lunar probe
- Lunik 11 lunar probe
- Lunik 12 lunar probe
- Lunik 13 lunar probe
- Lunik 14 lunar probe
- Lunik 16 lunar probe
- Lunik 17 lunar probe
- Lunik 19 lunar probe
- Lunik 20 lunar probe
- Lunik 22 lunar probe
- MAP (space probe)
  - use Microwave Anisotropy Probe
- Mariner 1 space probe
- Mariner 2 space probe
- Mariner 3 space probe
- Mariner 4 space probe
- Mariner 5 space probe
- Mariner 6 space probe
- Mariner 7 space probe
- Mariner 8 space probe
- Mariner 9 space probe
- Mariner 10 space probe
- Mariner 11 space probe
- Mariner R 2 space probe
- Microwave Anisotropy Probe
- Pioneer 1 space probe
- Pioneer 2 space probe
- Pioneer 3 space probe
- Pioneer 4 lunar probe
  - use Pioneer 4 space probe
- Pioneer 4 space probe
- Pioneer 5 space probe
- Pioneer 6 space probe
- Pioneer 7 space probe
- Pioneer 8 space probe
- Pioneer 9 space probe
- Pioneer 10 space probe
- Pioneer 11 space probe
- Pioneer 12 space probe
  - use Pioneer Venus spacecraft
- Pioneer F space probe
  - use Pioneer 10 space probe
- Pioneer G space probe
  - use Pioneer 11 space probe
- Pioneer Venus 2 night probe
- Pioneer Venus 2 sounder probe
- Ranger 1 lunar probe
- Ranger 2 lunar probe
- Ranger 3 lunar probe
- Ranger 4 lunar probe
- Ranger 5 lunar probe
- Ranger 6 lunar probe
- Ranger 7 lunar probe
- Ranger 8 lunar probe
- Ranger 9 lunar probe
- Sunblazer space probe
- Surveyor 1 lunar probe
- Surveyor 2 lunar probe
- Surveyor 3 lunar probe
- Surveyor 4 lunar probe
- Surveyor 5 lunar probe
- Surveyor 6 lunar probe
- Surveyor 7 lunar probe
- Zond 1 space probe
- Zond 2 space probe
- Zond 3 space probe
- Zond 4 space probe
- Zond 5 space probe
- Zond 6 space probe
- Zond 7 space probe
- Zond 8 space probe
- Gravity Probe B
  - probe method (forecasting)
  - probes
  - electron probes
  - electrostatic probes
  - flame probes
  - impedance probes
  - ion probes
  - Jupiter probes
  - Langmuir probes
    - use electrostatic probes
  - light probes
    - use light beams
  - LUNA lunar probes
    - use Lunik lunar probes
  - lunar probes
  - Lunik lunar probes
  - magnetic probes
  - magnetic induction probes
    - use magnetic probes
  - Mariner space probes
  - Mars probes
  - meteorological probes
    - use sondes
  - microwave probes
  - microwave plasma probes
  - Pioneer space probes
  - Pioneer Venus 2 entry probes
  - plasma probes
  - pneumatic probes

pressure	<b>probes</b>		isochoric	<b>processes</b>	
	<i>use</i>	pressure sensors	isoenergetic	<b>processes</b>	
radio frequency impedance	<b>probes</b>		isopycnic	<b>processes</b>	
Ranger lunar	<b>probes</b>		isosteric	<b>processes</b>	
resonance	<b>probes</b>			<i>use</i>	isopycnic processes
solar	<b>probes</b>		isothermal	<b>processes</b>	
space	<b>probes</b>		lining	<b>processes</b>	
Surveyor lunar	<b>probes</b>		Markov	<b>processes</b>	
temperature	<b>probes</b>		nonadiabatic	<b>processes</b>	
Venus	<b>probes</b>			<i>use</i>	heat transfer
Zond space	<b>probes</b>		nonisothermal	<b>processes</b>	
radio	<b>probing</b>		periodic	<b>processes</b>	
Cauchy	<b>problem</b>			<i>use</i>	cycles
Chapman-Ferraro	<b>problem</b>		polytropic	<b>processes</b>	
Dining Philosophers	<b>Problem</b>		random	<b>processes</b>	
Dirichlet	<b>problem</b>		sol-gel	<b>processes</b>	
four body	<b>problem</b>		stencil	<b>processes</b>	
isoperimetric	<b>problem</b>		stochastic	<b>processes</b>	
many body	<b>problem</b>		tabulation	<b>processes</b>	
Mayer	<b>problem</b>			<b>processing</b>	
N-body	<b>problem</b>		automatic data	<b>processing</b>	
	<i>use</i>	many body problem		<i>use</i>	data processing
Neumann	<b>problem</b>		batch	<b>processing</b>	
Poincare	<b>problem</b>		concurrent	<b>processing</b>	
Riemann	<b>problem</b>		data	<b>processing</b>	
	<i>use</i>	Cauchy problem	distributed	<b>processing</b>	
Saint Venant flexure	<b>problem</b>		food	<b>processing</b>	
	<i>use</i>	Saint Venant principle	frames (data)	<b>processing</b>	
St Venant flexure	<b>problem</b>		image	<b>processing</b>	
	<i>use</i>	Saint Venant principle	message	<b>processing</b>	
three body	<b>problem</b>		natural language	<b>processing</b>	
tracking	<b>problem</b>		onboard data	<b>processing</b>	
traveling salesman	<b>problem</b>		optical data	<b>processing</b>	
two body	<b>problem</b>		photographic	<b>processing</b>	
	<b>problem</b>	solving	printers (data)	<b>processing</b>	
	<b>problems</b>		retort	<b>processing</b>	
Bolza	<b>problems</b>		signal	<b>processing</b>	
boundary value	<b>problems</b>		space	<b>processing</b>	
initial value	<b>problems</b>		space-time adaptive	<b>processing</b>	
	<i>use</i>	boundary value problems	ultrasonic	<b>processing</b>	
operational	<b>problems</b>		voice data	<b>processing</b>	
prelaunch	<b>problems</b>		word	<b>processing</b>	
ill-conditioned	<b>problems</b>	(mathematics)	Space	<b>Processing</b>	Applications Rocket
ill-posed	<b>problems</b>	(mathematics)	information	<b>processing</b>	(biology)
improperly-posed	<b>problems</b>	(mathematics)	associative	<b>processing</b>	(computers)
	<i>use</i>	ill-posed problems (mathematics)	parallel	<b>processing</b>	(computers)
optical correction	<b>procedure</b>		vector	<b>processing</b>	(computers)
	<b>procedures</b>		data	<b>processing</b>	equipment
intravenous	<b>procedures</b>		photographic	<b>processing</b>	equipment
crew	<b>procedures</b>	(inflight)	signal-	<b>processing-in-the-element</b>	detectors
crew	<b>procedures</b>	(preflight)	power	<b>processing</b>	systems
	<b>proceedings</b>			<i>use</i>	power conditioning
	<i>use</i>	conferences	data	<b>processing</b>	terminals
		congressional reports	central	<b>processing</b>	units
burning	<b>process</b>		data	<b>processors</b>	
	<i>use</i>	combustion		<i>use</i>	data processing equipment
electroslag	<b>process</b>		fluidized bed	<b>processors</b>	
ergodic	<b>process</b>		massively parallel	<b>processors</b>	
Fischer-Tropsch	<b>process</b>		RISC	<b>processors</b>	
HIP	<b>(process)</b>		site data	<b>processors</b>	
	<i>use</i>	hot isostatic pressing		<b>processors</b>	(computers)
jet membrane	<b>process</b>			<i>use</i>	central processing units
lost wax	<b>process</b>			<b>procurement</b>	
	<i>use</i>	investment casting	government	<b>procurement</b>	
Ornstein-Uhlenbeck	<b>process</b>			<b>procurement</b>	management
poisson	<b>process</b>			<b>procurement</b>	policy
	<i>use</i>	Poisson density functions	gross national	<b>product</b>	
		stochastic processes	Kronecker	<b>product</b>	
Umklapp	<b>process</b>			<i>use</i>	orthogonality
Verneuil	<b>process</b>			<b>product</b>	development
	<b>process</b>	control (industry)		<b>production</b>	
beds	<b>(process)</b>	engineering)	aircraft	<b>production</b>	
columns	<b>(process)</b>	engineering)	biomass energy	<b>production</b>	
	<b>process</b>	heat	fuel	<b>production</b>	
Kraft	<b>process</b>	(woodpulp)	hydrocarbon fuel	<b>production</b>	
	<b>processes</b>		hydrogen	<b>production</b>	
autoregressive	<b>processes</b>		kaon	<b>production</b>	
irreversible	<b>processes</b>		oxygen	<b>production</b>	
isentropic	<b>processes</b>		pair	<b>production</b>	

**production**

particle	<b>production</b>	HITAB	<b>program</b>
	<b>production</b> costs		<i>use</i> high alt target and background measurement
aircraft	<b>production</b> costs		
	<b>production</b> engineering	Hungarian space	<b>program</b>
food	<b>production</b> (in space)	Icelandic space	<b>program</b>
	<b>production</b> management	Indian space	<b>program</b>
	<b>production</b> methods	Indonesian space	<b>program</b>
	<i>use</i> production engineering	International Geosphere-Biosphere	<b>program</b>
	<b>production</b> planning	interservice data exchange	<b>program</b>
ion	<b>production</b> rates	Israeli space	<b>program</b>
	<b>productivity</b>	Italian space	<b>program</b>
	<b>products</b>	Japanese space	<b>program</b>
by-	<b>products</b>	LAMPS	<b>program</b>
combustion	<b>products</b>		<i>use</i> Light Airborne Multipurpose System
commercial off-the-shelf	<b>products</b>		
COTS	<b>products</b>	Luxembourg space	<b>program</b>
	<i>use</i> commercial off-the-shelf products	Mariner	<b>program</b>
data	<b>products</b>	Mars Surveyor 98	<b>Program</b>
fission	<b>products</b>	Mexican space	<b>program</b>
petroleum	<b>products</b>	NASA Structural Analysis	<b>program</b>
reaction	<b>products</b>		<i>use</i> NASTRAN
	<b>proficiency</b>	National Aerospace Plane	<b>Program</b>
	<i>use</i> abilities	National Launch Vehicle	<b>Program</b>
	<b>profile</b> method (forecasting)	Netherlands space	<b>program</b>
	<b>profiles</b>	New Zealand space	<b>program</b>
airfoil	<b>profiles</b>	Norwegian space	<b>program</b>
electron density	<b>profiles</b>	optical satellite tracking	<b>program</b>
search	<b>profiles</b>	Pakistan space	<b>program</b>
shock wave	<b>profiles</b>	PANT	<b>program</b>
temperature	<b>profiles</b>	Portuguese space	<b>program</b>
velocity	<b>profiles</b>	quiet engine	<b>program</b>
	<i>use</i> velocity distribution	radar target scatter site	<b>program</b>
wind	<b>profiles</b>	RATSCAT	<b>program</b>
wing	<b>profiles</b>		<i>use</i> radar target scatter site program
magnetotelluric	<b>profiling</b>	reactor in flight test	<b>program</b>
	<i>use</i> magnetic surveys		<i>use</i> RIFT (reactor in flight test)
	<b>profilometers</b>	Russian Space	<b>Program</b>
	<b>progeny</b>	Saudi Arabian space	<b>program</b>
	<b>prognosis</b>	SCAR	<b>program</b>
	<b>Prognoz</b> satellites		<i>use</i> supersonic cruise aircraft research
ACEE	<b>program</b>	SEASAT	<b>program</b>
Agena B Ranger	<b>Program</b>	Skylab	<b>program</b>
Aircraft Energy Efficiency	<b>program</b>	space vehicle checkout	<b>program</b>
	<i>use</i> ACEE program	Spanish space	<b>program</b>
Apollo applications	<b>program</b>	Starsite	<b>program</b>
Argentine space	<b>program</b>	Swedish space	<b>program</b>
Army-Navy instrumentation	<b>program</b>	Swiss space	<b>program</b>
Assess	<b>program</b>	TACT	<b>program</b>
Australian space	<b>program</b>	TCV	<b>program</b>
Austrian space	<b>program</b>		<i>use</i> Terminal Configured Vehicle Program
Belgian space	<b>program</b>	Terminal Configured Vehicle	<b>Program</b>
Brazilian space	<b>program</b>	Tilt Rotor Research Aircraft	<b>Program</b>
Canadian space	<b>program</b>	Transonic Aircraft Technology	<b>Program</b>
Chinese space	<b>program</b>		<i>use</i> TACT program
Comsat	<b>program</b>	TRAP	<b>program</b>
Constellation	<b>program</b>	Turkish space	<b>program</b>
Czechoslovakian space	<b>program</b>	U.S.S.R. space	<b>program</b>
DAMP	<b>program</b>	UK space	<b>program</b>
	<i>use</i> Downrange Antimissile Measurement Program	Ukrainian space	<b>program</b>
Danish space	<b>program</b>	university	<b>program</b>
DAST	<b>program</b>	Viking Mars	<b>program</b>
defense	<b>program</b>		<b>program</b> evaluation review technique
Defense Meteorological Satellite	<b>Program</b>		<i>use</i> PERT
	<i>use</i> DMSP satellites	Integ	<b>Program</b> for Aerospace Veh Design
Downrange Antimissile Measurement	<b>Program</b>		<i>use</i> IPAD
Earth & Ocean Physics Applications	<b>Program</b>	computer	<b>program</b> integrity
Earth Resources	<b>Program</b>		<b>program</b> management
Earth Resources Survey	<b>Program</b>		<i>use</i> project management
Energy Efficiency Transport	<b>program</b>	computer	<b>program</b> reliability
	<i>use</i> ACEE program		<i>use</i> software reliability
Finnish space	<b>program</b>		<b>program</b> reliability (computers)
French space	<b>program</b>		<i>use</i> software reliability
geographic applications	<b>program</b>		<b>program</b> trend line analysis
German space	<b>program</b>		<b>program</b> verification (computers)
Global Air Sampling	<b>Program</b>	field-	<b>programmable</b> gate arrays
Global Atmospheric Research	<b>Program</b>		<b>programmable</b> logic devices
Greek space	<b>program</b>		

**programmed** cell death  
*use* apoptosis  
**programmed** instruction  
**programmers**  
**programming**  
 computer **programming**  
 dynamic **programming**  
 language **programming**  
 linear **programming**  
 logic **programming**  
 mathematical **programming**  
 nonlinear **programming**  
 object-oriented **programming**  
 on-line **programming**  
 optimum thrust **programming**  
*use* thrust programming  
 parallel **programming**  
 quadratic **programming**  
 structured **programming**  
 symbolic **programming**  
 thrust **programming**  
**programming** environments  
 application **programming** interface  
 Ada (**programming** language)  
 APL (**programming** language)  
 BASIC (**programming** language)  
 C (**programming** language)  
 C++ (**programming** language)  
 COGO (**programming** language)  
 COMPASS (**programming** language)  
 FAB (**programming** language)  
*use* FORTRAN  
 Forth (**programming** language)  
 Java (**programming** language)  
 LISP (**programming** language)  
 MAP (**programming** language)  
 Pascal (**programming** language)  
 Prolog (**programming** language)  
**programming** languages  
**programming** (scheduling)  
**programs**  
 compiler **programs**  
*use* compilers  
 computer **programs**  
 computer systems **programs**  
 European space **programs**  
 lunar **programs**  
 machine-independent **programs**  
 multiple output **programs**  
 NASA **programs**  
 NASA space **programs**  
 object **programs**  
 source **programs**  
 space **programs**  
 user manuals (computer **programs**)  
 windows (computer **programs**)  
 applications **programs** (computers)  
**progress**  
**progressions**  
**prohibition**  
 Experimental Reflector Orbital Shot **Proj**  
 Synchronous Communications Satellite **Proj**  
 Advent **Project**  
 AgRISTARS **project**  
 Alouette **project**  
 Apollo **project**  
 Apollo Soyuz test **project**  
 Argus **project**  
 ASSET **project**  
 ATLIT **project**  
 BIOS **project**  
 Bumblebee **project**  
 Centaur **project**  
 Defender **project**  
 Echo **project**  
 eclipse **project**  
 EROS **project**  
*use* Experimental Reflector Orbital Shot Proj  
 Galileo **project**  
 Gemini **project**  
 Geosari **project**  
 Harvard Radio Meteor **Project**  
 Helios **Project**  
 HICAT **project**  
*use* high resolution coverage antennas  
 ISCCP **Project**  
 Jupiter **project**  
 Mars 69 **project**  
 Mars 71 **project**  
 Mercury **project**  
 National Severe Storms **Project**  
 NEW MOONS **project**  
 Next Generation Space Telescope **project**  
 NGST **project**  
*use* Next Generation Space Telescope project  
 Nike **project**  
 Nimbus **project**  
 OPEN **Project**  
 Pioneer **project**  
 Radio Attenuation Measurement **project**  
 RAM **project**  
*use* Radio Attenuation Measurement project  
 rand **project**  
 Ranger **project**  
 Rover **project**  
 SAIL **project**  
 Saturn **project**  
 Scanner **project**  
 Scout **project**  
 Seafarer **project**  
 SQUID **project**  
 SRB **project**  
*use* Surface Radiation Budget project  
 SSE **project**  
*use* Surface Meteorology and Solar Energy project  
 SUBIC **project**  
*use* Submarine Integrated Control project  
 Submarine Integrated Control **project**  
 Success **project**  
 Surface Meteorology and Solar Energy **project**  
 Surface Radiation Budget **project**  
 Surveyor **project**  
 Tektite **project**  
 Telstar **project**  
 Themis **project**  
 TIROS **project**  
 Titan **project**  
 Vanguard **project**  
 Vega **project**  
 Venus Radar Mapper **Project**  
*use* Magellan project (NASA)  
 Voyager **project**  
 West Ford **project**  
 Magellan **project** management  
 Magellan **project** (NASA)  
**project** planning  
**Project** SETI  
 high altitude sounding **projectile**  
*use* WASP sounding rocket  
 window atmosphere sounding **projectile**  
*use* WASP sounding rocket  
**projectile** cratering  
**projectile** penetration  
*use* terminal ballistics  
**projectiles**  
 hypervelocity **projectiles**  
 precision guided **projectiles**  
 Sabot **projectiles**  
**projection**  
 Bonne **projection**  
 gnomonic **projection**  
 Mercator **projection**

	<b>projective</b> geometry		<b>propellant</b> storability
	<b>projectors</b>		<b>propellant</b> storage
	<b>projects</b>	SLWT	<b>(propellant tank)</b>
research	<b>projects</b>		<i>use</i> external tanks
	<b>prokaryotes</b>		propellant tanks
	<b>prolate</b> spheroids		<b>propellant</b> tanks
	<b>prolateness</b>	rocket	<b>propellant</b> tanks
	<b>Prolog</b> (programming language)		<i>use</i> propellant tanks
	<b>prolongation</b>		<b>propellant</b> tests
	<b>promethazine</b>		<b>propellant</b> transfer
	<b>Prometheus</b>		<b>propellants</b>
	<b>promethium</b>	case bonded	<b>propellants</b>
	<b>promethium</b> 146	colloidal	<b>propellants</b>
	<i>use</i> promethium isotopes	composite	<b>propellants</b>
	<b>promethium</b> isotopes	cryogenic rocket	<b>propellants</b>
	<b>prominences</b>	Domino	<b>propellants</b>
solar	<b>prominences</b>	double base	<b>propellants</b>
	<b>promotion</b>	double base rocket	<b>propellants</b>
	<b>prone</b> position	GAP	<b>(propellants)</b>
accident	<b>proneness</b>		<i>use</i> glycidyl azide polymer
	<b>Prony</b> series	gaseous rocket	<b>propellants</b>
	<b>proofs</b>	gelled	<b>propellants</b>
	<i>use</i> proving	gelled rocket	<b>propellants</b>
	<b>prop-fan</b> technology	gun	<b>propellants</b>
	<b>propagation</b>	high energy	<b>propellants</b>
acoustic	<b>propagation</b>	high temperature	<b>propellants</b>
blackout	<b>(propagation)</b>	HTPB	<b>propellants</b>
crack	<b>propagation</b>	hybrid	<b>propellants</b>
diffraction	<b>propagation</b>	hypergolic rocket	<b>propellants</b>
electromagnetic	<b>propagation</b>	ionic	<b>propellants</b>
	<i>use</i> electromagnetic wave		<i>use</i> ion engines
	transmission	liquid rocket	<b>propellants</b>
flame	<b>propagation</b>	lithergolic	<b>propellants</b>
ground wave	<b>propagation</b>		<i>use</i> hybrid propellants
ionospheric	<b>propagation</b>	metal	<b>propellants</b>
ionospheric F-scatter	<b>propagation</b>	nitramine	<b>propellants</b>
noise	<b>propagation</b>	plastic	<b>propellants</b>
radio	<b>propagation</b>	rocket	<b>propellants</b>
	<i>use</i> radio transmission	RP-1 rocket	<b>propellants</b>
radio signal	<b>propagation</b>	slurry	<b>propellants</b>
	<i>use</i> radio transmission	solid	<b>propellants</b>
scatter	<b>propagation</b>	solid rocket	<b>propellants</b>
self	<b>propagation</b>	storable	<b>propellants</b>
shock wave	<b>propagation</b>	thixotropic	<b>propellants</b>
sound	<b>propagation</b>		<i>use</i> gelled rocket propellants
stress	<b>propagation</b>	nuclear	<b>propelled</b> aircraft
transequatorial	<b>propagation</b>	rocket	<b>propelled</b> sleds
transhorizon radio	<b>propagation</b>		<b>propeller</b> blades
wave	<b>propagation</b>		<b>propeller</b> drive
	<b>propagation</b> (extension)	helicopter	<b>propeller</b> drive
	<b>propagation</b> modes		<b>propeller</b> efficiency
	<b>propagation</b> velocity		<b>propeller</b> fans
	<b>propagators</b>		<b>propeller</b> noise
	<i>use</i> propagation		<b>propeller</b> slipstreams
	<b>propane</b>		<b>propellers</b>
	<b>propargyl</b> groups	constant speed	<b>propellers</b>
	<b>propellant</b> actuated devices		<i>use</i> variable pitch propellers
	<b>propellant</b> actuated instruments	contrarotating	<b>propellers</b>
	<b>propellant</b> additives	ducted	<b>propellers</b>
	<b>propellant</b> binders		<i>use</i> shrouded propellers
	<b>propellant</b> casting	shrouded	<b>propellers</b>
	<b>propellant</b> chemistry	tilted	<b>propellers</b>
	<b>propellant</b> combustion	variable pitch	<b>propellers</b>
solid	<b>propellant</b> combustion		<b>proper</b> motion
	<b>propellant</b> consumption		<b>properties</b>
	<b>propellant</b> decomposition	acoustic	<b>properties</b>
	<b>propellant</b> evaporation	asymptotic	<b>properties</b>
	<b>propellant</b> explosions	chemical	<b>properties</b>
	<b>propellant</b> grains	creep	<b>properties</b>
solid	<b>propellant</b> ignition	dielectric	<b>properties</b>
	<b>propellant</b> mass ratio	dynamic	<b>properties</b>
	<b>propellant</b> oxidizers		<i>use</i> dynamic characteristics
	<i>use</i> rocket oxidizers	elastic	<b>properties</b>
	<b>propellant</b> properties	electrical	<b>properties</b>
hybrid	<b>propellant</b> rocket engines	electromagnetic	<b>properties</b>
liquid	<b>propellant</b> rocket engines	hygral	<b>properties</b>
solid	<b>propellant</b> rocket engines	internuclear	<b>properties</b>
	<b>propellant</b> sensitivity	magnetic	<b>properties</b>
	<b>propellant</b> sprays	mechanical	<b>properties</b>

- molecular **properties**
  - optical **properties**
  - physical **properties**
  - plastic **properties**
  - propellant **properties**
  - shear **properties**
  - surface **properties**
  - tensile **properties**
  - thermal **properties**
    - use* thermodynamic properties
  - thermochemical **properties**
  - thermodynamic **properties**
  - thermophysical **properties**
  - transport **properties**
  - virtual **properties**
  - structural **properties** (geology)
  - composition **(property)**
  - distribution **(property)**
  - intellectual **property**
    - propfan technology
      - use* prop-fan technology
    - prophylaxis
    - propionic acid
    - proportion
    - proportional control
    - proportional counters
    - proportional limit
    - proportional navigation
    - proposals
    - proprioception
    - proprioceptors
    - propulsion
      - auxiliary **propulsion**
      - chemical **propulsion**
      - chemonuclear **propulsion**
        - use* chemical propulsion
        - nuclear propulsion
      - dual mode **propulsion**
        - use* hybrid propulsion
      - electric **propulsion**
      - electromagnetic **propulsion**
      - electrostatic **propulsion**
      - fusion **propulsion**
      - hybrid **propulsion**
      - interplanetary **propulsion**
        - use* interplanetary spacecraft
        - rocket engines
      - ion **propulsion**
      - jet **propulsion**
      - laser **propulsion**
      - low thrust **propulsion**
      - marine **propulsion**
      - matter-antimatter **propulsion**
      - negative matter **propulsion**
      - nuclear **propulsion**
      - nuclear electric **propulsion**
      - photonic **propulsion**
      - plasma **propulsion**
      - solar **propulsion**
      - solar electric **propulsion**
      - solar thermal **propulsion**
      - space station **propulsion**
      - spacecraft **propulsion**
      - submarine **propulsion**
      - thermonuclear **propulsion**
        - use* nuclear propulsion
      - underwater **propulsion**
        - system configurations
      - hot cycle **propulsion**
        - system
          - use* tip driven rotors
        - system performance
      - post boost **propulsion**
        - system
        - VASIMR **(propulsion)**
          - system
        - ascent **propulsion**
          - systems
        - descent **propulsion**
          - systems
        - man operated **propulsion**
          - systems
            - MOPS **(propulsion)**
              - systems)
                - use* man operated propulsion
                - systems
- personnel **propulsion**
  - systems
    - use* self maneuvering units
  - propulsive**
    - efficiency
  - propyl**
    - compounds
    - nitrate
  - propylene**
  - propylene**
    - oxide
  - prospecting**
    - use* exploration
- Lunar **Prospector**
- prostaglandins**
- prostate**
  - gland
- prosthetic**
  - devices
- protactinium**
- protactinium**
  - 234
    - use* protactinium isotopes
- protactinium**
  - compounds
- protactinium**
  - fluorides
- protactinium**
  - isotopes
- protease**
- protection**
  - acceleration **protection**
  - circuit **protection**
  - environment **protection**
    - eye **protection**
  - meteoroid **protection**
  - planetary **protection**
  - radiation **protection**
  - thermal **protection**
  - vibration **protection**
    - use* vibration isolators
- Advanced EVA **Protection**
  - Systems
    - use* AEPS
  - protective**
    - clothing
    - coatings
- ceramal **protective**
  - coatings
    - use* cermets
    - protective coatings
- sprayed **protective**
  - coatings
    - use* protective coatings
    - sprayed coatings
- protectors**
- ear **protectors**
- protein**
  - crystal growth
- protein**
  - denaturation
    - use* biopolymer denaturation
- protein**
  - metabolism
- protein**
  - synthesis
- proteinoids**
- proteins**
- luminescent **proteins**
- tumor suppressor **proteins**
- proteome**
- Proteus**
- prothrombin**
- protium**
  - use* light water
- protobiology**
- protocol** (computers)
- protogalaxies**
- Proton**
  - 1 satellite
  - 2 satellite
  - 3 satellite
  - 4 satellite
- proton-antiproton**
  - interactions
- proton**
  - beams
  - belts
  - damage
  - density (concentration)
  - density
  - energy
  - flux density
  - impact
  - irradiation
  - launch vehicle
  - magnetic resonance
  - masers
  - precession
  - precipitation
- magnetospheric **proton**

- proton- **proton** protuberances
- proton- **proton** reactions
- proton- **proton** resonance
- Proton satellites
- proton** scattering
- proton** telescopes
  - use* particle telescopes
- protons**
- recoil **protons**
- solar **protons**
- protoplanetary** disks
- protoplanets**
- protoplasm**
- protoplasts**
- protoproteins**
- protosolar** nebula
  - use* solar nebula
- protostars**
- prototypes**
- rapid **prototyping**
- protozoa**
- protractors**
- protuberances**
- proton **protuberances**
- proustite**
- Provider** aircraft
  - use* C-123 aircraft
- proving**
- theorem **proving**
- verification **(proving)**
  - use* proving
- provisioning**
- jet **provost** aircraft
- proximity**
- proximity** effect (electricity)
- PRTR** (reactor)
  - use* plutonium recycle test reactor
- prussic** acid
  - use* hydrocyanic acid
- pseudomonas**
- pseudonoise**
- pseudopotentials**
- pseudorandom** sequences
- PSP** (paints)
  - use* pressure sensitive paints
- psychiatry**
- military **psychiatry**
  - use* military psychology
- social **psychiatry**
- psychoacoustics**
- psycholinguistics**
- psychological** effects
- psychological** factors
- psychological** indexes
  - use* psychological tests
- psychological** sets
- psychological** tests
- psychology**
- aviation **psychology**
- cognitive **psychology**
- generalization **(psychology)**
- inhibition **(psychology)**
- military **psychology**
- reinforcement **(psychology)**
- retention **(psychology)**
- reward **(psychology)**
- space **psychology**
- stress **(psychology)**
- psychometrics**
- psychomotor** performance
- psychopharmacology**
- psychophysics**
- psychophysiology**
- evoked response **(psychophysiology)**
- workloads **(psychophysiology)**
- psychoses**
- psychosomatics**
- psychotherapy**
- psychotic** depression
- psychotropic** drugs
- psychrometers**
- psychrophiles**
- PTM** (modulation)
  - use* pulse time modulation
- Ptolemaeus** Crater
- public** address systems
- public** health
- public** law
- public** relations
- public** speaking
- publications**
  - use* documents
- catalogs **(publications)**
- electronic **publishing**
- Puck**
- Puerto Rico
- push- **pull** amplifiers
- pulleys**
- pulling**
- frequency **pulling**
  - pulling** (frequency stability)
    - use* frequency pulling
- fiber **pullout**
- pulmonary** circulation
- pulmonary** functions
- pulmonary** lesions
- pulsar** magnetospheres
- pulsars**
- pulsating** flow
  - use* unsteady flow
- geomagnetic **pulsations**
- pulse** amplitude
- pulse** amplitude modulation
- pulse** (cardiovascular)
  - use* heart rate
- pulse** charging
- pulse** code modulation
- differential **pulse** code modulation
- pulse** communication
- pulse** compression
- pulse** detonation engines
- pulse** detonation wave engines
  - use* pulse detonation engines
- pulse** diffraction
- pulse** Doppler radar
- pulse** duration
- pulse** duration modulation
- pulse** frequency modulation
- pulse** frequency modulation telemetry
- pulse** generators
- pulse** heating
- pulse** height
  - use* pulse amplitude
- pulse** modulation
- pulse** position modulation
- pulse** radar
- pulse** rate
- annular core **pulse** reactors
- pulse** recorders
  - use* counters
- pulse** repetition rate
- pulse** time modulation
- pulse** width
  - use* pulse duration
- pulse** width amplitude converters
- pulse** width modulation
  - use* pulse duration modulation
- pulsed** arcjet engines
  - use* pulsed jet engines
- pulsed** inductive thrusters
- pulsed** jet engines
- pulsed** laser deposition
- pulsed** lasers
- ultrashort **pulsed** lasers
- pulsed** plasma thrusters
- pulsed** radiation
- pulsejet** engines
- pulses**

electric **pulses**  
 electromagnetic **pulses**  
 picosecond **pulses**  
 pressure **pulses**  
 system generated electromagnetic **pulses**  
**pultrusion**  
**pulverizing**  
     *use* grinding (comminution)  
**pumice**  
**pump** impellers  
**pump** seals  
 nuclear **pumped** lasers  
 solar- **pumped** lasers  
 capillary **pumped** loops  
**pumping**  
 electron **pumping**  
 laser **pumping**  
 magnetic **pumping**  
 maser **pumping**  
 nuclear **pumping**  
 optical **pumping**  
 plasma **pumping**  
**pumps**  
 axial flow **pumps**  
 blood **pumps**  
 centrifugal **pumps**  
 condensation **pumps**  
 diffusion **pumps**  
 electromagnetic **pumps**  
     flux **pumps**  
     fuel **pumps**  
     heat **pumps**  
 hydraulic **pumps**  
     *use* hydraulic equipment pumps  
 ion **pumps**  
 jet **pumps**  
 molecular **pumps**  
 rams (**pumps**)  
 turbine **pumps**  
 vacuum **pumps**  
 windpowered **pumps**  
**punched** cards  
**punched** tapes  
**punches**  
**puncturing**  
     *use* piercing  
**pupa**  
**pupil** size  
**pupillometry**  
**pupils**  
**purging**  
**purification**  
 air **purification**  
 water **purification**  
     *use* water treatment  
**purifiers**  
     *use* purification  
**purines**  
**purity**  
 General **Purpose** Heat Sources  
     *use* radioisotope heat sources  
 Multi- **Purpose** Logistics Modules  
**purposes**  
**pursuit**-evasion games  
**pursuit** tracking  
**push**-pull amplifiers  
**pushbroom** sensor modes  
**pushing**  
 fiber **pushout**  
**PWM** (modulation)  
     *use* pulse duration modulation  
**pycnometers**  
**pylon** mounting  
**pylons**  
 diamond **pyramid** hardness  
     *use* Vickers hardness  
**Pyramid** Lake (NV)  
**pyramidal** bodies

**pyramids**  
**pyranometers**  
**pyrazines**  
**Pyrenees** Mountains (Europe)  
**pyrenes**  
**Pyrex** (trademark)  
     *use* borosilicate glass  
**pyridine** nucleotides  
**pyridines**  
**pyridoxine**  
**pyrimidines**  
**pyrites**  
**Pyroceram** (trademark)  
**pyroelectricity**  
**pyrogen**  
**pyrographalloy**  
     *use* composite materials  
         pyrolytic graphite  
         refractory materials  
**pyroheliometers**  
**pyrohydrolysis**  
**pyrolysis**  
**pyrolytic** graphite  
**pyrolytic** materials  
**pyrometallurgy**  
**pyrometers**  
 optical **pyrometers**  
 radiation **pyrometers**  
 thermocouple **pyrometers**  
**pyrometry**  
     *use* temperature measurement  
**pyrophoric** materials  
**pyrophyllite**  
**pyrotechnics**  
**pyroxenes**  
**pyroxylin**  
     *use* cellulose nitrate  
**pyrrhotite**  
**pyrroles**  
**Pyrrones** (trademark)  
**pyruvates**

**Q**

high **Q**  
     *use* Q factors  
**Q** devices  
**Q** factors  
**Q** switched lasers  
**Q** values (nuclear physics)  
**QAM** (modulation)  
     *use* quadrature amplitude modulation  
**Qatar**  
**QBO** (climatology)  
     *use* quasi-biennial oscillation  
**QCD**  
     *use* quantum chromodynamics  
**QH-50** helicopter  
**QHE** (electronics)  
     *use* quantum Hall effect  
**QPSK**  
     *use* quadrature phase shift keying  
**QSO** (radio sources)  
     *use* quasars  
 Phoenix **quadrangle** (AZ)  
**Quadrantid** meteoroids  
**quadrants**  
**quadrphase** shift keying  
     *use* quadrature phase shift keying  
**quadratic** equations  
 linear **quadratic** Gaussian control  
**quadratic** programming  
 linear **quadratic** regulator  
**quadrature** amplitude modulation  
**quadrature** approximation  
     *use* quadratures  
**quadrature** phase shift keying  
**quadratures**

**quadrupole** lenses  
*use* magnetic lenses  
**quadrupole** networks  
nuclear **quadrupole** resonance  
**quadrupoles**  
**quail** missile  
planetary **quakes**  
**qualifications**  
**qualitative** analysis  
flying **qualities**  
*use* flight characteristics  
handling **qualities**  
*use* controllability  
**quality**  
air **quality**  
environmental **quality**  
riding **quality**  
water **quality**  
**quality** control  
TQM (**quality** control)  
*use* total quality management  
**quality** factors  
*use* Q factors  
total **quality** management  
**quantiles**  
isotopic analysis (**quantitative**)  
*use* isotope ratios  
**quantitative** analysis  
**quantity**  
*use* amount  
level (**quantity**)  
**quantization**  
*use* measurement  
flux **quantization**  
vector **quantization**  
**quantizer**  
*use* counters  
**quantum** amplifiers  
**quantum** cascade lasers  
**quantum** chemistry  
**quantum** chromodynamics  
**quantum** communication  
**quantum** computation  
**quantum** computers  
**quantum** computing  
*use* quantum computation  
**quantum** counters  
**quantum** cryptography  
**quantum** dots  
**quantum** efficiency  
**quantum** electrodynamics  
**quantum** electronics  
**quantum** generators  
*use* stimulated emission devices  
**quantum** Hall effect  
superconducting **quantum** interferometers  
*use* squid (detectors)  
**quantum** mechanics  
**quantum** numbers  
**quantum** optics  
**quantum** statistics  
**quantum** theory  
squeezed states (**quantum** theory)  
**quantum** well infrared photodetectors  
**quantum** well lasers  
**quantum** wells  
**quantum** wires  
**Quaoar**  
planetary **quarantine**  
mobile **quarantine** facility  
**quark** models  
**quark** parton model  
**quarks**  
**quarries**  
*use* mines (excavations)  
**quartic** equations  
**quartiles**  
**quartz**  
**quartz** crystals

**quartz** lamps  
**quartz** transducers  
**quartzite**  
**quasars**  
**Quasat**  
**quasi**-biennial oscillation  
**quasi**-particles  
*use* elementary excitations  
**quasi**-steady states  
**quasi**-stellar radio sources  
*use* quasars  
**quasilinearity**  
*use* nonlinearity  
**quaternary** alloys  
**Quaternary** period  
**quaternions**  
**Quebec**  
**quencies**  
**quenching**  
**quenching**  
flame **quenching**  
*use* extinguishing  
quenching (cooling)  
**quenching** (atomic physics)  
**quenching** (cooling)  
rapid **quenching** (metallurgy)  
automatic repeat **query**  
*use* automatic repeat request  
**query** languages  
**Questol** aircraft  
**queueing** theory  
**quiet** engine program  
**Quiet** Sun Year  
**QuikSCAT** satellite  
**quinoline**  
**quinones**  
**quinoxalines**  
**quotients**  
**QWIP**  
*use* quantum well infrared photodetectors

## R

Mariner **R** 2 space probe  
**R** Coronae Borealis stars  
W- **R** stars  
*use* Wolf-Rayet stars  
Marquardt **R4D** engine  
**R5D** aircraft  
*use* C-54 aircraft  
**R7V** aircraft  
*use* C-121 aircraft  
**RA-28** engine  
**rabbits**  
**Racah** coefficient  
**race** factors  
**races** (anthropology)  
**racetracks** (particle accelerators)  
**racks**  
**racks** (frames)  
**racks** (gears)  
**racon** beacons  
*use* radar beacons  
**radant**  
**radar**  
airborne **radar**  
airborne surveillance **radar**  
angels (**radar**)  
bistatic **radar**  
*use* multistatic radar  
Cobra Dane (**radar**)  
coherent **radar**  
continuous wave **radar**  
CW **radar**  
*use* continuous wave radar  
Doppler **radar**  
dual frequency **radar**  
*use* multispectral radar

- Earth resources shuttle imaging **radar**  
*use* Shuttle Imaging Radar
- European Incoherent Scatter **Radar**  
*use* EISCAT radar system (Europe)
- ground penetrating **radar**  
 imaging **radar**  
 incoherent scatter **radar**  
 infrared **radar**  
 landing **radar**  
 laser **radar**  
*use* optical radar
- meteorological **radar**  
 monopulse **radar**  
 MTI **radar**  
*use* moving target indicators
- multiple frequency **radar**  
*use* multispectral radar
- multispectral **radar**  
 multistatic **radar**  
 optical **radar**
- over-the-horizon **radar**  
 pulse **radar**  
 pulse Doppler **radar**  
 satellite-borne **radar**  
 search **radar**  
 secondary **radar**  
 Shuttle Imaging **Radar**  
 side-looking **radar**  
 space based **radar**  
 STAP (**radar**)  
*use* space-time adaptive processing
- surveillance **radar**
- synthetic aperture **radar**  
 tracking **radar**  
 weather **radar**  
*use* meteorological radar
- radar** absorbers  
**radar** altimeters  
*use* radio altimeters  
**radar** antennas
- airborne **radar** approach  
**radar** approach control  
**radar** astronomy  
**radar** attenuation  
**radar** beacons  
**radar** beams  
**radar** clutter maps  
**radar** corner reflectors  
**radar** cross sections  
**radar** data  
**radar** detection  
**radar** direction finders  
*use* radio direction finders  
**radar** displays  
*use* radarscopes  
**radar** echoes
- lunar **radar** echoes  
 solar **radar** echoes
- Venus **radar** echoes  
**radar** equipment  
**radar** filters  
**radar** geology  
**radar** homing missiles  
**radar** imagery
- Venus **Radar** Mapper Project  
*use* Magellan project (NASA)
- Venus **Radar** Mapper  
*use* Magellan spacecraft (NASA)
- radar** maps  
**radar** measurement  
**radar** navigation  
**radar** networks  
**radar** observation  
*use* radar tracking  
**radar** photography  
**radar** range  
**radar** receivers  
**radar** reception
- radar** reflections  
*use* radar echoes  
**radar** reflectors  
**radar** resolution  
**radar** scanning  
**radar** scattering  
**radar** signatures  
**radar** sounding  
*use* radar measurement
- Venus orbiting imaging **radar** (spacecraft)  
 EISCAT **radar** system (Europe)  
 TRADEX **radar** system  
 digital **radar** systems  
**radar** target scatter site program  
**radar** targets  
 HICAT (**radar** technique)  
*use* high resolution coverage  
 antennas
- automated **radar** terminal system  
**radar** tracking  
**radar** transmission  
**radar** transmitters  
**Radarsat**  
**radarscopes**  
**radial** distribution  
**radial** drainage patterns  
*use* drainage patterns  
**radial** flow  
**radial** velocity  
**radiance**  
 Climate Absolute **Radiance** and Refractivity Observatory  
*use* CLARREO (observatory)
- radiancy**  
**radiant** cooling  
**radiant** energy  
*use* radiation
- Clouds and the Earth's **Radiant** Energy System  
*use* CERES (experiment)
- radiant** flux density  
**radiant** heating  
**radiant** intensity  
*use* radiant flux density
- radiation**  
 acoustic **radiation**  
*use* sound waves
- alpha **radiation**  
*use* alpha particles
- atmospheric **radiation**  
 background **radiation**  
 beams (**radiation**)  
 black body **radiation**  
 Cerenkov **radiation**  
 circumsolar **radiation**  
 coherent **radiation**  
 coherent acoustic **radiation**  
 coherent electromagnetic **radiation**  
 continuous **radiation**  
 corpuscular **radiation**  
 cosmic **radiation**  
*use* cosmic rays
- cosmic microwave background **radiation**  
 cyclotron **radiation**  
 diffraction **radiation**  
 diffuse **radiation**  
 Earth **radiation**  
*use* terrestrial radiation
- electromagnetic **radiation**  
 electron **radiation**  
 extraterrestrial **radiation**  
 extreme ultraviolet **radiation**  
 far infrared **radiation**  
 far ultraviolet **radiation**  
 galactic **radiation**  
 gamma **radiation**  
*use* gamma rays
- gravitational **radiation**  
*use* gravitational waves
- harmonic **radiation**  
 incident **radiation**

**radiation**

- infrared **radiation**
- interstellar **radiation**
- ion cyclotron **radiation**
- ionizing **radiation**
- Kirchhoff law of **radiation**
- laser **radiation**
  - use* laser beams
- light (visible **radiation**)
  - long wave **radiation**
  - lunar **radiation**
- Lyman alpha **radiation**
- Lyman beta **radiation**
- microwave **radiation**
  - use* microwaves
- modulated continuous **radiation**
- monochromatic **radiation**
- near infrared **radiation**
- near ultraviolet **radiation**
- nonequilibrium **radiation**
- nonthermal **radiation**
- nuclear **radiation**
- photosynthetically active **radiation**
- planetary **radiation**
- plasma **radiation**
- polarized **radiation**
- polarized electromagnetic **radiation**
- post-blast nuclear **radiation**
- pulsed **radiation**
- radio frequency **radiation**
  - use* radio waves
- reflected **radiation**
  - use* reflected waves
- refracted **radiation**
  - use* refracted waves
- relic **radiation**
- resonance **radiation**
  - use* resonance fluorescence
- short wave **radiation**
- sky **radiation**
- solar **radiation**
- solar corpuscular **radiation**
- solar plasma (**radiation**)
  - use* solar wind
- space **radiation**
  - use* extraterrestrial radiation
- stellar **radiation**
- Stokes law of **radiation**
- stratosphere **radiation**
- synchrotron **radiation**
- terrestrial **radiation**
- thermal **radiation**
- tropospheric **radiation**
- ultrasonic **radiation**
- ultraviolet **radiation**
- vacuum ultraviolet **radiation**
  - use* far ultraviolet radiation
- visible **radiation**
  - use* light (visible radiation)
- wave **radiation**
  - use* electromagnetic radiation
- Solar **Radiation** 1 satellite
- Solar **Radiation** 3 satellite
- radiation** absorption
- Radiation** and Meteoroid satellite
- inner **radiation** belt
- outer **radiation** belt
- radiation** belts
- artificial **radiation** belts
- Van Allen **radiation** belts
  - use* radiation belts
- Earth **radiation** budget
- Earth **radiation** budget experiment
- Surface **Radiation** Budget project
- radiation** chemistry
- radiation** counters
- radiation** damage
- radiation** detectors
- silicon **radiation** detectors
- radiation** distribution
- radiation** dosage
- radiation** effects
- Combined Release and **Radiation** Effects Sat
  - use* CRRES (satellite)
- radiation** emission
  - use* radiation
- Galactic **Radiation** Exp Background sats
  - use* GREB satellites
- radiation** exposure
  - use* radiation dosage
- radiation** fields
  - use* radiation distribution
- radiation** hardening
- radiation** hazards
- radiation** heating
  - use* radiant heating
- radiation** injuries
- radiation** intensity
  - use* radiant flux density
- radiation** laws
- radiation** measurement
- radiation** measuring instruments
- radiation** medicine
  - use* nuclear medicine
- Radiation** Meteoroid spacecraft
- radiation** meters
  - use* radiation measuring instruments
- radiation** noise
  - use* electromagnetic noise
- antenna **radiation** patterns
- radiation** pressure
- radiation** protection
- radiation** pyrometers
- radiation** resistance
  - use* radiation tolerance
- radiation** shielding
- solar **radiation** shielding
- radiation** sickness
- radiation** sources
- radiation** spectra
- nuclear **radiation** spectroscopy
- radiation** therapy
- radiation** tolerance
- radiation** transport
- radiation** trapping
- radiative** forcing
- radiative** heat transfer
- radiative** lifetime
- radiative** recombination
- radiative** transfer
- radiators**
- condenser **radiators**
  - use* condensers (liquefiers)
  - heat radiators
- heat **radiators**
- space **radiators**
  - use* spacecraft radiators
- spacecraft **radiators**
- amino **radical**
- vanadyl **radical**
- vinyl **radical**
- radicals**
- free **radicals**
- hydroxyl **radicals**
- radii**
- direction finders (**radio**)
  - use* radio direction finders
- radio** altimeters
- underground **radio** antenna grid (navy)
  - use* Seafarer project
- radio** antennas
- radio** astronomy
- Radio** Astronomy Explorer 2
  - use* Explorer 49 satellite
- Radio** Astronomy Explorer B
  - use* Explorer 49 satellite
- Radio** Astronomy Explorer satellite
- radio** attenuation
- Radio** Attenuation Measurement project

- radio** auroras
- orbiting **radio** beacon ionospheric sounder
  - use* ORBIS
- radio** beacons
- polar **radio** blackout
- radio** broadcasting
  - use* broadcasting
- radio** bursts
- solar **radio** bursts
- radio** communication
- radio** control
- radio** detection and ranging
  - use* radar
- radio** direction finders
- radio** echoes
- radio** electronics
- radio** emission
- solar **radio** emission
- radio** equipment
- ultra short wave **radio** equipment
  - use* very high frequency radio equipment
- very high frequency **radio** equipment
- radio** filters
- radio** frequencies
- radio** frequency discharge
- radio** frequency heating
- radio** frequency impedance probes
- radio** frequency interference
- radio** frequency ion thruster engines
  - use* RIT engines
- radio** frequency noise
  - use* electromagnetic noise
- radio** frequency radiation
  - use* radio waves
- radio** frequency shielding
- radio** galaxies
- radio** horizons
- radio** interference
  - use* radio frequency interference
- radio** interferometers
- Orion (**radio** interferometry network)
- radio** jets (astronomy)
- Harvard **Radio** Meteor Project
- radio** meteorology
- radio** meteors
- radio** navigation
- radio** observation
- radio** occultation
- radio** physics
- radio** probing
- radio** propagation
  - use* radio transmission
- transhorizon **radio** propagation
- radio** range
- radio** ranges
  - use* radio beacons
- omnidirectional **radio** ranges
- radio** receivers
- radio** reception
- radio** reflection
  - use* radio echoes
- radio** relay systems
- radio** scattering
- radio** signal attenuation
  - use* radio attenuation
- radio** signal propagation
  - use* radio transmission
- radio** signals
- radio** sources (astronomy)
- extragalactic **radio** sources
- QSO (**radio** sources)
  - use* quasars
- quasi-stellar **radio** sources
  - use* quasars
- radio** spectra
- radio** spectroscopy
- radio** stars
- radio** telegraphy
- radio** telemetry
- radio** telescopes
- radio** tracking
- radio** transmission
- short wave **radio** transmission
- radio** transmitters
- radio** wave refraction
- radio** waves
- cosmic **radio** waves
  - use* extraterrestrial radio waves
- extraterrestrial **radio** waves
- galactic **radio** waves
- solar **radio** waves
  - use* solar radio emission
- radioactive** age determination
- radioactive** contaminants
- radioactive** dating
  - use* radioactive age determination
- radioactive** debris
- radioactive** decay
- radioactive** elements
  - use* radioactive isotopes
- radioactive** isotopes
- radioactive** materials
- radioactive** nuclides
  - use* radioactive isotopes
- radioactive** wastes
- radioactivity**
- washout (**radioactivity**)
  - use* fallout
- radiobiology**
- radiocardiography**
- radiochemical** separation
- radiochemistry**
- radiogenic** materials
- radigoniometers**
- radiography**
- neutron **radiography**
- radioimmunoassay**
- radioisotope** batteries
- radioisotope** heat sources
- wildlife **radiolocation**
- radiology**
- radiolysis**
- radiometeorographs**
- Advanced Very High Resolution **Radiometer**
- AMSU (**radiometer**)
  - use* Advanced Microwave Sounding Unit
- visible infrared spin scan **radiometer**
- radiometers**
- Dicke **radiometers**
- Dicke type **radiometers**
  - use* Dicke radiometers
- infrared **radiometers**
- microwave **radiometers**
- passive L-band **radiometers**
- pressure modulator **radiometers**
- radiometric** correction
- radiometric** rectification
  - use* radiometric correction
- radiometric** resolution
- MISR (**radiometry**)
- MODIS (**radiometry**)
- radionuclides**
  - use* radioactive isotopes
- radiopathology**
- radiophosphors**
- radioprotective** agents
  - use* antiradiation drugs
- radiosensitivity**
  - use* radiation tolerance
- radiosondes**
- radiotelephones**
- radiotherapy**
  - use* radiation therapy
- radium**
- radium** 226
- radium** isotopes

- radius**
- use* radii
- Larmor **radius**
- radome** materials
- radomes**
- radon**
- radon** isotopes
- Raduga** satellite
- RAE 1**
- use* Explorer 49 satellite
- RAE-1**
- use* Explorer 38 satellite
- RAE 2**
- use* Explorer 49 satellite
- RAE B**
- use* Explorer 49 satellite
- Raffaello** Logistics Module (ISS)
- use* Multi-Purpose Logistics Modules
- rafts**
- life **rafts**
- rail** transportation
- railgun** accelerators
- railroad** humping tests
- railroads**
- use* rail transportation
- rails**
- rain**
- acid **rain**
- rain** erosion
- rain** forests
- rain** gages
- rain** impact damage
- rainbows**
- raindrops**
- Tropical **Rainfall** Measuring Mission sat
- use* TRMM satellite
- rainmaking**
- rainstorms**
- rakes**
- ram**
- ram** accelerators
- RAM B** launch vehicle
- hydrodynamic **ram** effect
- ram** effect (hydrodynamics)
- use* hydrodynamic ram effect
- RAM** project
- use* Radio Attenuation Measurement project
- Raman** effect
- use* Raman spectra
- Raman** lasers
- Raman** scattering
- use* Raman spectra
- Raman** spectra
- Raman** spectroscopy
- coherent anti-Stokes **Raman** spectroscopy
- use* Raman spectroscopy
- ramjet** engines
- low volume **ramjet** engines
- nuclear **ramjet** engines
- supersonic combustion **ramjet** engines
- ramjet-in-tube** accelerators
- use* ram accelerators
- ramjet** missiles
- integral rocket **ramjets**
- ramp** functions
- ramps**
- ramps** (structures)
- rams** (presses)
- rams** (pumps)
- Ramsauer** effect
- rand** project
- random** access
- random** access memory
- random** distributions
- use* statistical distributions
- random** errors
- random** loads
- random** noise
- random** numbers
- random** positioning machines
- use* clinostats
- random** processes
- random** sampling
- random** signals
- random** variables
- random** vibration
- random** walk
- range**
- dynamic **range**
- optical slant **range**
- radar **range**
- radio **range**
- reentry **range**
- airborne **range** and orbit determination
- range** and range rate tracking
- intermediate **range** ballistic missiles
- short **range** ballistic missiles
- Cascade **Range** (CA-OR-WA)
- range** control
- use* trajectory control
- range** errors
- range** (extremes)
- range** finders
- laser **range** finders
- optical **range** finders
- range** indicators
- use* range finders
- Advanced **Range** Instrumentation Aircraft
- Advanced **Range** Instrumentation Ship
- range** measurement
- use* rangefinding
- long **range** navigation
- use* loran
- short **range** navigation
- use* Shoran
- AROD (**range**-orbit determination)
- use* airborne range and orbit determination
- range** resources
- range** safety
- long **range** weather forecasting
- Wind River **Range** (WY)
- rangefinding**
- laser **rangefinding**
- use* laser ranging
- lunar **rangefinding**
- rangelands**
- Rangemaster** aircraft
- use* G-1 aircraft
- Navion **Rangemaster** aircraft
- use* G-1 aircraft
- Ranger** 1 lunar probe
- Ranger** 2 lunar probe
- Ranger** 3 lunar probe
- Ranger** 4 lunar probe
- Ranger** 5 lunar probe
- Ranger** 6 lunar probe
- Ranger** 7 lunar probe
- Ranger** 8 lunar probe
- Ranger** 9 lunar probe
- Ranger** block 3 television system
- Ranger** lunar landing vehicles
- Ranger** lunar probes
- Agena B **Ranger** Program
- Ranger** project
- Ranger** satellites
- use* Ranger lunar probes
- laser **range** /tracker
- ballistic **ranges**
- frequency **ranges**
- missile **ranges**
- omnidirectional radio **ranges**
- radio **ranges**
- use* radio beacons
- test **ranges**
- coastal **ranges** (CA)
- Peninsular **Ranges** (CA)

- ranges** (facilities)  
**ranging**  
*use* rangefinding  
laser **ranging**  
LLR **(ranging)**  
*use* laser ranging  
lunar ranging  
lunar laser **ranging**  
*use* laser ranging  
lunar rangefinding  
radio detection and **ranging**  
*use* radar  
satellite laser **ranging**  
SLR **(ranging)**  
*use* satellite laser ranging  
sound **ranging**  
sound detecting and **ranging**  
sound fixing and **ranging**  
**rank** tests  
**Rankine** cycle  
**Rankine-Hugoniot** relation  
**ranking**  
Cramer-**Rao** bounds  
**Raoult** law  
**RAPCON** (control)  
*use* radar approach control  
Newton-**Raphson** method  
**rapid** ballistics identification  
**rapid** eye movement state  
**rapid** prototyping  
**rapid** quenching (metallurgy)  
**rapid** solidification  
*use* rapid quenching (metallurgy)  
solidification  
**rapid** transit systems  
**rapids**  
Cedar **Rapids** (IA)  
**rare** earth alloys  
**rare** earth compounds  
**rare** earth elements  
**rare** gas compounds  
**rare** gases  
**rare** gas-halide lasers  
**rarefaction**  
**rarefaction** waves  
*use* elastic waves  
**rarefied** gas dynamics  
**rarefied** gases  
**rarefied** plasmas  
**rasers**  
*use* masers  
**raster** scanning  
bit error **rate**  
burning **rate**  
drift **rate**  
electron decay **rate**  
evaporation **rate**  
flow **rate**  
*use* flow velocity  
flux **(rate)**  
heart **rate**  
lapse **rate**  
loading **rate**  
mass flow **rate**  
pulse **rate**  
pulse repetition **rate**  
reaction **rate**  
*use* reaction kinetics  
respiratory **rate**  
signal fading **rate**  
star formation **rate**  
strain **rate**  
strain energy release **rate**  
density **(rate /area)**  
*use* flux density  
transmission **rate** (communications)  
counting **rate** computers  
**rate** meters  
*use* measuring instruments  
**rate** of climb indicators  
flux **(rate** per unit area)  
*use* flux density  
range and range **rate** tracking  
collision **rates**  
decay **rates**  
ion production **rates**  
**rates** (per time)  
**ratings**  
Cooper-Harper **ratings**  
pilot **ratings**  
pilot opinion **ratings**  
*use* pilot ratings  
aspect **ratio**  
bypass **ratio**  
compression **ratio**  
fineness **ratio**  
fuel-air **ratio**  
hematocrit **ratio**  
high aspect **ratio**  
lift drag **ratio**  
likelihood **ratio**  
low aspect **ratio**  
Mills **ratio**  
payload mass **ratio**  
Poisson **ratio**  
pressure **ratio**  
propellant mass **ratio**  
scale **(ratio)**  
slenderness **ratio**  
*use* aspect ratio  
stress **ratio**  
temperature **ratio**  
thickness **ratio**  
thrust-weight **ratio**  
void **ratio**  
high aspect **ratio** wings  
*use* slender wings  
low aspect **ratio** wings  
band **ratioing**  
**ratiometers**  
**rational** functions  
**rations**  
space **rations**  
**ratics**  
carrier to noise **ratios**  
indexes **(ratios)**  
isotope **ratios**  
isotope abundance **ratios**  
*use* isotope ratios  
mass **ratios**  
mass to light **ratios**  
mixing **ratios**  
modular **ratios**  
signal to noise **ratios**  
standing wave **ratios**  
**rats**  
**RATSCAT** program  
*use* radar target scatter site program  
**Raven** helicopter  
*use* OH-23 helicopter  
**ravines**  
**rawinsondes**  
gamma **ray** absorptiometry  
gamma **ray** absorption  
x **ray** absorption  
**ray** acoustics  
*use* geometrical acoustics  
cosmic **ray** albedo  
x **ray** analysis  
x **ray** apparatus  
Gamma **Ray** Astronomy Explorer  
*use* Explorer 11 satellite  
gamma **ray** astronomy  
x **ray** astronomy  
Advanced X **Ray** Astrophysics Facility  
*use* X Ray Astrophysics Facility  
Chandra X **Ray** Astrophysics Facility  
*use* X Ray Astrophysics Facility

- X **Ray** Astrophysics Facility
- gamma **ray** beams
- x **ray** binaries
- cosmic gamma **ray** bursts
  - use* gamma ray bursts
- gamma **ray** bursts
  - ray** casting
    - use* ray tracing
- x **ray** density measurement
- x **ray** detectors
- x **ray** diffraction
- x **ray** fluorescence
- x **ray** imagery
- Low Intensity X **Ray** Imaging Scopes
  - use* lixiscopes
- x **ray** inspection
- x **ray** irradiation
- Gamma-**ray** Large Area Space Telescope
  - use* Fermi Gamma-ray Space Telescope
- gamma **ray** lasers
  - x **ray** lasers
- X **Ray** Multi-Mirror Mission
  - use* XMM-Newton telescope
- Compton Gamma **Ray** Observatory
  - use* Gamma Ray Observatory
- Gamma **Ray** Observatory
  - ray** optics
    - use* geometrical optics
  - x **ray** optics
- heavy cosmic **ray** primaries
  - use* heavy nuclei
  - primary cosmic rays
- x **ray** scattering
- cosmic **ray** showers
- gamma **ray** sources (astronomy)
  - x **ray** sources
- Fermi Gamma-**ray** Space Telescope
  - gamma **ray** spectra
    - x **ray** spectra
  - X **ray** spectrography
    - use* x ray spectroscopy
- gamma **ray** spectrometers
  - x **ray** spectrometers
- X **ray** spectrometry
  - use* x ray spectroscopy
- X **Ray** Spectropolarimetry Payload
  - use* EXPOS (Spacelab payload)
- x **ray** spectroscopy
- x **ray** stars
- x **ray** stress analysis
- x **ray** stress measurement
- gamma **ray** telescopes
  - x **ray** telescopes
- Rossi X **Ray** Timing Explorer
  - use* X Ray Timing Explorer
- X **Ray** Timing Explorer
  - ray** tracing
- cathode **ray** tubes
  - x **ray** tubes
- Wolf-**Rayet** stars
  - Rayleigh**-Benard convection
  - Rayleigh** distribution
  - Rayleigh** equations
  - Rayleigh** fading
  - Rayleigh** number
  - Rayleigh**-Ritz method
  - Rayleigh** scattering
  - Rayleigh** waves
  - rayon**
  - rays**
  - cosmic **rays**
  - cosmic x **rays**
  - galactic cosmic **rays**
  - gamma **rays**
  - lunar **rays**
  - primary cosmic **rays**
  - reflected **rays**
    - use* reflected waves
  - refracted **rays**
    - use* refracted waves
  - secondary cosmic **rays**
  - solar cosmic **rays**
  - solar x-**rays**
  - x **rays**
  - Raytheon** computers
  - razor** blades
  - RB-47** aircraft
    - use* B-47 aircraft
  - RB-50** aircraft
    - use* B-50 aircraft
  - RB-57** aircraft
    - use* B-57 aircraft
  - RB-66** aircraft
    - use* B-66 aircraft
  - RBCC** engines
    - use* rocket-based combined-cycle engines
  - RBE**
    - use* relative biological effectiveness (RBE)
  - relative biological effectiveness (**RBE**)
  - RC** circuits
  - RC** networks
    - use* RC circuits
  - RCA-110** computers
  - RCA** computers
  - RCA** Satcom satellites
  - RCA** spectra 70 computer
  - RCB** stars
    - use* R Coronae Borealis stars
  - RDX**
  - reactance**
  - reactance** amplifiers
    - use* parametric amplifiers
  - reacting** flow
  - chemically **reacting** flow
    - use* reacting flow
  - reaction**
  - Friedel-Craft **reaction**
  - Michael **reaction**
  - polymerase chain **reaction**
  - Sabatier **reaction**
  - reaction** bonding
  - reaction** control
  - chemical **reaction** control
  - reaction**-diffusion equations
  - poisoning (**reaction** inhibition)
  - reaction** intermediates
  - reaction** jet backpacks
    - use* self maneuvering units
  - reaction** jets
    - use* jet flow
    - jet thrust
  - reaction** kinetics
  - reaction** products
  - reaction** rate
    - use* reaction kinetics
  - reaction** time
  - reaction** wheels
  - annihilation **reactions**
  - association **reactions**
  - chemical **reactions**
  - Diels-Alder **reactions**
  - endothermic **reactions**
  - exothermic **reactions**
  - Grignard **reactions**
  - human **reactions**
  - ionic **reactions**
  - metal-water **reactions**
  - nuclear **reactions**
  - oxidation-reduction **reactions**
  - photochemical **reactions**
  - photonuclear **reactions**
  - proton-proton **reactions**
  - recombination **reactions**
  - surface **reactions**
  - thermonuclear **reactions**

chain **reactions** (chemistry)  
 chain **reactions** (nuclear physics)  
**reactive** centers  
     *use* active sites (chemistry)  
**reactivity**  
 advanced sodium cooled **reactor**  
     ASCR **reactor**  
         *use* advanced sodium cooled reactor  
 Astron thermonuclear **reactor**  
     ATR **reactor**  
         *use* advanced test reactors  
 EBR-1 **reactor**  
     *use* Experimental Breeder Reactor 1  
 EBR-2 **reactor**  
     *use* Experimental Breeder Reactor 2  
 EBWR **(reactor)**  
     *use* experimental boiling water reactors  
 EGCR **(reactor)**  
     *use* experimental gas cooled reactors  
 EOGR **(reactor)**  
     *use* experimental organic cooled reactors  
 Halden **reactor**  
     *use* Halden Boiling Water Reactor  
 Halden Boiling Water **Reactor**  
     HBWR **reactor**  
         *use* Halden Boiling Water Reactor  
 Health Physics Research **Reactor**  
     HERO **Reactor**  
     HFIR **(reactor)**  
         *use* high flux isotope reactors  
 inertial fusion **(reactor)**  
     Janus **Reactor**  
     KIWI B-1 **Reactor**  
     KIWI B-4 **Reactor**  
     LCRE **Reactor**  
         *use* Lithium Cooled Reactor Experiment  
 Livermore Pool Type **Reactor**  
 Los Alamos Molten Plutonium **Reactor**  
     Los Alamos Turret **Reactor**  
         *use* high temperature nuclear reactors  
 Los Alamos Water Boiler **Reactor**  
     LPTR **Reactor**  
         *use* Livermore Pool Type Reactor  
     orgel **reactor**  
         *use* organic cooled reactors  
 Pathfinder nuclear **reactor**  
 Phoebus nuclear **reactor**  
 physical constants testing **reactor**  
     *use* nuclear research and test reactors  
         water cooled reactors  
 Plum Brook **Reactor**  
 plutonium recycle test **reactor**  
     PRTR **(reactor)**  
         *use* plutonium recycle test reactor  
 SNAPTRAN **reactor**  
 spectral shift control **reactor**  
     SRE **reactor**  
         *use* sodium reactor experiment  
     Tory 2 **reactor**  
     Tory 2-A **reactor**  
     Tory 2-C **reactor**  
 zeta thermonuclear **reactor**  
 Experimental Breeder **Reactor** 1  
 Experimental Breeder **Reactor** 2  
     Tower Shielding **Reactor** 2  
     zero power **reactor** 2  
     zero power **reactor** 3  
     zero power **reactor** 6  
     zero power **reactor** 9  
         **reactor** chemistry  
         *use* radiochemistry  
 nuclear **reactor** control  
     **reactor** cores  
     **reactor** design  
     Lithium Cooled **Reactor** Experiment  
     sodium **reactor** experiment  
     **reactor** fuels  
         *use* nuclear fuels  
     **reactor** in flight test program  
         *use* RIFT (reactor in flight test)  
     RIFT **(reactor** in flight test)  
         **reactor** materials  
         **reactor** physics  
         **reactor** safety  
     offshore **reactor** sites  
         **reactor** startup tests  
         **reactor** technology  
     Transient **Reactor** Test Facility  
         **reactors**  
         advanced test **reactors**  
         annular core pulse **reactors**  
         blankets (fission **reactors**)  
         blankets (fusion **reactors**)  
         boiling water **reactors**  
         breeder **reactors**  
         chemical **reactors**  
         divertors (fusion **reactors**)  
         electric **reactors**  
         engineering test **reactors**  
         ETR **(reactors)**  
         *use* engineering test reactors  
         experimental boiling water **reactors**  
         experimental gas cooled **reactors**  
         experimental organic cooled **reactors**  
         fast nuclear **reactors**  
         fast oxide **reactors**  
         fast test **reactors**  
         fuel elements (nuclear **reactors**)  
         *use* nuclear fuel elements  
         fusion **reactors**  
         fusion-fission hybrid **reactors**  
         gas **reactors**  
         gas cooled **reactors**  
         gas cooled fast **reactors**  
         gaseous fission **reactors**  
         GCR **(reactors)**  
         *use* gas cooled reactors  
         Hanford **reactors**  
         heavy water **reactors**  
         heavy water components test **reactors**  
         high flux beam **reactors**  
         high flux isotope **reactors**  
         high temperature gas cooled **reactors**  
         high temperature nuclear **reactors**  
         KIWI **reactors**  
         KIWI B **reactors**  
         KIWI rocket **reactors**  
         *use* KIWI reactors  
         light water **reactors**  
         light water breeder **reactors**  
         limiters (fusion **reactors**)  
         liquid cooled **reactors**  
         liquid metal cooled **reactors**  
         liquid metal fast breeder **reactors**  
         LMCR **(reactors)**  
         *use* liquid metal cooled reactors  
         materials testing **reactors**  
         *use* nuclear research and test reactors  
         MCR **reactors**  
         *use* military compact reactors  
         military compact **reactors**  
         molten salt nuclear **reactors**  
         MSRE **reactors**  
         *use* molten salt nuclear reactors  
         NRX **reactors**  
         nuclear **reactors**  
         nuclear power **reactors**  
         nuclear research and test **reactors**  
         nuclear test **reactors**  
         *use* nuclear research and test reactors  
         organic cooled **reactors**

# reactors

- organic moderated **reactors**
- PBRE **(reactors)**  
        *use* pebble bed reactors
- pebble bed **reactors**
- plasma core **reactors**
- Pluto **reactors**
- power **reactors**
- pressurized water **reactors**
- saturable **reactors**
- SGR (nuclear **reactors**)  
        *use* sodium graphite reactors
- sodium graphite **reactors**
- space power **reactors**
- space power unit **reactors**
- Spert **reactors**
- SPUR **(reactors)**  
        *use* space power unit reactors
- SR **(reactors)**  
        *use* saturable reactors
- swimming pool **reactors**
- thermal **reactors**
- thermionic **reactors**  
        *use* ion engines  
        nuclear rocket engines
- UHTREX (nuclear **reactors**)  
    *use* high temperature nuclear reactors
- water cooled **reactors**
- water moderated **reactors**
- zero power **reactors**
- ZPR **reactors**  
        *use* zero power reactors
- read-only memory devices**
- compact disk **read-only memory devices**  
    *use* optical disks
- readers**
- reading**
- lip **reading**  
        **reading machines**  
        *use* readers
- readjustment**  
        *use* adjusting
- readout**
- data **readout systems**  
        *use* data systems  
        display devices
- Karl Fischer **reagent**
- reagents**
- real** gases
- real** numbers
- real** time operation
- real** variables
- integration **(real variables)**  
    *use* measure and integration
- virtual **reality**
- VR (virtual **reality**)  
    *use* virtual reality
- rearward** facing steps  
        *use* backward facing steps
- reattached** flow
- reattachment**  
        *use* attachment
- REB**  
        *use* relativistic electron beams
- rebreathing**
- receivers**
- instrument **receivers**
- linear **receivers**
- logarithmic **receivers**
- radar **receivers**
- radio **receivers**
- solar **receivers**  
        *use* solar collectors
- superheterodyne **receivers**
- television **receivers**
- transmitter **receivers**
- receiving**
- lunar **receiving** laboratory
- receiving systems**  
        *use* receivers
- receptacles** (containers)  
        *use* containers
- reception**  
        *use* receiving
- homodyne **reception**
- radar **reception**
- radio **reception**
- signal **reception**
- television **reception**
- reception** diversity
- receptors** (physiology)
- recesses**
- recession**
- recharging**
- reciprocal** theorems
- reciprocating** engines  
        *use* piston engines
- reciprocation**
- reciprocity** theorem
- recirculation**  
        *use* circulation
- recirculative** fluid flow
- dead **reckoning**
- water **reclamation**
- reclamation**
- recognition**
- automatic pattern **recognition**  
    *use* pattern recognition
- character **recognition**
- machine **recognition**  
        *use* artificial intelligence
- pattern **recognition**
- speech **recognition**
- target **recognition**
- recoil** atoms
- recoil** ions
- recoil** protons
- recoilings**
- recombinant** DNA  
        *use* deoxyribonucleic acid
- atomic **recombination**
- electron **recombination**
- electron-ion **recombination**
- ion **recombination**
- oxygen **recombination**
- radiative **recombination**
- recombination** coefficient
- recombination** reactions
- hydrogen **recombinations**
- recommendations**
- recompression**  
        *use* compressing
- reconfigurable** hardware
- Advanced **Reconn** Electric Spacecraft
- reconnaissance**
- aerial **reconnaissance**
- spectral **reconnaissance**
- light armed **reconnaissance** aircraft  
    *use* COIN aircraft
- weather **reconnaissance** aircraft
- Lunar **Reconnaissance** Orbiter
- Mars **Reconnaissance** Orbiter
- reconnaissance** spacecraft
- photo **reconnaissance** spacecraft
- AIRS **(reconnaissance sys)**  
        *use* Airborne Integrated  
        Reconnaissance System
- Airborne Integrated **Reconnaissance** System
- magnetic field **reconnection**
- reconstruction**
- image **reconstruction**
- wave front **reconstruction**
- recorders**
- cable force **recorders**
- data **recorders**
- flight **recorders**



- reentry** breakup
  - use* spacecraft breakup
- reentry** communication
- reentry** decoys
- reentry** effects
- reentry** gliders
  - use* lifting reentry vehicles
- reentry** guidance
- reentry** physics
- reentry** range
- reentry** shielding
- uncontrolled **reentry** (spacecraft)
- reentry** trajectories
  - FDL-5 **reentry** vehicle
  - HL-10 **reentry** vehicle
  - HLD-35 **reentry** vehicle
  - Trailblazer 1 **reentry** vehicle
  - Trailblazer 2 **reentry** vehicle
  - X-17 **reentry** vehicle
  - reentry** vehicles
  - lifting **reentry** vehicles
- low observable **reentry** vehicles
  - model **reference** adaptive control
  - reference** atmospheres
  - axes (**reference** lines)
  - reference** stars
  - reference** systems
  - celestial **reference** systems
  - inertial **reference** systems
  - references** (standards)
    - use* standards
  - refilling**
  - solvent **refined** coal
    - grid **refinement** (mathematics)
    - mesh **refinement** (mathematics)
      - use* grid refinement (mathematics)
  - refining**
  - electroslag **refining**
  - zone **refining**
    - use* zone melting
  - reflectance**
  - bidirectional **reflectance**
  - spectral **reflectance**
    - reflected** radiation
      - use* reflected waves
    - reflected** rays
      - use* reflected waves
    - reflected** waves
    - reflecting** telescopes
    - reflection**
    - infrared **reflection**
    - ionospheric **reflection**
      - use* ionospheric propagation
    - Mach **reflection**
    - optical **reflection**
    - radio **reflection**
      - use* radio echoes
    - signal **reflection**
    - specular **reflection**
    - spread **reflection**
    - ultraviolet **reflection**
    - wave **reflection**
      - reflection** coefficient
        - use* reflectance
      - reflection** nebulae
    - radar **reflections**
      - use* radar echoes
    - reflectivity**
      - use* reflectance
    - bistatic **reflectivity**
    - reflectometers**
    - microwave **reflectometers**
    - Large Deployable **Reflector**
      - reflector** antennas
      - two **reflector** antennas
      - distributed Bragg **reflector** lasers
        - use* DBR lasers
      - Experimental **Reflector** Orbital Shot Proj
  - reflector** satellites
    - use* passive satellites
  - reflectors**
    - Bragg **reflectors**
    - Fresnel **reflectors**
    - parabolic **reflectors**
    - parasitic **reflectors**
      - use* parasitic elements (antennas)
    - radar **reflectors**
    - radar corner **reflectors**
    - solar **reflectors**
    - carotid sinus **reflex**
    - Hering-Breuer **reflex**
    - reflexes**
    - baroreceptor **reflexes**
      - use* baroreflexes
    - conditioned **reflexes**
    - pressoreceptor **reflexes**
      - use* baroreflexes
    - respiratory **reflexes**
    - reforestation**
    - refracted** radiation
      - use* refracted waves
    - refracted** rays
      - use* refracted waves
    - refracted** waves
    - refracting** telescopes
    - refraction**
    - atmospheric **refraction**
    - radio wave **refraction**
    - refractive** index
      - use* refractivity
    - refractivity**
    - Climate Absolute Radiance and **Refractivity** Observatory
      - use* CLARREO (observatory)
    - refractometers**
    - refractories**
    - refractory** coatings
    - refractory** materials
    - refractory** metal alloys
    - refractory** metals
    - refractory** period
    - Refrasil** (trademark)
      - use* fibers
      - silicon dioxide
    - refrigerants**
    - refrigerating**
    - refrigerating** machinery
    - refrigerators**
    - thermoacoustic **refrigerators**
    - Refsat**
    - air to air **refueling**
    - regeneration**
    - regeneration** (engineering)
    - regeneration** (physiology)
    - regenerative** cooling
    - regenerative** cycles
      - use* regeneration (engineering)
    - regenerative** feedback
      - use* positive feedback
    - regenerative** fuel cells
    - regenerators**
    - Regge** poles
    - regimes**
    - Rosby **regimes**
    - Caribbean **region**
    - D **region**
    - E **region**
    - F **region**
    - F 1 **region**
    - F 2 **region**
    - Fraunhofer **region**
      - use* far fields
    - Fresnel **region**
    - lumbar **region**
    - M **region**
    - sciatic **region**
    - solar transition **region**

- stagnation **region**  
*use* stagnation point
- Transition **Region** and Coronal Explorer
- Sand Hills **Region** (GA-NC-SC)
- Sand Hills **Region** (NE)
- Amazon **region** (South America)
- Central Atlantic **Region** (US)
- Central Atlantic **Regional** Ecol Test Site
- First ISCCP **Regional** Experiment  
*use* FIRE (climatology)
- regional** planning
- regions**
- Antarctic **regions**
- Arctic **regions**
- equatorial **regions**
- H I **regions**
- H II **regions**
- polar **regions**
- remote **regions**
- subarctic **regions**
- subtropical **regions**  
*use* temperate regions  
 tropical regions
- temperate **regions**
- tropical **regions**
- registers**
- shift **registers**  
**registers** (air circulation)  
**registers** (computers)
- pattern **registration**
- regolith**
- regression** analysis
- regression** coefficients
- regression** (statistics)  
*use* regression analysis
- regularity**
- self **regulating**  
*use* automatic control
- regulation**  
*use* control
- body temperature **regulation**  
*use* thermoregulation
- frequency **regulation**  
*use* frequency control
- gene **regulation**  
*use* gene expression
- gene expression **regulation**
- heat **regulation**  
*use* temperature control
- speed **regulation**  
*use* speed control
- regulations**
- linear **regulator**  
*use* linear quadratic regulator
- linear quadratic **regulator**
- regulators**
- current **regulators**
- flow **regulators**
- fuel flow **regulators**
- oxygen **regulators**
- plant growth **regulators**
- pressure **regulators**
- speed **regulators**
- voltage **regulators**
- regulatory** mechanisms (biology)
- Regulus** missile
- reheating**  
*use* heating
- reignition**  
*use* ignition
- particulate **reinforced** composites
- boron **reinforced** materials
- reinforced** plastics
- carbon fiber **reinforced** plastics
- glass fiber **reinforced** plastics
- reinforced** plates
- reinforced** shells
- reinforcement**
- metal whisker **reinforcement**  
*use* whisker composites
- reinforcement** (psychology)
- reinforcement** rings
- reinforcement** (structures)
- reinforcing** fibers
- reinforcing** materials
- Reissner-Mindlin** plates  
*use* Mindlin plates
- Reissner-Nordstrom** solution
- Reissner** theory
- rejection**
- heat **rejection** devices  
*use* heat radiators
- Rankine-Hugoniot **relation**
- Tully-Fisher **relation**
- relational** data bases
- employee **relations**
- government/industry **relations**
- human **relations**
- international **relations**
- interpersonal **relations**  
*use* human relations
- public **relations**
- stress-strain-time **relations**
- Solar Terrestrial **Relations** Observatory  
*use* STEREO (observatory)
- Onsager **relationship**
- relationships**
- stress-strain **relationships**
- relative** biological effectiveness (RBE)
- relativistic** effects
- relativistic** electron beams
- relativistic** particles
- relativistic** plasmas
- relativistic** theory
- relativistic** velocity
- relativity**
- muscle **relaxants**
- relaxation**
- chemical **relaxation**  
*use* molecular relaxation
- cross **relaxation**
- magnetic **relaxation**
- molecular **relaxation**
- nuclear **relaxation**
- spin-lattice **relaxation**
- stress **relaxation**
- vibrational **relaxation**  
*use* molecular relaxation
- relaxation** (mechanics)
- relaxation** method (mathematics)
- relaxation** oscillators
- relaxation** (physiology)
- relaxation** time
- relay**
- Relay** 1 satellite
- Relay** 2 satellite
- Relay** satellites
- Tracking and Data **Relay** Satellites  
*use* TDR satellites
- optical **relay** systems
- radio **relay** systems
- electric **relays**
- fiber **release**  
*use* fiber pullout
- store **release**  
*use* external store separation
- Combined **Release** and Radiation Effects Sat  
*use* CRRES (satellite)
- chemical **release** modules
- strain energy **release** rate
- releasing**
- reliability**
- aircraft **reliability**
- circuit **reliability**
- component **reliability**
- computer program **reliability**  
*use* software reliability

- software **reliability**
- spacecraft **reliability**
- structural **reliability**
  - reliability** analysis
- program **reliability** (computers)
  - use* software reliability
- reliability** control
  - use* quality control
  - reliability engineering
- reliability** engineering
- relic** radiation
- relief** maps
- relief** valves
- relieving**
- stress **relieving**
- engine **relight** (in-flight)
  - use* air start
- relocation**
- reluctance**
- reluctivity**
  - use* reluctance
- remagnetization**
  - use* magnetization
- remanence**
- remelting**
  - use* melting
- supernova **remnants**
- remodulation**
- remote** consoles
- remote** control
- remote** handling
- remote** manipulator system
- Space Station **Remote** Manipulator System
  - use* Space Station Mobile Servicing System
- remote** regions
- remote** sensing
- Crop Inventories by **Remote** Sensing
  - use* AgRISTARS project
- NDVI **(remote)** sensing
  - use* normalized difference vegetation index
- remote** sensors
- remotely** piloted vehicles
- removal**
- carbon dioxide **removal**
- grinding (material **removal**)
- paint **removal**
- material **removal** (machining)
  - use* machining
- REMS**
  - use* rapid eye movement state
- renal** calculi
  - use* calculi
  - kidney stones
- renal** function
- rendezvous**
- Earth orbital **rendezvous**
  - (rendezvous)**
  - use* Earth orbital rendezvous
- EOR **(rendezvous)**
  - use* Earth orbital rendezvous
- LOR **(rendezvous)**
  - use* lunar orbital rendezvous
- lunar orbital **rendezvous**
- orbital **rendezvous**
- satellite **rendezvous**
  - use* orbital rendezvous
- space **rendezvous**
- spacecraft **rendezvous**
  - use* space rendezvous
- Comet **Rendezvous** Asteroid Flyby Mission
  - rendezvous** guidance
- Near Earth Asteroid **Rendezvous** Mission
  - rendezvous** spacecraft
  - rendezvous** trajectories
- Rene** 41
- Rene** 63
- Rene** 77
- Rene** 95
- renewable** energy
- plasma **renin**
  - renin** activity
  - use* immunoassay
- renormalization** group methods
- reorientation**
  - use* retraining
- satellite **repair**
  - use* orbital servicing
- repairing**
  - use* maintenance
- self **repairing** devices
- automatic **repeat** query
  - use* automatic repeat request
- automatic **repeat** request
- repeaters**
- soft gamma **repeaters**
- repetition**
- pulse **repetition** rate
- replacing**
- replenishment**
- replicas**
- report** generators
- ice **reporting**
- reports**
- congressional **reports**
- postlaunch **reports**
- Presidential **reports**
- knowledge **representation**
- Mandelstam **representation**
- representations**
- nuclear fuel **reprocessing**
- reproduction**
- breeding **(reproduction)**
- reproduction** (biology)
- reproduction** (copying)
- reproductive** systems
- reptiles**
- Central African **Republic**
- Chinese Peoples **Republic**
  - use* China
- Czech **Republic**
- Dominican **Republic**
- German Democratic **Republic**
  - use* East Germany
- Malagasy **Republic**
  - use* Madagascar
- Serbska **Republic**
- Republic** aircraft
- Republic** of China
  - use* Taiwan
- Democratic **Republic** of Congo
- Federal **Republic** of Germany
  - use* West Germany
- Peoples Democratic **Republic** of Germany
  - use* East Germany
- Republic** of Korea
  - use* South Korea
- Democratic Peoples **Republic** of Korea
  - use* North Korea
- Republic** of South Africa
- Republic** of Vietnam
  - use* Vietnam
- repulsion**
  - use* force
- automatic repeat **request**
- automatic **request** for retransmission
  - use* automatic repeat request
- requirements**
- airworthiness **requirements**
  - use* aircraft reliability
- caloric **requirements**
- energy **requirements**
- nutritional **requirements**
- user **requirements**
- rescue** operations
- Search and **Rescue** Satellite
  - use* SarSat
- research**
- Committee on Space **Research**

- high temperature **research**  
 low density **research**  
 market **research**  
 multidisciplinary **research**  
 nuclear **research**  
 operations **research**  
 supersonic cruise aircraft **research**  
 urban **research**  
**research** aircraft  
 meteorological **research** aircraft  
 Tilt Rotor **Research** Aircraft Program  
 rotor systems **research** aircraft  
**research** and development  
 nuclear **research** and test reactors  
**research** facilities  
 underwater **research** laboratories  
**research** management  
 Geopotential **Research** Mission  
 European Space **Research** Organization  
*use* European Space Agency  
 Indian Space **Research** Organization  
*use* ISRO  
 European Space **Research** Organization sat  
*use* ESA satellites  
 Global Atmospheric **Research** Program  
**research** projects  
 Health Physics **Research** Reactor  
 Upper Atmosphere **Research** Satellite (UARS)  
 Environmental **Research** Satellites  
 Octahedral **Research** Satellites  
*use* Environmental Research  
 Satellites  
**research** vehicles  
 aeroelastic **research** wings  
**reserpine**  
**reserves**  
**reservoirs**  
 pneumatic **reset**  
*use* pneumatic control  
**residential** areas  
**residential** energy  
**residual** gas  
**residual** strength  
**residual** stress  
**residues**  
**resilience**  
**resin** bonding  
**resin** film infusion  
**resin** matrix composites  
**resin** transfer molding  
**resins**  
 acrylic **resins**  
 addition **resins**  
 alkyd **resins**  
 chloroprene **resins**  
 epoxy **resins**  
 furan **resins**  
 ion exchange **resins**  
 methacrylate **resins**  
*use* acrylic resins  
 nylon **resins**  
*use* polyamide resins  
 phenolic **resins**  
 phenolic epoxy **resins**  
 polyamide **resins**  
 polyester **resins**  
 polyether **resins**  
 polyimide **resins**  
 polyurethane **resins**  
 silicone **resins**  
 synthetic **resins**  
 thermoplastic **resins**  
 thermosetting **resins**  
**resistance**  
 abrasion **resistance**  
 contact **resistance**  
 corrosion **resistance**  
 creep **resistance**  
*use* creep strength  
 earthquake **resistance**  
 electrical **resistance**  
 fire **resistance**  
*use* flammability  
 flow **resistance**  
 fracture **resistance**  
*use* fracture strength  
 Hall **resistance**  
 heat **resistance**  
*use* thermal resistance  
 high **resistance**  
 impact **resistance**  
 Kapitza **resistance**  
 low **resistance**  
 moisture **resistance**  
 oxidation **resistance**  
 radiation **resistance**  
*use* radiation tolerance  
 shock **resistance**  
 skin **resistance**  
 thermal **resistance**  
 wave **resistance**  
 wear **resistance**  
 negative **resistance** circuits  
**resistance** coefficients  
*use* resistance  
 negative **resistance** devices  
**resistance** heating  
**resistance** thermometers  
 heat **resistant** alloys  
 earthquake **resistant** structures  
**resistivity**  
*use* electrical resistivity  
 electrical **resistivity**  
**resistojet** engines  
**resistojets**  
*use* resistojet engines  
**resistors**  
 potentiometers (**resistors**)  
 printed **resistors**  
 tunnel **resistors**  
*use* electron tunneling  
 resistors  
**resolution**  
 angular **resolution**  
 automatic traffic advisory and **resolution**  
 high **resolution**  
 image **resolution**  
 radar **resolution**  
 radiometric **resolution**  
 spatial **resolution**  
 spectral **resolution**  
 temporal **resolution**  
**resolution** cell  
 high **resolution** coverage antennas  
 Moderate **Resolution** Imaging Spectroradiometer  
*use* MODIS (radiometry)  
 Advanced Very High **Resolution** Radiometer  
**resolving**  
**resolving** power  
*use* resolution  
**resonance**  
 acoustic **resonance**  
 baryon **resonance**  
 cyclotron **resonance**  
 electron cyclotron **resonance**  
 electron paramagnetic **resonance**  
 electron spin **resonance**  
*use* electron paramagnetic resonance  
 ferromagnetic **resonance**  
 ground **resonance**  
 magnetic **resonance**  
 magnetosonic **resonance**  
 mechanical **resonance**  
*use* resonant vibration  
 meson **resonance**  
 microwave **resonance**  
 nuclear magnetic **resonance**  
 nuclear quadrupole **resonance**

optical **resonance**  
 paramagnetic **resonance**  
 plasma **resonance**  
 proton **resonance**  
 proton magnetic **resonance**  
 spin **resonance**  
 surface plasmon **resonance**  
     **resonance** charge exchange  
 cyclotron **resonance** devices  
     **resonance** fluorescence  
     **resonance** lines  
     **resonance** probes  
     **resonance** radiation  
         *use* resonance fluorescence  
     **resonance** scattering  
 magnetic **resonance** spectroscopy  
     **resonance** testing  
 orbital **resonances** (celestial mechanics)  
     **resonant** cavities  
         *use* cavity resonators  
     **resonant** frequencies  
     **resonant** tunneling  
     **resonant** tunneling diodes  
     **resonant** vibration  
     **resonators**  
     cavity **resonators**  
 Helmholtz **resonators**  
 maser **resonators**  
     *use* masers  
 multimode **resonators**  
 optical **resonators**  
 superconducting cavity **resonators**  
     **resource** allocation  
 Multispectral **Resource** Sampler  
     in situ **resource** utilization  
     ISMU (**resource** utilization)  
         *use* in situ resource utilization  
     ISRU (**resource** utilization)  
         *use* in situ resource utilization  
     **resources**  
     cultural **resources**  
     Earth **resources**  
     educational **resources**  
     extraterrestrial **resources**  
     geothermal **resources**  
     human **resources**  
     Internet **resources**  
     lunar **resources**  
     marine **resources**  
     range **resources**  
     thermal **resources**  
     underwater **resources**  
     water **resources**  
     Earth **Resources** Experiment Package  
         *use* EREP  
     Earth **Resources** Information System  
     **resources** management  
 information **resources** management  
     Earth **Resources** Observation Satellites  
         *use* EROS (satellites)  
     Earth **Resources** Program  
     Earth **resources** shuttle imaging radar  
         *use* Shuttle Imaging Radar  
     Earth **Resources** Survey aircraft  
     Earth **Resources** Survey Program  
     Earth **Resources** Technology Satellite 1  
         *use* Landsat 1  
     Earth **Resources** Technology Satellite B  
         *use* Landsat 2  
     Earth **Resources** Technology Satellite C  
         *use* Landsat 3  
     Earth **Resources** Technology Satellite D  
         *use* Landsat 4  
     Earth **Resources** Technology Satellite E  
         *use* Landsat E  
     Earth **Resources** Technology Satellite F  
         *use* Landsat F  
     Earth **Resources** Technology Satellites  
         *use* Landsat satellites

**respiration**  
 artificial **respiration**  
     *use* resuscitation  
**respirators**  
**respiratory** diseases  
**respiratory** impedance  
**respiratory** physiology  
**respiratory** rate  
**respiratory** reflexes  
**respiratory** system  
**respirometers**  
**responders**  
     *use* transponders  
 dynamic **response**  
 electrodermal **response**  
     *use* galvanic skin response  
 frequency **response**  
 galvanic skin **response**  
     modal **response**  
     phase **response**  
         *use* frequency response  
         phase shift  
 spectral **response**  
     *use* spectral sensitivity  
 time **response**  
 transient **response**  
     **response** bias  
 finite impulse **response** filters  
     *use* FIR filters  
 infinite impulse **response** filters  
     *use* IIR filters  
 evoked **response** (psychophysiology)  
     **response** time (computers)  
**responses**  
 conditioned **responses**  
     *use* conditioning (learning)  
 hemodynamic **responses**  
 physiological **responses**  
     **rest**  
     bed **rest**  
     work- **rest** cycle  
     **restartable** rocket engines  
     **restoration**  
 air bag **restraint** devices  
**restraints**  
     *use* constraints  
**restrictions**  
     *use* constrictions  
 chokes (**restrictions**)  
**resultants**  
**resuscitation**  
**retaining**  
**retardants**  
 fire **retardants**  
     *use* flame retardants  
 flame **retardants**  
**retarders**  
**retarders** (devices)  
**retarding**  
**retarding** ion mass spectrometers  
     *use* mass spectrometers  
**retention**  
 solvent **retention**  
**retention** (psychology)  
**reticles**  
**reticulocytes**  
 endoplasmic **reticulum**  
 sarcoplasmic **reticulum**  
**retina**  
**retinal** adaptation  
**retinal** images  
**retinene**  
**retirement**  
**retirement** for cause  
**RETORC** (torpedoes)  
     *use* torpedoes  
**retort** processing  
**retractable** equipment

- retractable** landing gear
    - use* landing gear
    - retractable equipment
  - retraining**
  - automatic request for **retransmission**
    - use* automatic repeat request
  - European **Retrievable Carrier**
    - use* Eureka (ESA)
  - retrieval**
    - data **retrieval**
    - information **retrieval**
    - payload **retrieval** (STS)
  - payload deployment & **retrieval** system
  - retroaction**
    - use* retrothrust
  - modulating **retrodirective** optics
    - use* Mimos system
  - retrofiring**
  - retrofitting**
  - acoustic **retrofitting**
  - retrograde** orbits
  - retroreflection**
  - retroreflectors**
  - lunar **retroreflectors**
  - retrorocket** engines
  - retrothrust**
  - return** beam vidicons
  - Mars Rover Sample **Return** Mission
    - use* Mars sample return missions
  - Mars sample **return** missions
  - sample **return** missions
  - return** to Earth space flight
  - Assured Crew **Return** Vehicle
  - X-38 crew **return** vehicle
  - reusable** heat shielding
  - X-33 **reusable** launch vehicle
  - X-34 **reusable** launch vehicle
  - reusable** launch vehicles
  - reusable** rocket engines
  - reusable** spacecraft
  - MARS (Manned **Reusable** Spacecraft)
  - Manned Aerodynamic **Reusable** Spaceship
    - use* MARS (Manned Reusable Spacecraft)
  - reuse**
  - frequency **reuse**
  - software **reuse**
  - revenue**
  - reverberation**
  - reverberation** chambers
  - thrust **reversal**
  - reverse** engineering
  - reverse** field pinch
  - reverse** osmosis
  - reverse** time
    - use* reaction time
  - reversed** flow
  - reversing**
  - program evaluation **review** technique
    - use* PERT
  - graphic evaluation and **review** techniques
    - use* GERT
  - reviewing**
  - revisions**
  - bodies of **revolution**
  - revolution** (motion)
    - use* revolving
  - revolving**
  - reward** (psychology)
  - Reynolds** averaging
  - Reynolds** equation
  - Reynolds** law
    - use* Reynolds equation
  - Reynolds** number
  - critical **Reynolds** number
    - use* Reynolds number
  - high **Reynolds** number
  - low **Reynolds** number
  - Reynolds** stress
- RF-4** aircraft
    - use* F-4 aircraft
  - RF-8** aircraft
    - use* F-8 aircraft
  - RFI** (composite materials)
    - use* resin film infusion
  - RH-2** helicopter
    - use* UH-1 helicopter
  - Rhea** (astronomy)
  - rhений**
  - rhений** alloys
  - rhений** compounds
  - rhений** isotopes
  - rheocasting**
  - rheoelectrical** simulation
  - rheoencephalography**
  - rheology**
  - rheometers**
  - Rhesus** factor
  - rheumatic** diseases
  - rhizopus**
  - rho**-mesons
  - rhodamine**
  - Rhode** Island
  - Rhodesia**
    - use* Zimbabwe
  - rhodium**
  - rhodium** 102
    - use* rhodium isotopes
  - rhodium** 106
    - use* rhodium isotopes
  - rhodium** alloys
  - rhodium** compounds
  - rhodium** isotopes
  - rhombic** antennas
  - rhombohedrons**
  - rhomboids**
  - Rhone** Delta (France)
  - rhyolite**
  - rhythm**
  - biological **rhythm**
    - use* rhythm (biology)
  - rhythm** (biology)
  - circadian **rhythms**
  - diurnal **rhythms**
    - use* circadian rhythms
  - Block Island Sound **(RI)**
  - ribbon** parachutes
  - ribbons**
  - riblets**
  - riboflavin**
  - ribonucleic** acids
  - ribose**
  - ribosomal** RNA
    - use* ribonucleic acids
  - ribosomes**
  - ribs** (supports)
  - Costa **Rica**
  - Riccati** equation
  - rice**
  - Richards** theorem
  - Richardson-Dushman** equation
    - use* temperature effects
    - thermionic emission
  - Richardson** number
  - Puerto **Rico**
  - beam **rider** guidance
  - Oak **Ridge** isochronous cyclotron
  - ridges**
  - mid-ocean **ridges**
  - mid-oceanic **ridges**
    - use* mid-ocean ridges
  - pressure **ridges**
    - use* pressure ice
  - riding** quality
  - Cauchy-**Riemann** equations
  - Riemann** integral
    - use* measure and integration
  - Riemann** manifold

- Riemann** problem
  - use* Cauchy problem
- Riemann** space
  - use* Riemann manifold
- Riemann** sphere
  - use* Riemann manifold
- Riemann** waves
- Riesz** theorem
- rifles**
- RIFT** (reactor in flight test)
- African **rift** system
- rift** valleys
  - use* valleys
- rifts**
  - use* geological faults
- rigging**
- rigid** bodies
  - use* rigid structures
- rigid** mounting
- rigid** rotor helicopters
- rigid** rotors
- rigid** rotors (plasma physics)
- rigid** structures
- rigid** wings
- rigidity**
- magnetic **rigidity**
- structural **rigidity**
  - use* structural stability
- rills**
  - use* valleys
- rims**
- electron **ring** accelerators
  - use* storage rings (particle accelerators)
- ring** currents
- tree **ring** dating
  - use* dendrochronology
- ring** discharge
- ring** galaxies
- ring** lasers
- O **ring** seals
- ring** structures
- ring** wings
- Ringleb** flow
- rings**
- Jupiter **rings**
- planetary **rings**
- plasma **rings**
  - use* toroidal plasmas
- reinforcement **rings**
- Saturn **rings**
- Uranus **rings**
- vortex **rings**
  - rings** (mathematics)
- storage **rings** (particle accelerators)
- Rio** Grande (North America)
- riometers**
- Ostwald **ripening**
- ripples**
- RISC** processors
- risers**
- risk**
  - risk** assessment
  - risk** management
- RIT** engines
- Ritz** averaging method
- Rayleigh-**Ritz** method
- Chena **River** Basin (AK)
- Feather **River** Basin (CA)
- Columbia **River** Basin (ID-OR-WA)
- Wabash **River** Basin (IL-IN-OH)
- Atchafalaya **River** Basin (LA)
- Susquehanna **River** Basin (MD-NY-PA)
- Delaware **River** Basin (US)
- Missouri **River** Basin (US)
  - river** basins
- Colorado **River** (North America)
- Hudson **River** (NY-NJ)
- Wind **River** Range (WY)
- Mississippi **River** (US)
- Missouri **River** (US)
  - Ohio **River** (US)
- Potomac **River** Valley (MD-VA-WV)
- rivers**
- riveted** joints
- riveting**
- rivets**
- RL-10** engines
- RL-10-A-1** engine
- RL-10-A-3** engine
- RL** circuits
- RLC** circuits
- RLC** networks
  - use* RLC circuits
- LR-62-**RM-2** engine
- messenger **RNA**
  - use* ribonucleic acids
- ribosomal **RNA**
  - use* ribonucleic acids
- transfer **RNA**
  - use* ribonucleic acids
- roads**
- roadway** powered vehicles
- roasting**
- Poynting-**Robertson** effect
- ROBIN** balloons
- robot** arms
- robot** control
- robot** dynamics
- robot** fingers
  - use* end effectors
- robot** hands
  - use* end effectors
- robot** motion
  - use* robot dynamics
- robot** sensors
- robotics**
- arms **(robotics)**
  - use* robot arms
- fingers **(robotics)**
  - use* end effectors
- hands **(robotics)**
  - use* end effectors
- tactile sensors **(robotics)**
- task planning **(robotics)**
- torque sensors **(robotics)**
- robots**
- robustness** (mathematics)
- Roche** limit
- wing **rock**
  - rock** bolts
  - rock** intrusions
  - rock** mechanics
  - rock** salt
    - use* halites
- Aries sounding **rocket**
- Black Brant 1 sounding **rocket**
- Black Brant 2 sounding **rocket**
- Black Brant 3 sounding **rocket**
- Black Brant 4 sounding **rocket**
- Black Brant 5 sounding **rocket**
- Echo 1 carrier **rocket**
  - use* Thor Delta launch vehicle
- EXOS sounding **rocket**
- Judi-Dart **rocket**
- Petrel sounding **rocket**
- Phoenix sounding **rocket**
- Space Processing Applications **Rocket**
- SPAR **(rocket)**
  - use* Space Processing Applications Rocket
- Variable Specific Impulse Magnetoplasma **Rocket**
  - use* VASIMR (propulsion system)
- WASP sounding **rocket**
  - rocket**-based combined-cycle engines
- solid **rocket** binders

- rocket** boosters
  - use* booster rocket engines
- Solid **Rocket** Boosters (Space Shuttle)
  - use* Space Shuttle Boosters
- SRB (Solid **Rocket** Boosters)
  - use* Space Shuttle Boosters
- rocket**-borne instruments
- rocket**-borne photography
- rocket** catapults
- rocket** chambers
  - use* thrust chambers
- rocket** engine 9KS-11000
- rocket** engine cases
- rocket** engine control
- rocket** engine design
- F-1 **rocket** engine
- rocket** engine noise
- SL-3 **rocket** engine
- rocket** engines
- booster **rocket** engines
- ducted **rocket** engines
- electric **rocket** engines
- electromagnetic **rocket** engines
  - use* plasma engines
- HEUS **rocket** engines
- hot water **rocket** engines
- hybrid **rocket** engines
- hybrid propellant **rocket** engines
- liquid oxygen hydrocarbon **rocket** engines
  - use* oxygen-hydrocarbon rocket engines
- liquid propellant **rocket** engines
- lithergol **rocket** engines
- LOX-hydrocarbon **rocket** engines
  - use* oxygen-hydrocarbon rocket engines
- Nike booster **rocket** engines
- nozzleless **rocket** engines
- nuclear **rocket** engines
- oxygen-hydrocarbon **rocket** engines
- PIT (**rocket** engines)
  - use* pulsed inductive thrusters
- PPT (**rocket** engines)
  - use* pulsed plasma thrusters
- restartable **rocket** engines
- reusable **rocket** engines
- solid propellant **rocket** engines
- sustainer **rocket** engines
- ullage **rocket** engines
- upper stage **rocket** engines
  - rocket** exhaust
  - rocket** firing
  - rocket** flight
- automatic **rocket** impact predictors
  - use* computerized simulation impact prediction
- rocket** launchers
- rocket** launching
- rocket** linings
- rocket** motor cases
  - use* rocket engine cases
- Advanced Solid **Rocket** Motor (STS)
- Space Shuttle Solid **Rocket** Motors
  - use* Space Shuttle Boosters
- rocket** nose cones
- rocket** nozzles
- rocket** oxidizers
- rocket** planes
- rocket** propellant tanks
  - use* propellant tanks
- rocket** propellants
- cryogenic **rocket** propellants
- double base **rocket** propellants
- gaseous **rocket** propellants
- gelled **rocket** propellants
- hypergolic **rocket** propellants
- liquid **rocket** propellants
- RP-1 **rocket** propellants
- solid **rocket** propellants
- rocket** propelled sleds
- integral **rocket** ramjets
- KIWI **rocket** reactors
  - use* KIWI reactors
- rocket** sondes
  - use* sounding rockets
- rocket** sounding
- rocket** test facilities
- SERT (**rocket** tests)
  - use* space electric rocket tests
- space electric **rocket** tests
- rocket** thrust
- spinning unguided **rocket** trajectory
- Aerobee **rocket** vehicle
- Agema A **rocket** vehicle
- Agema B **rocket** vehicle
- Agema C **rocket** vehicle
- Agema D **rocket** vehicle
- Antares **rocket** vehicle
- Apache **rocket** vehicle
- Arcon **rocket** vehicle
- Astrobee 1500 **rocket** vehicle
- Athena **rocket** vehicle
- Berenice **rocket** vehicle
- Black Knight **rocket** vehicle
- Blue Scout **rocket** vehicle
- Cajun **rocket** vehicle
- Dornier paraglider **rocket** vehicle
- FFAR **rocket** vehicle
  - use* Folding Fin aircraft rocket vehicle
- Folding Fin aircraft **rocket** vehicle
- Genie **rocket** vehicle
- Honest John **rocket** vehicle
- Hyla-Star **rocket** vehicle
- Jabiru **rocket** vehicle
  - use* Jaguar rocket vehicle
- Jaguar **rocket** vehicle
- Javelin **rocket** vehicle
- Jupiter C **rocket** vehicle
- Kappa 8 **rocket** vehicle
- Kappa 9 **rocket** vehicle
- Little John **rocket** vehicle
- Loki **rocket** vehicle
- MB-1 **rocket** vehicle
  - use* Genie rocket vehicle
- Meteor 1 **rocket** vehicle
- Nike-Apache **rocket** vehicle
- Nike-Cajun **rocket** vehicle
- Nike-Hydac **rocket** vehicle
- Nike-Iroquois **rocket** vehicle
- Nike-Javelin **rocket** vehicle
- Nike-Tomahawk **rocket** vehicle
- Rubis **rocket** vehicle
- Skylark **rocket** vehicle
- Thor Able **rocket** vehicle
- Trailblazer 1 **rocket** vehicle
  - use* Trailblazer 1 reentry vehicle
- Trailblazer 2 **rocket** vehicle
  - use* Trailblazer 2 reentry vehicle
- Vega **rocket** vehicle
  - use* Vega launch vehicle
- Venus fly trap **rocket** vehicle
- Viking **rocket** vehicle
- Zuni **rocket** vehicle
- rocket** vehicles
- Agema **rocket** vehicles
- Arcas **rocket** vehicles
- Argo **rocket** vehicles
- Astrobee **rocket** vehicles
- hovering **rocket** vehicles
- Kappa **rocket** vehicles
- Lambda **rocket** vehicles
- multistage **rocket** vehicles
- Nike **rocket** vehicles
- nuclear engine for **rocket** vehicles
- single stage **rocket** vehicles
- Skua **rocket** vehicles
- Veronique **rocket** vehicles
- rockets**

**rockets**

air to air **rockets**  
*use* air to air missiles

Black Brant sounding **rockets**  
 booster **rockets**  
 carrier **rockets**  
*use* launch vehicles

control **rockets**  
 escape **rockets**

meteorological **rockets**  
*use* sounding rockets

Nike **rockets**  
 sounding **rockets**  
 staging **(rockets)**  
*use* stage separation

steering **rockets**  
*use* control rockets

surface to surface **rockets**  
 Vertikal **rockets**  
**rockoons**  
**rocks**

carbonaceous **rocks**  
 igneous **rocks**  
 lunar **rocks**  
 metamorphic **rocks**  
 sedimentary **rocks**  
 stones **(rocks)**  
*use* rocks

**Rockwell** hardness  
**Rocky** Mountains (North America)  
**rodents**  
**rods**

control **rods**  
**Roe** flux difference splitting scheme  
*use* flux difference splitting

**Roentgen** satellite  
*use* ROSAT mission

**Rogallo** wings  
*use* flexible wings  
 folding structures

**rogue** planets  
*use* hypothetical planets

Arend- **Roland** comet  
 multi- **role** combat aircraft  
*use* MRCA aircraft

**roll**

damping in **roll**  
*use* damping

**roll** control  
*use* lateral control

**roll** forming  
**roller** bearings  
**rollers**  
**rolling**

cold **rolling**  
**rolling** contact loads  
**rolling** moments  
**rollup** solar arrays  
*use* solar arrays

CD- **ROM**  
**ROM** devices  
*use* read-only memory devices

**Romania**  
**Ronchi** test

**roofs**  
**room** temperature  
**rooms**

clean **rooms**  
**root-mean-square** errors  
**roots**

plant **roots**  
 wing **roots**  
**roots** of equations

cables **(ropes)**  
**Rorschach** tests  
**ROSAT** mission  
**Rosetta** mission  
**rosette** shapes  
**Roshko** prediction  
**rosin**

**Ross** ice shelf  
**Rossby** regimes  
**Rossby** waves  
*use* planetary waves

**Rossi** X Ray Timing Explorer  
*use* X Ray Timing Explorer

**rotary** drives  
*use* mechanical drives

**rotary** engines  
**rotary** gyroscopes  
**rotary** stability  
**rotary** wing aircraft  
**rotary** wings

**rotating**  
*use* rotation

**rotating** bodies  
**rotating** cylinders  
**rotating** disks  
**rotating** electrical machines  
**rotating** environments  
**rotating** fluids  
**rotating** generators  
**rotating** liquids  
**rotating** matter  
**rotating** mirrors  
**rotating** plasmas  
**rotating** shafts  
**rotating** spheres  
**rotating** stalls  
**rotating** vehicles  
*use* rotating bodies  
 vehicles

counter- **rotating** wheels  
**rotation**

axes of **rotation**  
 Carrington **rotation**  
*use* solar rotation

clinostat **rotation**  
*use* clinorotation

counter **rotation**  
 Earth **rotation**  
 Faraday **rotation**  
*use* Faraday effect

galactic **rotation**  
 image **rotation**  
 liquid **rotation**  
*use* rotating liquids

lunar **rotation**  
 molecular **rotation**  
 muon spin **rotation**  
 planetary **rotation**  
 satellite **rotation**  
 solar **rotation**  
 solid **rotation**  
*use* rotating bodies

stellar **rotation**  
**rotational** flow  
*use* fluid flow  
 vortices

**rotational** spectra  
**rotational** states  
**Rotifera**  
**rotochutes**  
**rotons**  
**rotor** aerodynamics

tilt **rotor** aircraft  
**rotor** blades

hinged **rotor** blades  
*use* hinges  
 rotary wings

**rotor** blades (turbomachinery)  
**rotor** body interactions  
**rotor** disks  
*use* turbine wheels  
**rotor** dynamics  
 fluid **rotor** gyroscopes  
 rigid **rotor** helicopters  
 tandem **rotor** helicopters

- rotor** hubs
  - use* hubs
  - rotors
- rotor** lift
- Tilt **Rotor** Research Aircraft Program
- rotor** speed
- rotor** stator interactions
- rotor** systems research aircraft
- rotorcraft**
  - use* rotary wing aircraft
- rotordynamics**
  - use* rotor dynamics
- rotors**
  - bearingless **rotors**
  - circulation control **rotors**
  - compressor **rotors**
  - helicopter **rotors**
    - use* rotary wings
  - helicopter tail **rotors**
  - hingeless **rotors**
    - use* rigid rotors
  - lifting **rotors**
  - rigid **rotors**
  - tail **rotors**
  - tilting **rotors**
  - tip driven **rotors**
  - wave **rotors**
  - x wing **rotors**
  - rigid **rotors** (plasma physics)
- roughness**
  - sea **roughness**
  - surface **roughness**
  - surface **roughness** effects
- round** trip trajectories
- Rouse** belts
- automated en **route** ATC
- routes**
- routines**
  - assembler **routines**
  - data conversion **routines**
  - input/output **routines**
  - merging **routines**
  - editing **routines** (computers)
- Rover** project
- Mars **Rover** Sample Return Mission
  - use* Mars sample return missions
- roving** vehicles
- extraterrestrial **roving** vehicles
  - use* roving vehicles
- lunar **roving** vehicles
- Lunokhod lunar **roving** vehicles
- Mars **roving** vehicles
- Marsokhod Mars **roving** vehicles
- rovings**
- Rowland** circles
- RP-1** rocket propellants
- RPV**
  - use* remotely piloted vehicles
- RS** codes
  - use* Reed-Solomon codes
- experimental STOL transport **rsch** airplane
  - use* Questol aircraft
- RTM** (composite materials)
  - use* resin transfer molding
- RTV-40** rubber (trademark)
- RTV-60** rubber (trademark)
- Ruanda-Urundi**
  - use* Burundi
  - Rwanda
- rubber**
  - silicone **rubber**
  - rubber** coatings
  - RTV-40 **rubber** (trademark)
  - RTV-60 **rubber** (trademark)
  - Viton **rubber** (trademark)
- synthetic **rubbers**
- rubidium**
- rubidium** 86
- rubidium** compounds
- rubidium** isotopes
- Rubis** rocket vehicle
- ruby**
- ruby** lasers
- rudders**
  - aerial **rudders**
  - marine **rudders**
- Okazaki-Levy- **Rudenko** comet
- ruggedness**
- Miner **rule**
  - use* Palmgren-Miner rule
- Palmgren-Miner **rule**
- phase **rule**
- Whitham **rule**
- ruler** method
- rules**
  - flight **rules**
  - IFR **(rules)**
    - use* instrument flight rules
  - instrument flight **rules**
  - sum **rules**
  - VFR **(rules)**
    - use* visual flight rules
  - visual flight **rules**
  - selection **rules** (nuclear physics)
- Rumania**
  - use* Romania
- run** time (computers)
- electron **runaway** (plasma physics)
- Schumann- **Runge** bands
- Runge-Kutta** method
- running**
- water **runoff**
- runoffs**
  - use* drainage
- takeoff **runs**
- aircraft **runup**
- runway** alignment
- runway** conditions
- runway** incursions
- runway** lights
- runways**
- creep **rupture** strength
- stress **rupture** strength
  - use* creep rupture strength
- rupturing**
- rural** areas
- rural** land use
- Hertzsprung- **Russell** diagram
- Russia**
  - use* Russian Federation
- Russian** Federation
- Russian** Space Program
- rust** fungi
- rusting**
- rusts** (botany)
  - use* rust fungi
- ruthenium**
- ruthenium** 106
  - use* ruthenium isotopes
- ruthenium** alloys
- ruthenium** compounds
- ruthenium** isotopes
- rutherfordium**
- rutile**
- Rwanda**
- RXTE** (satellite)
  - use* X Ray Timing Explorer
- Ryan** aircraft
- Rydberg** series

## S

- Saturn **S-1** stage
- Saturn **S-1B** stage
- Saturn **S-1C** stage
  - S-2** aircraft
- Snow **S-2** aircraft
  - use* agricultural aircraft
- Saturn **S-2** stage
- Snow aerial applicator aircraft **S-2B**
  - use* agricultural aircraft
  - S-3** aircraft
  - S-3** satellite
    - use* Explorer 12 satellite
- Saturn **S-4** stage
- Saturn **S-4B** stage
  - S-6** satellite
    - use* Explorer 17 satellite
  - S-16** satellite
    - use* OSO-1
  - S-17** satellite
    - use* OSO-2
  - S-18** satellite
    - use* OAO
  - S-27** satellite
    - use* Alouette 1 satellite
- Beech **S-35** aircraft
  - use* C-35 aircraft
- S-49** satellite
  - use* OGO-A
- S-50** satellite
  - use* OGO-C
- S-51** satellite
  - use* Ariel 1 satellite
- S-52** satellite
  - use* Ariel 2 satellite
- S-57** satellite
  - use* OSO-C
- S-58** helicopter
- Sikorsky **S-58** helicopter
  - use* S-58 helicopter
- S-61** helicopter
- Sikorsky **S-61** helicopter
  - use* S-61 helicopter
- S-64** helicopter
  - use* CH-54 helicopter
- Sikorsky **S-64** helicopter
  - use* CH-54 helicopter
- Sikorsky **S-65** helicopter
  - use* H-53 helicopter
- S-66** satellite
  - use* Beacon Explorer A
- S-67** helicopter
- Sikorsky **S-67** helicopter
  - use* S-67 helicopter
- S-74** satellite
  - use* Explorer 18 satellite
- S-A-W** devices
  - use* surface acoustic wave devices
- S** band
  - use* superhigh frequencies
  - ultrahigh frequencies
- unified **S** band
- S** curves
- S** glass
- HAL/ **S** (language)
- S** matrix theory
- S-N** diagrams
- S** stars
- S** waves
- S-Z** effect
  - use* Sunyaev-Zeldovich effect
- Integrated Truss Structure **S1**
  - Saturn 1 **SA-1** launch vehicle
  - Saturn 1 **SA-2** launch vehicle
  - Saturn 1 **SA-3** launch vehicle
  - Saturn 1 **SA-4** launch vehicle
  - Saturn 1 **SA-5** launch vehicle
  - Saturn 1 **SA-6** launch vehicle
  - Saturn 1 **SA-7** launch vehicle
  - Saturn 1 **SA-8** launch vehicle
  - Saturn 1 **SA-9** launch vehicle
  - Saturn 1 **SA-10** launch vehicle
- Sud Aviation **SA-321** helicopter
  - use* SA-321 helicopter
- Sud Aviation **SA-330** helicopter
  - use* SA-330 helicopter
- Saab** 37 aircraft
- Saab** 105 aircraft
- Saab** aircraft
- Sabatier** reaction
- Sabot** projectiles
- sabotage**
- Sabre** aircraft
  - use* F-86 aircraft
- Super **Sabre** aircraft
  - use* F-100 aircraft
- Sabreliner** aircraft
  - use* T-39 aircraft
- Saccadic** eye movements
- saccharides**
  - use* carbohydrates
- saccharomyces**
- Sacramento** Valley (CA)
- saddle** points
- saddle** points (game theory)
- saddles**
- saddles** (supports)
- Saenger** space transportation system
- fail-**safe** systems
- Safeguard** system
- safety**
- aerospace **safety**
- aircraft **safety**
- flight **safety**
- industrial **safety**
- range **safety**
- reactor **safety**
  - safety** devices
  - safety** factors
- toxicity and **safety**
  - hazard
  - management
- SAGE** air defense system
- SAGE** satellite
- Saginaw** Bay (MI)
- Sagittarius** constellation
- Sagnac** effect
- Saha** equations
- Spanish **Sahara**
  - Sahara** Desert (Africa)
- SAIL** project
- sailplanes**
  - use* gliders
- sails**
- field **sails**
  - use* magnetic sails
- magnetic **sails**
- solar **sails**
- sailwings**
- Princeton **sailwings**
  - use* sailwings
- Saint** Elmo fire
- Saint** Venant flexure problem
  - use* Saint Venant principle
- Saint** Venant principle
- Weinberg-**Salam** Gauge Model
  - use* electroweak model
- traveling **salesman** problem
- salicylates**
- sodium **salicylates**
- salinity**
- saliva**
- salivary** glands
- salmonella**
- Bethe-**Salpeter** equation

rock	<b>salt</b> <i>use</i> halites		<b>saprophytes</b>
	<b>salt</b> baths		<b>sarcina</b>
	<b>salt</b> beds		<b>sarcoma</b> <i>use</i> cancer
molten	<b>salt</b> electrolytes		<b>sarcoplasmic</b> reticulum
	<b>salt</b> flats <i>use</i> flats (landforms)		<b>Sargasso</b> Sea
Great	<b>Salt</b> Lake (UT)		<b>SarSat</b>
molten	<b>salt</b> nuclear reactors		<b>SAS</b>
	<b>salt</b> spray tests		<b>SAS-1</b>
	<b>Salton</b> Sea (CA)		<b>SAS-2</b>
	<b>salts</b>		<b>SAS-3</b>
molten	<b>salts</b>		<b>SAS-D</b> <i>use</i> IUE
organic charge transfer	<b>salts</b>		<b>Saskatchewan</b>
El	<b>Salvador</b>	Advanced Communications Technology	<b>Sat</b> <i>use</i> ACTS
	<b>Salyut</b> space station	Combined Release and Radiation	Effects <b>Sat</b> <i>use</i> CRRES (satellite)
	<b>Samaritan</b> aircraft <i>use</i> C-131 aircraft		European Space Research Organization <b>sat</b> <i>use</i> ESA satellites
	<b>samarium</b>		L- <b>Sat</b>
	<b>samarium</b> compounds	Tropical Rainfall Measuring Mission	<b>sat</b> <i>use</i> TRMM satellite
	<b>samarium</b> isotopes	National Operational Environmental	<b>Sat</b> Sys <i>use</i> NOESS
	<b>Samoa</b>		<b>SATAN</b> (sensor) <i>use</i> terrain analysis
	<b>Samos</b>		RCA <b>Satcom</b> satellites
Mars Rover	<b>Sample</b> Return Mission <i>use</i> Mars sample return missions	A-11	<b>satellite</b> <i>use</i> Echo 1 satellite
	<b>sample</b> return missions	A-12	<b>satellite</b> <i>use</i> Echo 2 satellite
Mars	<b>sample</b> return missions	ACE	<b>satellite</b> <i>use</i> Advanced Composition Explorer
Multispectral Resource	<b>sampled</b> data systems	AD-A	<b>satellite</b> <i>use</i> Explorer 19 satellite
	<b>Sampler</b>	AD/I	<b>satellite</b> <i>use</i> Explorer 24 satellite
	<b>samplers</b>	AE-A	<b>satellite</b> <i>use</i> Explorer 17 satellite
bombs	<b>(samplers)</b> <i>use</i> samplers	AE-B	<b>satellite</b> <i>use</i> Explorer 32 satellite
	<b>samples</b>	AE-C	<b>satellite</b> <i>use</i> Explorer 51 satellite
Mars surface	<b>samples</b>	AE-D	<b>satellite</b> <i>use</i> Explorer 54 satellite
	<b>sampling</b>	AE-E	<b>satellite</b> <i>use</i> Explorer 55 satellite
air	<b>sampling</b>	AEROS	<b>satellite</b>
core	<b>sampling</b>	Akebono	<b>satellite</b> <i>use</i> EXOS-D satellite
data	<b>sampling</b>	Alouette 1	<b>satellite</b>
particulate	<b>sampling</b>	Alouette 2	<b>satellite</b>
random	<b>sampling</b>	Alouette B	<b>satellite</b>
soil	<b>sampling</b>	Arabian commercial	<b>satellite</b> <i>use</i> Arcomsat
water	<b>sampling</b> devices <i>use</i> samplers	Ariel 1	<b>satellite</b>
Global Air	<b>Sampling</b> Program	Ariel 2	<b>satellite</b>
	<b>San</b> Andreas Fault	Ariel 3	<b>satellite</b>
	<b>San</b> Andreas Fault experiment	Ariel 4	<b>satellite</b>
	<b>San</b> Francisco Bay (CA)	Ariel 5	<b>satellite</b>
	<b>San</b> Francisco (CA)	Astronomical Netherlands	<b>Satellite</b> Azur BESS (satellite)
	<b>San</b> Joaquin Valley (CA)	Biomedical Experiment Scientific	<b>Satellite</b> <i>use</i> BESS (satellite)
	<b>San</b> Juan Mountains (CO)	CALIPSO (Pathfinder	<b>satellite</b> )
	<b>San</b> Marco 1 satellite	Cannonball 2	<b>satellite</b>
	<b>San</b> Marco 2 satellite	Communications Technology	<b>Satellite</b>
	<b>San</b> Marco 3 satellite	COS-B	<b>satellite</b>
	<b>San</b> Marco satellites	Cosmic Background Explorer	<b>satellite</b>
	<b>San</b> Marino	Cosmos 2	<b>satellite</b>
	<b>San</b> Pablo Bay (CA)	Cosmos 3	<b>satellite</b>
	<b>sand</b> casting	Cosmos 5	<b>satellite</b>
	<b>sand</b> dunes <i>use</i> dunes	Cosmos 6	<b>satellite</b>
	<b>Sand</b> Hills Region (GA-NC-SC)	Cosmos 14	<b>satellite</b>
	<b>Sand</b> Hills Region (NE)	Cosmos 44	<b>satellite</b>
	<b>Sandpiper</b> target missile	Cosmos 54	<b>satellite</b>
	<b>sands</b>		
monazite	<b>sands</b>		
tar	<b>sands</b>		
	<b>sandstones</b>		
	<b>sandwich</b> construction <i>use</i> sandwich structures		
	<b>sandwich</b> structures		
	<b>Sanger</b> space transportation system <i>use</i> Saenger space transportation system		
	<b>sanitation</b>		
	<b>Santowax</b> (trademark)		
	<b>sapphire</b>		
silicon-on-	<b>sapphire</b> junctions		
silicon-on-	<b>sapphire</b> semiconductors		
silicon-on-	<b>sapphire</b> transistors		

Cosmos 71	<b>satellite</b>	Explorer 23	<b>satellite</b>
Cosmos 110	<b>satellite</b>	Explorer 24	<b>satellite</b>
Cosmos 137	<b>satellite</b>	Explorer 25	<b>satellite</b>
Cosmos 144	<b>satellite</b>	Explorer 26	<b>satellite</b>
Cosmos 149	<b>satellite</b>	Explorer 27	<b>satellite</b>
Cosmos 166	<b>satellite</b>	Explorer 28	<b>satellite</b>
Cosmos 186	<b>satellite</b>	Explorer 29	<b>satellite</b>
Cosmos 188	<b>satellite</b>	Explorer 30	<b>satellite</b>
Cosmos 206	<b>satellite</b>	Explorer 31	<b>satellite</b>
Cosmos 213	<b>satellite</b>	Explorer 32	<b>satellite</b>
Cosmos 224	<b>satellite</b>	Explorer 33	<b>satellite</b>
Cosmos 225	<b>satellite</b>	Explorer 34	<b>satellite</b>
Cosmos 381	<b>satellite</b>	Explorer 35	<b>satellite</b>
Cosmos 782	<b>satellite</b>	Explorer 36	<b>satellite</b>
Cosmos 936	<b>satellite</b>	Explorer 37	<b>satellite</b>
Cosmos 954	<b>satellite</b>	Explorer 38	<b>satellite</b>
Cosmos 1129	<b>satellite</b>	Explorer 39	<b>satellite</b>
Courier	<b>satellite</b>	Explorer 40	<b>satellite</b>
CRRES	<b>(satellite)</b>	Explorer 41	<b>satellite</b>
D-1	<b>satellite</b>	Explorer 42	<b>satellite</b>
D-2B	<b>satellite</b>		<i>use</i> Uhuru satellite
	<i>use</i> D-2 satellites	Explorer 43	<b>satellite</b>
DIAL	<b>satellite</b>	Explorer 44	<b>satellite</b>
DME-A	<b>satellite</b>	Explorer 45	<b>satellite</b>
	<i>use</i> Explorer 31 satellite	Explorer 46	<b>satellite</b>
Dodge	<b>satellite</b>	Explorer 47	<b>satellite</b>
Dynamics Explorer 1	<b>satellite</b>	Explorer 48	<b>satellite</b>
Dynamics Explorer 2	<b>satellite</b>	Explorer 49	<b>satellite</b>
Echo 1	<b>satellite</b>	Explorer 50	<b>satellite</b>
Echo 2	<b>satellite</b>	Explorer 51	<b>satellite</b>
Elektron 1	<b>satellite</b>	Explorer 52	<b>satellite</b>
Elektron 2	<b>satellite</b>	Explorer 53	<b>satellite</b>
Elektron 4	<b>satellite</b>	Explorer 54	<b>satellite</b>
Envisat-1	<b>satellite</b>	Explorer 55	<b>satellite</b>
EOS PM	<b>(satellite)</b>	Explorer 71	<b>satellite</b>
	<i>use</i> Aqua spacecraft		<i>use</i> Advanced Composition Explorer
ERS-1 (ESA)	<b>satellite</b>	Explorer 73	<b>satellite</b>
ERS-2 (esa)	<b>satellite</b>		<i>use</i> Transition Region and Coronal Explorer
ESRO 1	<b>satellite</b>	Explorer 74	<b>satellite</b>
ESRO 2	<b>satellite</b>		<i>use</i> Submillimeter Wave Astronomy Satellite
ESRO 4	<b>satellite</b>	Explorer 77	<b>satellite</b>
ESSA 1	<b>satellite</b>		<i>use</i> Far UV Spectroscopic Explorer
ESSA 2	<b>satellite</b>	Explorer 78	<b>satellite</b>
ESSA 3	<b>satellite</b>		<i>use</i> IMAGE satellite
ESSA 4	<b>satellite</b>	Extreme Ultraviolet Explorer	<b>satellite</b>
ESSA 5	<b>satellite</b>	FR-1	<b>satellite</b>
ESSA 6	<b>satellite</b>	FUSE	<b>(satellite)</b>
ESSA 7	<b>satellite</b>		<i>use</i> Far UV Spectroscopic Explorer
ESSA 8	<b>satellite</b>	Geodynamic Experimental Ocean	<b>Satellite</b>
ESSA 9	<b>satellite</b>		<i>use</i> GEOS-D satellite
European Communications	<b>Satellite</b>	GEOS 1	<b>satellite</b>
European Large Telecomm	<b>Satellite</b>	GEOS 2	<b>satellite</b>
	<i>use</i> L-Sat	GEOS 3	<b>satellite</b>
EXOS-A	<b>satellite</b>	GEOS-B	<b>satellite</b>
Exosat	<b>satellite</b>		<i>use</i> GEOS 2 satellite
EXOS-B	<b>satellite</b>	GEOS-C	<b>satellite</b>
EXOS-C	<b>satellite</b>		<i>use</i> GEOS 3 satellite
EXOS-D	<b>satellite</b>	GEOS-D	<b>satellite</b>
Explorer 1	<b>satellite</b>	Ginga	<b>satellite</b>
Explorer 2	<b>satellite</b>	Glory Mission	<b>satellite</b>
Explorer 3	<b>satellite</b>	Granat	<b>satellite</b>
Explorer 4	<b>satellite</b>	Hawkeye 1	<b>satellite</b>
Explorer 5	<b>satellite</b>		<i>use</i> Explorer 52 satellite
Explorer 6	<b>satellite</b>	HELOS	<b>(satellite)</b>
Explorer 7	<b>satellite</b>		<i>use</i> Exosat satellite
Explorer 8	<b>satellite</b>	HEOS A	<b>satellite</b>
Explorer 9	<b>satellite</b>	HEOS B	<b>satellite</b>
Explorer 10	<b>satellite</b>	Hermes	<b>satellite</b>
Explorer 11	<b>satellite</b>		<i>use</i> Communications Technology Satellite
Explorer 12	<b>satellite</b>	High Eccentric Lunar Occultation	<b>Satellite</b>
Explorer 14	<b>satellite</b>		<i>use</i> Exosat satellite
Explorer 15	<b>satellite</b>	Hipparcos	<b>satellite</b>
Explorer 16	<b>satellite</b>	Ice, Cloud and Land Elevation	<b>Satellite</b>
Explorer 17	<b>satellite</b>	IMAGE	<b>satellite</b>
Explorer 18	<b>satellite</b>		
Explorer 19	<b>satellite</b>		
Explorer 20	<b>satellite</b>		
Explorer 21	<b>satellite</b>		
Explorer 22	<b>satellite</b>		

IME	<b>satellite</b>	Proton 1	<b>satellite</b>
	<i>use</i> International Magnetospheric Explorer	Proton 2	<b>satellite</b>
Infrared Astronomy	<b>Satellite</b>	Proton 3	<b>satellite</b>
Injun 1	<b>satellite</b>	Proton 4	<b>satellite</b>
Injun 3	<b>satellite</b>	QuikSCAT	<b>satellite</b>
Injun 4	<b>satellite</b>	Radiation and Meteoroid	<b>satellite</b>
Injun 5	<b>satellite</b>	Radio Astronomy Explorer	<b>satellite</b>
	<i>use</i> Explorer 40 satellite	Raduga	<b>satellite</b>
Inspector	<b>satellite</b>	Relay 1	<b>satellite</b>
Intasat	<b>satellite</b>	Relay 2	<b>satellite</b>
Jikiken	<b>satellite</b>	Roentgen	<b>satellite</b>
	<i>use</i> EXOS-B satellite		<i>use</i> ROSAT mission
Kyokko	<b>satellite</b>	RXTE	<b>(satellite)</b>
	<i>use</i> EXOS-A satellite		<i>use</i> X Ray Timing Explorer
LAGEOS	<b>(satellite)</b>	S-3	<b>satellite</b>
LARGOS	<b>satellite</b>		<i>use</i> Explorer 12 satellite
Laser Geodynamic	<b>Satellite</b>	S-6	<b>satellite</b>
	<i>use</i> LAGEOS (satellite)		<i>use</i> Explorer 17 satellite
LCROSS	<b>(satellite)</b>	S-16	<b>satellite</b>
Lunar Crater Observation and Sensing	<b>Satellite</b>		<i>use</i> OSO-1
	<i>use</i> LCROSS (satellite)	S-17	<b>satellite</b>
			<i>use</i> OSO-2
LZEEBE	<b>satellite</b>	S-18	<b>satellite</b>
Magellan ultraviolet astronomy	<b>satellite</b>		<i>use</i> OAO
MagSat 1	<b>satellite</b>	S-27	<b>satellite</b>
Magsat A	<b>satellite</b>		<i>use</i> Alouette 1 satellite
MagSat B	<b>satellite</b>	S-49	<b>satellite</b>
Marisat 1	<b>satellite</b>		<i>use</i> OGO-A
Maritime Orbital Test	<b>Satellite</b>	S-50	<b>satellite</b>
	<i>use</i> Marots (ESA)		<i>use</i> OGO-C
Meteoroid Technology	<b>Satellite</b>	S-51	<b>satellite</b>
	<i>use</i> Explorer 46 satellite		<i>use</i> Ariel 1 satellite
METEOSAT	<b>satellite</b>	S-52	<b>satellite</b>
Midas 2	<b>satellite</b>		<i>use</i> Ariel 2 satellite
Midas 3	<b>satellite</b>	S-57	<b>satellite</b>
Midas 4	<b>satellite</b>		<i>use</i> OSO-C
Midas 5	<b>satellite</b>	S-66	<b>satellite</b>
Midas 6	<b>satellite</b>		<i>use</i> Beacon Explorer A
Midas 7	<b>satellite</b>	S-74	<b>satellite</b>
Miranda	<b>satellite</b>		<i>use</i> Explorer 18 satellite
NATO 3B	<b>satellite</b>	SAGE	<b>satellite</b>
Nimbus 1	<b>satellite</b>	San Marco 1	<b>satellite</b>
Nimbus 2	<b>satellite</b>	San Marco 2	<b>satellite</b>
Nimbus 3	<b>satellite</b>	San Marco 3	<b>satellite</b>
Nimbus 4	<b>satellite</b>	SCATHA	<b>satellite</b>
Nimbus 5	<b>satellite</b>	SCORE	<b>satellite</b>
Nimbus 6	<b>satellite</b>	Search and Rescue	<b>Satellite</b>
Nimbus 7	<b>satellite</b>		<i>use</i> SarSat
NOAA 2	<b>satellite</b>	SEASAT-B	<b>satellite</b>
NOAA 3	<b>satellite</b>	SEOCS	<b>(satellite)</b>
NOAA 4	<b>satellite</b>	Severe Storms Observing	<b>Satellite</b>
NOAA 5	<b>satellite</b>		<i>use</i> StormSat satellite
NOAA 6	<b>satellite</b>	SIRIO	<b>satellite</b>
NOAA 7	<b>satellite</b>	SIRS B	<b>satellite</b>
NOAA 8	<b>satellite</b>	Snapshot	<b>satellite</b>
NOAA 9	<b>satellite</b>	Solar Radiation 1	<b>satellite</b>
NOAA 10	<b>satellite</b>	Solar Radiation 3	<b>satellite</b>
NOAA 11	<b>satellite</b>	Solrad 10	<b>satellite</b>
NOAA 12	<b>satellite</b>		<i>use</i> Explorer 44 satellite
NOAA 14	<b>satellite</b>	Space Arrow	<b>satellite</b>
NOAA 19	<b>satellite</b>		<i>use</i> Cosmos 149 satellite
NOAA F	<b>satellite</b>	SPOT (French)	<b>(satellite)</b>
	<i>use</i> NOAA 9 satellite	Sputnik 1	<b>satellite</b>
NOAA G	<b>satellite</b>	Sputnik 2	<b>satellite</b>
	<i>use</i> NOAA 10 satellite	Sputnik 3	<b>satellite</b>
NOAA-N Prime Environmental	<b>Satellite</b>	Sputnik 4	<b>satellite</b>
	<i>use</i> NOAA 19 satellite	Sputnik 5	<b>satellite</b>
Ohzora	<b>satellite</b>	SRET 1	<b>satellite</b>
	<i>use</i> EXOS-C satellite	SRET 2	<b>satellite</b>
ORBIS CAL	<b>satellite</b>	StormSat	<b>satellite</b>
P78-2	<b>satellite</b>	Submillimeter Wave Astronomy	<b>Satellite</b>
	<i>use</i> SCATHA satellite	SWAS	<b>(satellite)</b>
PAGEOS	<b>satellite</b>		<i>use</i> Submillimeter Wave Astronomy Satellite
Palapa 2	<b>satellite</b>	Synchronous Earth Observatory	<b>satellite</b>
Palapa B	<b>satellite</b>	Synchronous Meteorological	<b>Satellite</b>
	<i>use</i> Palapa 2 satellite	SYNCOM 1	<b>satellite</b>
Polaire	<b>satellite</b>	SYNCOM 2	<b>satellite</b>
	<i>use</i> D-2 satellites	SYNCOM 3	<b>satellite</b>
Poseidon	<b>satellite</b>		

**satellite**

- SYNCOM 4 **satellite**
- TD-1 **satellite**
- Telstar 1 **satellite**
- Telstar 2 **satellite**
- Tenma **satellite**
- TIROS 1 **satellite**
- TIROS 2 **satellite**
- TIROS 3 **satellite**
- TIROS 4 **satellite**
- TIROS 5 **satellite**
- TIROS 6 **satellite**
- TIROS 7 **satellite**
- TIROS 8 **satellite**
- TIROS 9 **satellite**
- TIROS 10 **satellite**
- TIROS D **satellite**  
*use* TIROS 4 satellite
- TIROS E **satellite**  
*use* TIROS 5 satellite
- TIROS F **satellite**  
*use* TIROS 6 satellite
- TIROS G **satellite**  
*use* TIROS 7 satellite
- TIROS H **satellite**  
*use* TIROS 8 satellite
- TIROS wheel **satellite**  
*use* TIROS 9 satellite
- Tourmesole **satellite**  
*use* D-2 satellites
- TRAAC **satellite**  
*use* Transit Attitude Control satellite
- TRACE **satellite**  
*use* Transition Region and Coronal Explorer
- Transit Attitude Control **satellite**
- TRMM **satellite**
- UARS **(satellite)**  
*use* Upper Atmosphere Research Satellite (UARS)
- Uhuru **satellite**
- UK 4 **satellite**
- Vanguard 1 **satellite**
- Vanguard 2 **satellite**
- Vanguard 3 **satellite**
- Venera 2 **satellite**
- Venera 3 **satellite**
- Venera 4 **satellite**
- Venera 5 **satellite**
- Venera 6 **satellite**
- Venera 7 **satellite**
- Venera 8 **satellite**
- Venera 9 **satellite**
- Venera 10 **satellite**
- Venera 11 **satellite**
- Venera 12 **satellite**
- Earth Resources Technology **Satellite 1**  
*use* Landsat 1
- Small Astronomy **Satellite 1**  
*use* SAS-1
- Small Astronomy **Satellite 2**  
*use* SAS-2
- Small Astronomy **Satellite 3**  
*use* SAS-3
- satellite** altimetry
- Satellite** and Missile Observation System  
*use* Samos
- satellite** antennas
- satellite** atmospheres
- satellite** attitude control
- Discos **(satellite** attitude control)
- satellite** attitude disturbance  
*use* attitude stability  
*use* spacecraft stability
- Earth Resources Technology **Satellite B**  
*use* Landsat 2
- Geostationary Operatl Environ **Satellite B**  
*use* GOES 2
- satellite-borne** instruments
- satellite-borne** photography
- satellite-borne** radar
- satellite** breakup  
*use* spacecraft breakup
- Earth Resources Technology **Satellite C**  
*use* Landsat 3
- satellite** capture  
*use* spacecraft recovery
- International **Satellite** Cloud Climatology  
*use* ISCCP Project
- satellite** clusters  
*use* satellite constellations
- satellite** communication
- Fleet **Satellite** Communication System
- satellite** communications ships
- domestic **satellite** communications systems
- satellite** configurations
- satellite** constellations
- satellite** control
- Earth Resources Technology **Satellite D**  
*use* Landsat 4
- satellite** defense  
*use* spacecraft defense
- satellite** design
- satellite** doppler positioning
- satellite** drag
- Earth Resources Technology **Satellite E**  
*use* Landsat E
- Maritime Communication **Satellite** (ESA)  
*use* Marots (ESA)
- Orbital Test **Satellite** (ESA)  
*use* OTS (ESA)
- Earth Resources Technology **Satellite F**  
*use* Landsat F
- satellite** fragmentation  
*use* spacecraft breakup
- International **Satellite** Geodesy Experiment
- satellite** ground support
- satellite** ground tracks
- satellite** guidance
- satellite** imagery
- satellite** instruments
- satellite** interceptors
- satellite** laser ranging
- satellite** launching  
*use* spacecraft launching
- satellite** lifetime
- dielectronic **satellite** lines  
*use* resonance lines
- satellite** maneuvers  
*use* spacecraft maneuvers
- satellite** navigation systems
- satellite** networks
- satellite** observation
- satellite** oceans  
*use* extraterrestrial oceans
- satellite** orbit calculation  
*use* orbit calculation
- satellite** orbits
- satellite** orientation
- AMPS **(satellite** payload)
- satellite** perturbation
- satellite** power transmission
- Defense Meteorological **Satellite** Program  
*use* DMSP satellites
- Synchronous Communications **Satellite** Proj
- satellite** rendezvous  
*use* orbital rendezvous
- satellite** repair  
*use* orbital servicing
- satellite** rotation
- land mobile **satellite** service
- satellite** solar energy conversion
- satellite** solar power stations
- satellite** sounding
- satellite** surfaces
- Global Orbiting Navigation **Satellite** Sys.  
*use* GLONASS
- Defense Communications **Satellite** System
- National Oceanic **Satellite** System

National Polar-orbiting Operational		HEOS	<b>satellites</b>
Environmental	<b>Satellite System</b>	Highly Eccentric Orbit	<b>satellites</b>
	<i>use</i> NPOESS		<i>use</i> HEOS satellites
TIROS operational	<b>satellite system</b>		icy <b>satellites</b>
Small	<b>Satellite Technology Initiative</b>	Improved TIROS Operational	<b>Satellites</b>
	<i>use</i> small satellite technology		<i>use</i> ITOS satellites
small	<b>satellite technology</b>	Injun	<b>satellites</b>
	<b>satellite television</b>	INMARSAT	<b>satellites</b>
	<b>satellite temperature</b>	INSAT	<b>satellites</b>
	<b>satellite tracking</b>		<i>use</i> Indian spacecraft
	<b>Satellite Tracking and Data Acq Network</b>	Intelsat	<b>satellites</b>
	<i>use</i> STDN (network)	Intercosmos	<b>satellites</b>
STADAN	<b>(satellite tracking network)</b>	Iridium	<b>satellites</b>
	<i>use</i> STDN (network)		<i>use</i> communication satellites
optical	<b>satellite tracking program</b>		Iridium network
satellite-to-	<b>satellite tracking</b>	IRIS	<b>satellites</b>
	<b>satellite transmission</b>	ISIS	<b>satellites</b>
Upper Atmosphere Research	<b>Satellite (UARS)</b>	ITOS	<b>satellites</b>
	<b>satellites</b>	Jupiter	<b>satellites</b>
active	<b>satellites</b>	Landsat	<b>satellites</b>
aeronautical	<b>satellites</b>	LES	<b>(satellites)</b>
Aerosat	<b>satellites</b>		<i>use</i> Lincoln Experimental Satellites
Alouette	<b>satellites</b>	Lincoln Experimental	<b>Satellites</b>
AMPTE	<b>(satellites)</b>	Location of Air Traffic	<b>Satellites</b>
Anik	<b>satellites</b>		<i>use</i> LOCATES system
ANNA	<b>satellites</b>	LOFTI	<b>satellites</b>
Applications Explorer	<b>Satellites</b>		<i>use</i> low frequency transionospheric satellites
Applications Technology	<b>Satellites</b>	low frequency transionospheric	<b>satellites</b>
	<i>use</i> ATS		lunar <b>satellites</b>
Ariel	<b>satellites</b>		MagSat <b>satellites</b>
artificial	<b>satellites</b>	Marecs	maritime <b>satellites</b>
astronomical	<b>satellites</b>	Marisat	<b>satellites</b>
Beacon	<b>satellites</b>	maritime	<b>satellites</b>
communication	<b>satellites</b>	Mars	<b>satellites</b>
ComStar	<b>satellites</b>	meteorological	<b>satellites</b>
Cosmos	<b>satellites</b>	Micrometeoroid Explorer	<b>satellites</b>
D-2	<b>satellites</b>	Midas	<b>satellites</b>
DBS	<b>(satellites)</b>	Molniya	<b>satellites</b>
	<i>use</i> direct broadcast satellites	natural	<b>satellites</b>
Diademe	<b>satellites</b>	navigation	<b>satellites</b>
direct broadcast	<b>satellites</b>	navigation technology	<b>satellites</b>
Discoverer	<b>satellites</b>	NAVSTAR	<b>satellites</b>
DMSP	<b>satellites</b>	Neptune	<b>satellites</b>
Dynamics Explorer	<b>satellites</b>	Nimbus	<b>satellites</b>
Early Bird	<b>satellites</b>	NOAA	<b>satellites</b>
Earth Resources Observation	<b>Satellites</b>	Nova	<b>satellites</b>
	<i>use</i> EROS (satellites)	Octahedral Research	<b>Satellites</b>
Earth Resources Technology	<b>Satellites</b>		<i>use</i> Environmental Research Satellites
	<i>use</i> Landsat satellites	OV-1	<b>satellites</b>
Echo	<b>satellites</b>	OV-2	<b>satellites</b>
Elektron	<b>satellites</b>	OV-3	<b>satellites</b>
Engineering Test	<b>Satellites</b>	OV-4	<b>satellites</b>
Environmental Research	<b>Satellites</b>	OV-5	<b>satellites</b>
EOLE	<b>satellites</b>	Palapa	<b>satellites</b>
EROS	<b>(satellites)</b>	passive	<b>satellites</b>
ESA	<b>satellites</b>	Pegasus	<b>satellites</b>
ESRO	<b>satellites</b>	PEOLE	<b>satellites</b>
	<i>use</i> ESA satellites	perigee-apogee	<b>satellites</b>
ESSA	<b>satellites</b>		<i>use</i> PAS
ETS series	<b>satellites</b>	planetary	<b>satellites</b>
	<i>use</i> Engineering Test Satellites		<i>use</i> natural satellites
evasive	<b>satellites</b>	Pluto	<b>satellites</b>
EXOS	<b>satellites</b>	Polyot	<b>satellites</b>
Explorer	<b>satellites</b>	Prognoz	<b>satellites</b>
French	<b>satellites</b>	Proton	<b>satellites</b>
Galilean	<b>satellites</b>	Ranger	<b>satellites</b>
geodetic	<b>satellites</b>		<i>use</i> Ranger lunar probes
GEOLE	<b>satellites</b>	RCA Satcom	<b>satellites</b>
geophysical	<b>satellites</b>	recoverable	<b>satellites</b>
Geosat	<b>satellites</b>		<i>use</i> recoverable spacecraft
geostationary	<b>satellites</b>	reflector	<b>satellites</b>
	<i>use</i> synchronous satellites		<i>use</i> passive satellites
GOES	<b>satellites</b>	Relay	<b>satellites</b>
gravity gradient	<b>satellites</b>	San Marco	<b>satellites</b>
Gravsat	<b>satellites</b>	Saturn	<b>satellites</b>
	<i>use</i> Geopotential Research Mission	scientific	<b>satellites</b>
GREB	<b>satellites</b>	SEASAT	<b>satellites</b>
Hawkeye	<b>satellites</b>		
Helios	<b>satellites</b>		

**satellites**

- Shuttle pallet **satellites**
- Skynet **satellites**
- Small Astronomy **Satellites**  
*use* SAS
- small scientific **satellites**
- solar power **satellites**
- Soviet **satellites**
- Spartan **satellites**
- Sputnik **satellites**
- SRET **satellites**
- Symphonie **satellites**
- synchronous **satellites**
- Synchronous Communication **Satellites**  
*use* SYNCOM satellites
- SYNCOM **satellites**
- TD **satellites**
- TDR **satellites**
- Telstar **satellites**
- tethered **satellites**
- TIROS **satellites**
- TIROS N series **satellites**
- Tracking and Data Relay **Satellites**  
*use* TDR satellites
- Transit **satellites**
- UK **satellites**
- United Kingdom **satellites**  
*use* UK satellites
- Uranus **satellites**
- Vanguard **satellites**
- Vela **satellites**
- Venera **satellites**
- Westar **satellites**
- GEOS **satellites** (ESA)
- GEOS **satellites** (ESRO)  
*use* GEOS satellites (ESA)
- Galactic Radiation Exp Background **sats**  
*use* GREB satellites
- Geostationary Operational Environ **Sats**  
*use* GOES satellites
- International **Sats** for Ionospheric Study  
*use* ISIS satellites
- saturable** reactors
- saturated** hydrocarbons  
*use* alkanes
- saturation**
- saturation** (chemistry)
- Saturn**
- Saturn** 1 launch vehicles
- Saturn** 1 SA-1 launch vehicle
- Saturn** 1 SA-10 launch vehicle
- Saturn** 1 SA-2 launch vehicle
- Saturn** 1 SA-3 launch vehicle
- Saturn** 1 SA-4 launch vehicle
- Saturn** 1 SA-5 launch vehicle
- Saturn** 1 SA-6 launch vehicle
- Saturn** 1 SA-7 launch vehicle
- Saturn** 1 SA-8 launch vehicle
- Saturn** 1 SA-9 launch vehicle
- Saturn** 1 workshop
- Saturn** 1B launch vehicles
- Saturn** 2 launch vehicles
- Saturn** 5 launch vehicles
- Saturn** 5 workshop
- Saturn** atmosphere
- Saturn** D launch vehicle
- Mariner Jupiter- **Saturn** flyby
- Saturn** launch vehicles
- Saturn** (planet)
- Saturn** project
- Saturn** rings
- Saturn** S-1 stage
- Saturn** S-1B stage
- Saturn** S-1C stage
- Saturn** S-2 stage
- Saturn** S-4 stage
- Saturn** S-4B stage
- Saturn** satellites
- Pioneer **Saturn** spacecraft  
*use* Pioneer 11 space probe
- Saturn** stages
- Saturn** workshops
- Saudi** Arabia
- Saudi** Arabian space program
- Savage** aircraft  
*use* A-2 aircraft
- Savannah** nuclear ship
- savannahs**  
*use* grasslands
- Biot- **Savart** law
- saws**
- sawtooth** waveforms
- Sand Hills Region (GA-NC- **SC**)
- SC-1** aircraft
- Short **SC-1** aircraft  
*use* SC-1 aircraft
- SC-5** aircraft
- Short **SC-5** aircraft  
*use* SC-5 aircraft
- SC-7** aircraft
- Short **SC-7** aircraft  
*use* SC-7 aircraft
- scalar** magnetic charge  
*use* magnetic charge density
- scalars**
- scale**
- fahrenheit temperature **scale**  
*use* temperature scales
- gray **scale**
- Taylor manifest anxiety **scale**
- scale** (corrosion)
- scale** effect
- scale** height
- large **scale** integration
- medium **scale** integration
- very large **scale** integration
- scale** models
- scale** (ratio)
- large- **scale** structure of the universe
- full **scale** tests
- scalars**
- temperature **scales**
- scaling**
- scaling** laws
- scalloping**
- visible infrared spin **scan** radiometer
- Scandinavia**
- scandium**
- scandium** 46  
*use* scandium isotopes
- scandium** compounds
- scandium** isotopes
- scandium** oxides
- CAT **scanner**  
*use* computer aided tomography
- Coastal Zone Color **Scanner**
- ocean color **scanner**
- Scanner** project
- scanners**
- flying spot **scanners**
- horizon **scanners**
- infrared **scanners**
- infrared horizon **scanners**  
*use* horizon scanners  
*use* infrared scanners
- MUBIS (**scanners**)  
*use* multiple beam interval scanners
- multiple beam interval **scanners**
- multispectral band **scanners**
- optical **scanners**
- ultrasonic **scanners**
- scanning**
- conical **scanning**
- frequency **scanning**
- panoramic **scanning**
- radar **scanning**
- raster **scanning**
- microwave **scanning** beam landing system

- scanning** devices
    - use* scanners
  - scanning** electron microscopy
  - scanning** laser acoustic microscope (SLAM)
    - use* acoustic microscopes
  - scanning** tunneling microscopy
  - scapula**
  - SCAR** program
    - use* supersonic cruise aircraft research
  - scarf** joints
  - scarfing**
  - scarps**
    - use* escarpments
  - scars**
  - scars** (geology)
    - use* erosion
  - SCAT**
    - use* supersonic commercial air transport
  - SCATHA** satellite
  - scatter** plates (optics)
  - scatter** propagation
  - ionospheric F-**scatter** propagation
  - European Incoherent **Scatter** Radar
    - use* EISCAT radar system (Europe)
  - incoherent **scatter** radar
  - radar target **scatter** site program
  - scatterers**
    - use* scattering
  - scattering**
  - acoustic **scattering**
  - atmospheric **scattering**
  - coherent **scattering**
  - elastic **scattering**
  - electromagnetic **scattering**
  - electron **scattering**
  - forward **scattering**
  - incoherent **scattering**
  - inelastic **scattering**
  - inverse **scattering**
  - ion **scattering**
  - light **scattering**
  - lunar **scattering**
    - use* diffuse radiation
    - lunar radar echoes
  - microwave **scattering**
  - Mie **scattering**
  - neutron **scattering**
  - nuclear **scattering**
  - nucleon-nucleon **scattering**
  - proton **scattering**
  - radar **scattering**
  - radio **scattering**
  - Raman **scattering**
    - use* Raman spectra
  - Rayleigh **scattering**
  - resonance **scattering**
  - Thomson **scattering**
  - tropospheric **scattering**
  - wave **scattering**
  - x ray **scattering**
    - amplitude
    - coefficients
    - cross sections
    - functions
  - deep **scattering**
    - layers
    - matrix
    - use* S matrix theory
  - light **scattering** meters
  - scatterometers**
  - scavenging**
  - SCCF**
    - use* Solar Cell Calibration Facility
  - scene** analysis
  - scene** generation
  - scenedesmus**
- SCF**
    - use* self consistent fields
  - Schach** effect
  - Schauder** fixpoint theorem
  - schedules**
  - scheduling**
  - observation **scheduling**
  - programming **(scheduling)**
  - scheelite**
  - Schelkunoff** principle
  - schematics**
    - use* circuit diagrams
  - Roe flux difference splitting **scheme**
    - use* flux difference splitting
  - ENO **schemes**
    - use* essentially non-oscillatory schemes
  - essentially non-oscillatory **schemes**
  - total variation diminishing **schemes**
    - use* TVD schemes
  - TVD **schemes**
  - upwind **schemes** (mathematics)
  - Debye-**Scherrer** method
  - Schiff** bases
    - use* imines
  - schist**
  - schizophrenia**
  - Schleicher** aircraft
  - Tollmien-**Schlichting** waves
  - Schlieren** photography
  - Schmidt** cameras
  - Kalman-**Schmidt** filtering
  - Schmidt** method
  - Schmidt** number
  - Schmidt** telescopes
  - schools**
  - schools** (fish)
  - Schottky** barrier diodes
    - use* Schottky diodes
  - Schottky** diodes
  - Schottky** effect
    - use* work functions
  - Bardeen-Cooper-**schreibersite**
  - Schrieffer** theory
  - Schroedinger** equation
  - Schuler** tuning
  - Schumann-Runge** bands
  - Schwartz** inequality
  - Schwartz** method
  - Schwarz-Christoffel** transformation
  - Schwarzschild** antennas
  - Schwarzschild** metric
  - Schwassmann-Wachmann** comet
  - sciatic** region
  - science**
  - indexing (information **science**)
  - materials **science**
  - medical **science**
  - soil **science**
  - aerospace **sciences**
  - culture (social **sciences**)
  - Earth **sciences**
  - forensic **sciences**
    - use* law (jurisprudence)
  - life **sciences**
  - physical **sciences**
  - space **sciences**
    - use* aerospace sciences
  - scientific** instrument modules
    - use* SIM
  - Lunar Surface **Scientific** Modules
    - use* LSSM
  - Biomedical Experiment **Scientific** Satellite
    - use* BESS (satellite)
  - scientific** satellites
  - small **scientific** satellites
  - local **scientific** survey module
  - scientific** visualization
  - scientists**

- Scimitar** aircraft
- Vickers **Scimitar** aircraft  
*use* Scimitar aircraft
- scintillating** fibers
- scintillation** counters
- scintillation** fibers  
*use* scintillating fibers
- scintillators**  
*use* scintillation counters
- scintillometers**  
*use* scintillation counters
- scission**  
*use* cleavage
- scoops**
- Low Intensity X Ray Imaging **Scopes**  
*use* lixiscopes
- scopolamine**  
*use* hyoscine
- SCORE** omnirange  
*use* self calibrating omnirange
- SCORE** satellite
- scoring**
- Scorpio** constellation  
*use* Scorpius constellation
- Scorpius** constellation
- Scotchlite** (trademark)
- Nova **Scotia**
- Scotland**
- Scout** helicopter  
*use* P-531 helicopter
- Scout** launch vehicle
- Scout** project
- Blue **Scout** rocket vehicle
- SCPC** transmission  
*use* single channel per carrier transmission
- SCR** (rectifiers)  
*use* silicon controlled rectifiers
- SCRAM**
- scrambling** (communication)
- scramjet** engines  
*use* supersonic combustion ramjet engines
- scramjets**  
*use* supersonic combustion ramjet engines
- scrap**
- scrapers**
- screech** tones
- screen** effect
- screening**
- screens**
- sizing **screens**
- screw** dislocations
- screw** pinch
- screws**
- scribing**  
*use* scoring
- scrubbers**
- scrubbing**  
*use* washing
- scrubs** (botany)  
*use* brush (botany)
- Scutum** constellation
- Scylla**
- Black Hills **(SD-WY)**
- SDP** (computers)  
*use* site data processors
- SDS** 900 series computers
- SDS** 930 computer
- SDS** 9300 computer
- SDV**  
*use* Shuttle Derived Vehicles
- SE-210** aircraft
- Sud Aviation **SE-210** aircraft  
*use* SE-210 aircraft
- SE-3160** helicopter
- Sud Aviation **SE-3160** helicopter  
*use* SE-3160 helicopter
- SE-A**  
*use* Explorer 30 satellite
- CE/ **SE** method  
*use* space-time CE/SE method
- space-time CE/ **SE** method
- Adriatic **Sea**
- Arabian **Sea**
- Baltic **sea**
- Barents **Sea**
- Bering **Sea**
- Black **Sea**
- Caribbean **Sea**
- Caspian **Sea**
- Chukchi **Sea**
- Mediterranean **Sea**
- North **Sea**
- Red **Sea**
- Sargasso **Sea**
- sea** breeze
- Salton **Sea** (CA)
- sea** floor spreading
- sea** grasses
- deep-**sea** hydrothermal vents  
*use* submarine hydrothermal vents
- sea** ice
- air **sea** ice interactions
- air **sea** interactions  
*use* air water interactions
- sea** keeping
- Sea** King helicopter  
*use* SH-3 helicopter
- Sea** Knight helicopter  
*use* CH-46 helicopter
- sea** launching
- sea** law
- sea** level
- Beaufort **Sea** (North America)
- Sea** of Japan
- Sea** of Okhotsk
- solar **sea** power plants
- sea** roughness
- sea** states
- sea** surface temperature
- sea** truth
- sea** urchins
- Sea-viewing Wide Field-of-view Sensor**
- sea** walls  
*use* breakwaters
- sea** water
- seaborgium**
- Seafarer** project
- seafloor** hydrothermal vents  
*use* submarine hydrothermal vents
- Seahorse** helicopter  
*use* UH-34 helicopter
- sealants**  
*use* sealers
- sealers**
- sealing**
- self **sealing**
- brush **seals**
- glands **(seals)**
- hermetic **seals**
- labyrinth **seals**
- O ring **seals**
- packings **(seals)**
- pump **seals**
- seals** (animals)
- seals** (stoppers)
- seamounts**
- seams** (joints)
- seaplanes**
- Search** and Rescue Satellite  
*use* SarSat
- Search** for Extraterrestrial Intelligence  
*use* Project SETI
- search** profiles

- search** radar
- searching**
- searchlights**
- seas**
- SEASAT** 1
- SEASAT-B** satellite
- SEASAT** program
- SEASAT** satellites
- spring **(season)**
- seasonal** variations
  - use* annual variations
- seasons**
- Seasprite** helicopter
  - use* UH-2 helicopter
- seat** belts
- seats**
- ejection **seats**
- flying ejection **seats**
- seaweeds**
- SeaWiFS**
  - use* Sea-viewing Wide Field-of-view Sensor
- sebaceous** glands
- sebamic** acid
- Newton **second** law
- secondary** batteries
  - use* storage batteries
- secondary** cosmic rays
- secondary** emission
- secondary** flow
- secondary** injection
- secondary** ion mass spectrometry
- secondary** radar
- secondary** waves
  - use* S waves
- secretions**
- endocrine **secretions**
- sections**
- absorption cross **sections**
- airfoil **sections**
  - use* airfoil profiles
- capture cross **sections**
  - use* absorption cross sections
- cross **sections**
- dorsal **sections**
- ionization cross **sections**
- neutron cross **sections**
- posterior **sections**
- radar cross **sections**
- scattering cross **sections**
- ventral **sections**
- sectors**
- secular** perturbation
  - use* long term effects
- secular** variations
- security**
- airport **security**
- computer **security**
- computer information **security**
- sedatives**
- sediment** transport
- sedimentary** rocks
- sediments**
- SEE** (software engineering environments)
  - use* programming environments
- Seebeck** coefficient
  - use* Seebeck effect
- Seebeck** effect
- cloud **seeding**
- seeding** (inoculation)
  - use* inoculation
- seedlings** (botany)
- seeds**
- atmospheric **seeing**
  - use* seeing (astronomy)
- seeing** (astronomy)
- seekers**
  - use* homing devices
- seepage**
- segmented** mirrors
- segments**
- Segre** characteristic
- segregation**
  - use* separation
- large aperture **seismic** array
- seismic** energy
- seismic** waves
- seismocardiography**
- seismograms**
- seismographs**
- lunar **seismographs**
- seismology**
- solar **seismology**
  - use* helioseismology
- stellar **seismology**
  - use* asteroseismology
- seismometers**
  - use* seismographs
- seizures**
- SEL** computers
- selection**
- materials **selection**
- personnel **selection**
- pilot **selection**
- site **selection**
  - selection** rules (nuclear physics)
- solar **selective** coatings
  - use* selective surfaces
- selective** dissemination of information
- ion **selective** electrodes
- selective** fading
- selective** surfaces
- selectivity**
- selectors**
- selenides**
- cadmium **selenides**
- copper **selenides**
- copper indium **selenides**
- gallium **selenides**
- indium **selenides**
- lead **selenides**
- zinc **selenides**
- selenium**
- selenium** alloys
- selenium** compounds
- selenium** isotopes
- selenium** oxides
- selenography**
- selenology**
- self** absorption
- self** adaptive control systems
- self** alignment
- self** assembly
- self** calibrating omnirange
- self** consistent fields
- self** deploying space stations
  - use* self erecting devices
  - space stations
- gaseous **self**-diffusion
- self** diffusion (solid state)
- self** erecting devices
- self** excitation
- self** focusing
- self** ignition
  - use* spontaneous combustion
- self** induced vibration
- self** initiated antiaircraft missiles
  - use* SIAM missiles
- self** lubricating materials
- self** lubrication
- self** maneuvering units
- space **self** maneuvering units
  - use* self maneuvering units
- self** organizing systems
- self** oscillation
- self** propagation

- self** regulating
  - use* automatic control
- self** repairing devices
- self** sealing
- self** shadowing
- self** stimulation
- self** subtraction holography
  - use* holographic subtraction
- self** sustained emission
- self** tests
- Selsyns** (trademark)
  - use* servomotors
- SEM** (microscopy)
  - use* scanning electron microscopy
- semantics**
- semicircular** canals
- semiconducting** films
- semiconductor** devices
- NDM **semiconductor** devices
- semiconductor** diodes
- semiconductor** insulator semiconductors
  - use* SIS (semiconductors)
- semiconductor** junctions
- semiconductor** lasers
- metal-**semiconductor**-metal semiconductors
- semiconductor** plasmas
- amorphous **semiconductors**
- complementary metal oxide **semiconductors**
  - use* CMOS
- indium-tin-oxide **semiconductors**
  - use* ITO (semiconductors)
- ITO **(semiconductors)**
- metal insulator **semiconductors**
  - use* MIS (semiconductors)
- metal oxide **semiconductors**
- metal-insulator-metal **semiconductors**
  - use* MIM (semiconductors)
- metal-nitride-oxide-**semiconductors**
- metal-oxide-metal **semiconductors**
  - use* MOM (semiconductors)
- metal-semiconductor-metal **semiconductors**
  - use* MSM (semiconductors)
- MIM **(semiconductors)**
- MIS **(semiconductors)**
- MOM **(semiconductors)**
- MOS **(semiconductors)**
  - use* metal oxide semiconductors
- MSM **(semiconductors)**
- negative diff mobility **semiconductors**
  - use* NDM semiconductor devices
- n-type **semiconductors**
- organic **semiconductors**
- p-type **semiconductors**
- semiconductor insulator **semiconductors**
  - use* SIS (semiconductors)
- silicon-on-insulator **semiconductors**
  - use* SOI (semiconductors)
- silicon-on-sapphire **semiconductors**
  - use* SOS (semiconductors)
- SIS **(semiconductors)**
- SOI **(semiconductors)**
- SOS **(semiconductors)**
- semiconductors** (materials)
- semiempirical** equations
- semimetals**
  - use* metalloids
- semiregular** variable stars
- semisolids**
- semispan** models
- Senarmont** polariscopes
- senders**
  - use* transmitters
- Seneca** aircraft
  - use* PA-34 Seneca aircraft
- PA-34 **Seneca** aircraft
- Senegal**
- tactile **sensation**
  - use* touch
- auditory **sensation** areas
- carrier **sense** multiple access
- sense** organs
- senses**
  - use* sensory perception
- sensibility**
  - use* sensitivity
- sensing**
  - use* detection
- Crop Inventories by Remote **Sensing**
  - use* AgRISTARS project
- horizon **sensing**
  - use* horizon scanners
- NDVI (remote **sensing**)
  - use* normalized difference vegetation index
- position **sensing**
- remote **sensing**
- Lunar Crater Observation and **Sensing** Satellite
  - use* LCROSS (satellite)
- pressure **sensitive** paints
- temperature **sensitive** paints
- sensitivity**
- impact **sensitivity**
  - use* impact resistance
- notch **sensitivity**
- pain **sensitivity**
- propellant **sensitivity**
- spectral **sensitivity** analysis
- sensitizing**
- sensitometry**
- SATAN **(sensor)**
  - use* terrain analysis
- Sea-viewing Wide Field-of-view **Sensor**
- sensor** fusion
  - use* multisensor fusion
- pushbroom **sensor** modes
- sensorimotor** performance
- sensors**
- contour **sensors**
- guidance **sensors**
- image velocity **sensors**
- microwave **sensors**
- optical **sensors**
  - use* optical measuring instruments
- pressure **sensors**
- remote **sensors**
- robot **sensors**
- solar **sensors**
- spacecraft **sensors**
  - use* spacecraft instruments
- sun **sensors**
  - use* solar sensors
- temperature **sensors**
- torque **sensors** (nonrobotics)
  - use* torqueimeters
- tactile **sensors** (robotics)
- torque **sensors** (robotics)
- sensory** deprivation
- sensory** discrimination
- sensory** feedback
- sensory** perception
- sensory** stimulation
- sensory** thresholds
  - use* thresholds (perception)
- sentences**
- Sentinel** system
- SEO** (Indian spacecraft)
  - use* Indian spacecraft
- SEOCs** (satellite)
- SEOS**
  - use* Synchronous Earth Observatory satellite
- SEPAC** (payload)
- separated** flow
- separation**
- boundary layer **separation**
- charge **separation**
  - use* polarization (charge separation)

- external store **separation**  
 flow **separation**  
     *use* boundary layer separation  
     separated flow  
 isotope **separation**  
 laminar boundary layer **separation**  
     *use* boundary layer separation  
     laminar boundary layer  
 polarization (charge **separation**)  
 radiochemical **separation**  
 size **separation**  
 sizing **(separation)**  
     *use* size separation  
 stage **separation**  
 phase **separation** (materials)  
**separators**  
 battery **separators**  
     *use* separators  
**septum**  
 isoelectronic **sequence**  
 stacking **sequence** (composite materials)  
 main **sequence** stars  
 pre-main **sequence** stars  
 pseudorandom **sequences**  
**sequencing**  
**sequential** analysis  
**sequential** computers  
**sequential** control  
**Serbska** Republic  
**sergeant** missiles  
**sergenium**  
 actinide **series**  
 asymptotic **series**  
 Balmer **series**  
 Campbell-Hausdorff **series**  
 cosine **series**  
 Fourier **series**  
 MacLaurin **series**  
 McLaurin **series**  
     *use* MacLaurin series  
 Paschen **series**  
 power **series**  
 Prony **series**  
 Rydberg **series**  
 sine **series**  
 Taylor **series**  
 time **series** analysis  
 actinide **series** compounds  
 CDC 6000 **series** computers  
 CDC 7000 **series** computers  
 CDC Cyber 170 **series** computers  
 SDS 900 **series** computers  
 Univac 1100 **series** computers  
 VAX-11 **series** computers  
     **series** expansion  
     **series** (mathematics)  
 lanthanide **series** metals  
     *use* rare earth elements  
 ETS **series** satellites  
     *use* Engineering Test Satellites  
 TIROS N **series** satellites  
**serotonin**  
**serpentine**  
**serratia**  
**SERT** 1 spacecraft  
**SERT** 2 spacecraft  
**SERT** (rocket tests)  
     *use* space electric rocket tests  
 blood **serum**  
**serums**  
 client **server** systems  
 land mobile satellite **service**  
**service** life  
**Service** Module (ISS)  
 Zvezda **Service** Module  
     *use* Service Module (ISS)  
**service** modules  
 command **service** modules  
**service** oriented architecture
- services**  
 medical **services**  
 meteorological **services**  
 web **services**  
 orbital **servicing**  
 Mobile **Servicing** System (ISS)  
     *use* Space Station Mobile Servicing  
     System  
 Space Station Mobile **Servicing** System  
**servoamplifiers**  
**servocontrol**  
**servomechanisms**  
**servomotors**  
**servos**  
     *use* servomotors  
**servostability** control  
     *use* servocontrol  
**SES**  
     *use* surface effect ships  
**SES** (Shuttle)  
     *use* Shuttle Engineering Simulator  
**set**  
 reduced instruction **set** computing  
     *use* RISC processors  
**set** theory  
**SETI**  
     *use* Project SETI  
 Project **SETI**  
 Borel **sets**  
 fuzzy **sets**  
 psychological **sets**  
 instruction **sets** (computers)  
**setting**  
**settling**  
**setups**  
 twenty- **seven** day variation  
**Severe** Storms Observing Satellite  
     *use* StormSat satellite  
 National **Severe** Storms Project  
**sewage**  
**sewage** treatment  
**sewers**  
**sewing**  
**sex**  
**sex** factor  
**sex** glands  
**sextants**  
**Seychelles**  
**Seyfert** galaxies  
**SFAR**  
     *use* sound fixing and ranging  
**sferics**  
     *use* atmospheric  
**SGEMP**  
     *use* system generated  
     electromagnetic pulses  
**SGML**  
     *use* document markup languages  
**SGR** (astronomy)  
     *use* soft gamma repeaters  
**SGR** (nuclear reactors)  
     *use* sodium graphite reactors  
**SH-3** helicopter  
**SH-4** helicopter  
**SH** waves  
**Shackleton** bomber  
**shades**  
 lunar **shadow**  
**shadowgraph** photography  
 spark **shadowgraph** photography  
     *use* shadowgraph photography  
**shadowgraphs**  
     *use* shadowgraph photography  
 self **shadowing**  
**shadows**  
 convertible fan- **shaft** engines  
 journals **(shafts)**  
     *use* shafts (machine elements)  
 rotating **shafts**

- shafts** (machine elements)  
**shakers**  
**shaking**  
**shale** oil  
**shales**  
**shallow** shell equations  
**shallow** shells  
**shallow** water  
**shanks**  
*use* joints (junctions)  
**Shannon** information theory  
*use* information theory  
**Shannon-Wiener** measure  
Earth **shape**  
*use* geodesy  
line **shape**  
ogee **shape**  
T **shape**  
**shape** control  
**shape** functions  
**shape** memory alloys  
**shape** optimization  
doughnut **shape** wheels  
*use* toroidal wheels  
**shaped** charges  
**shapers**  
**shapes**  
disks **(shapes)**  
fusiform **shapes**  
*use* cones  
mode **shapes**  
*use* modal response  
rosette **shapes**  
sizing **(shaping)**  
time **sharing**  
**sharks**  
**sharp** leading edges  
**sharpness**  
**shatter** cones  
**shattering**  
*use* fragmentation  
**Shawnee** helicopter  
*use* CH-21 helicopter  
**shear**  
wind **shear**  
**shear** creep  
**shear** disturbances  
*use* S waves  
**shear** fatigue  
*use* shear stress  
**shear** flow  
magnetohydrodynamic **shear** heating  
Chapman **shear** layer  
*use* shear layers  
**shear** layers  
Dungeys wind **shear** mechanism  
*use* wind shear  
**shear** properties  
**shear** strain  
**shear** strength  
**shear** stress  
**shear** thinning  
**shear** waves  
*use* S waves  
horizontally polarized **shear** waves  
*use* SH waves  
**shearing**  
**shearing** stress  
*use* shear stress  
**shearography**  
**shears**  
myelin **sheath**  
**sheaths**  
ion **sheaths**  
plasma **sheaths**  
**shedding**  
vortex **shedding**  
**sheds**  
**sheep**
- sheet** metal  
*use* metal sheets  
**sheet** molding compounds  
**sheets**  
current **sheets**  
elastic **sheets**  
metal **sheets**  
neutral **sheets**  
vortex **sheets**  
webs **(sheets)**  
Ross ice **shelf**  
commercial off-the-**shelf** products  
**shell** anodes  
shallow **shell** equations  
**shell** galaxies  
**shell** stability  
**shell** stars  
**shell** theory  
**shellfish**  
anisotropic **shells**  
atmospheric **shells**  
*use* atmospheric stratification  
circular **shells**  
conical **shells**  
corrugated **shells**  
cylindrical **shells**  
elastic **shells**  
fluid filled **shells**  
hemispherical **shells**  
liquid filled **shells**  
metal **shells**  
orthotropic **shells**  
perforated **shells**  
plastic **shells**  
reinforced **shells**  
shallow **shells**  
spherical **shells**  
thin walled **shells**  
toroidal **shells**  
**shells** (structural forms)  
**shelters**  
lunar **shelters**  
**shelves**  
continental **shelves**  
ice **shelves**  
*use* land ice  
**Shenandoah** Valley (VA)  
**Shenzhou** 5 spacecraft  
**shergottites**  
**Shergotty** Nakhla Chassigny meteorites  
*use* SNC meteorites  
Canadian **Shield**  
Baltic **Shield** (Europe)  
**shielding**  
electromagnetic **shielding**  
electrostatic **shielding**  
heat **shielding**  
magnetic **shielding**  
nuclear **shielding**  
*use* radiation shielding  
radiation **shielding**  
radio frequency **shielding**  
reentry **shielding**  
reusable heat **shielding**  
solar radiation **shielding**  
spacecraft **shielding**  
thermal **shielding**  
*use* heat shielding  
Tower **Shielding** Reactor 2  
anticoincidence **shields**  
*use* anticoincidence detectors  
cirrus **shields**  
guards **(shields)**  
molecular **shields**  
**shields** (geology)  
*use* bedrock  
**shift**  
blue **shift**

- chemical **shift**  
*use* chemical equilibrium
- frequency **shift**
- isotope **shift**  
*use* isotope effect
- knight **shift**  
*use* nuclear magnetic resonance
- phase **shift**
- red **shift**
- stellar Doppler **shift**  
*use* Doppler effect
- threshold **shift**  
*use* thresholds
- circulators (phase **shift** circuits)  
 phase **shift** circuits
- spectral **shift** control reactor
- spectral **shift** control
- binary phase **shift** keying
- biphase **shift** keying  
*use* binary phase shift keying
- frequency **shift** keying
- phase **shift** keying
- quadrature phase **shift** keying  
*use* quadrature phase shift keying
- quadrature phase **shift** keying  
**shift** registers  
**shifting** equilibrium flow
- fluid **shifts** (biology)  
**Shillelagh** missiles
- Advanced Range Instrumentation **Ship**
- ARIS instrumentation **ship**  
*use* Advanced Range Instrumentation Ship
- Savannah nuclear **ship**
- SWATH **(ship)**  
**ship** hulls  
**ship** terminals  
**ship** to shore communication  
**ships**
- cargo **ships**
- LOTS cargo **ships**  
*use* cargo ships
- nuclear powered **ships**
- satellite communications **ships**
- surface effect **ships**
- tanker **ships**  
**shipyards**  
**Shiva** laser system  
**shivering**  
**shoals**  
**shock**
- hydraulic **shock**
- hypersonic **shock**
- mechanical **shock**
- thermal **shock**  
**shock** absorbers  
**shock** diffusers  
*use* diffusers  
 shock wave attenuation  
**shock** discontinuity  
**shock** fronts  
**shock** heating  
**shock** layers  
**shock** loads  
**shock** measuring instruments  
**shock** (physiology)  
**shock** resistance  
**shock** simulators  
**shock** spectra  
**shock** tests  
**shock** tubes
- magnetic annular **shock** tubes
- MAST **shock** tubes  
*use* magnetic annular shock tubes  
**shock** tunnels  
**shock** wave attenuation  
**shock** wave control  
**shock** wave generators  
**shock** wave interaction
- shock** wave luminescence
- shock** wave profiles
- shock** wave propagation
- shock** waves
- bow **shock** waves  
*use* shock waves
- interplanetary **shock** waves
- normal **shock** waves
- oblique **shock** waves
- interplanetary **shocks**  
*use* interplanetary shock waves
- Shoemaker-Levy 9** comet
- shoes**
- Shooting** Star aircraft  
*use* T-33 aircraft
- shops**
- Shoran**
- ship to **shore** communication
- logistics over the **shore** (LOTS) carrier
- shorelines**
- advancing **shorelines**  
*use* beaches
- Short** Belfast C MK-1 aircraft  
*use* SC-5 aircraft
- short** circuit currents
- short** circuits
- short** cracks
- short** haul aircraft
- short** range ballistic missiles
- short** range navigation  
*use* Shoran
- Short** SC-1 aircraft  
*use* SC-1 aircraft
- Short** SC-5 aircraft  
*use* SC-5 aircraft
- Short** SC-7 aircraft  
*use* SC-7 aircraft
- Apollo **short** stack
- short** takeoff & vertical landing aircraft  
*use* STOVL aircraft
- short** takeoff aircraft
- short** wave radiation
- ultra **short** wave radio equipment  
*use* very high frequency radio equipment
- short** wave radio transmission
- shortening**  
*use* reduction
- shot**
- shot** noise
- shot** peening
- Experimental Reflector Orbital **Shot** Proj
- orbital **shots**
- shoulders**
- showers**
- air **showers**  
*use* cosmic ray showers
- Auger **showers**  
*use* cosmic ray showers
- cosmic ray **showers**
- meteoroid **showers**  
**shrapnel**  
**shredding**  
**Shrike** missile  
**shrinkage**  
**shrouded** bodies  
*use* shrouds  
**shrouded** nozzles  
**shrouded** propellers  
**shrouded** turbines  
**shrouds**  
**shunts**  
*use* bypasses  
 circuits
- shutdowns**
- shutters**
- camera **shutters**
- Aeromaneuvering Orbit to Orbit **Shuttle**
- Buran space **shuttle**

## Shuttle)

- Orbit Maneuvering Engine (Space Shuttle)
- Orbital Flight Test 1 (shuttle)
  - use Space Transportation System 1 flight
- Orbital Flight Test 2 (shuttle)
  - use Space Transportation System 2 flight
- Orbital Flight Test 3 (shuttle)
  - use Space Transportation System 3 flight
- Orbital Flight Test 4 (shuttle)
  - use Space Transportation System 4 flight
- orbital flight tests (shuttle)
  - use Space Transportation System flights
- SES (Shuttle)
  - use Shuttle Engineering Simulator
- SMS (Shuttle)
  - use Shuttle Mission Simulator
- Solid Rocket Boosters (Space Shuttle)
  - use Space Shuttle Boosters
- Space Shuttle Ascent Stage
- Shuttle Avionics Integration Laboratory
  - use SAIL project
- Shuttle Boosters
  - use Space Shuttle Boosters
- Space Shuttle Boosters
- Shuttle Derived Vehicles
- Shuttle Engineering Simulator
- shuttle glow
  - use spacecraft glow
- Shuttle Imaging Radar
- Earth resources shuttle imaging radar
  - use Shuttle Imaging Radar
- Space Shuttle Main Engine
- Space Shuttle mission 31-A
- Space Shuttle mission 31-B
- Space Shuttle mission 31-C
- Space Shuttle mission 31-D
- Space Shuttle mission 41-A
- Space Shuttle mission 41-B
- Space Shuttle mission 41-C
- Space Shuttle mission 41-D
- Space Shuttle mission 41-G
- Space Shuttle mission 51-A
- Space Shuttle mission 51-B
- Space Shuttle mission 51-C
- Space Shuttle mission 51-D
- Space Shuttle mission 51-E
- Space Shuttle mission 51-F
- Space Shuttle mission 51-G
- Space Shuttle mission 51-H
- Space Shuttle mission 51-I
- Space Shuttle mission 51-J
- Space Shuttle mission 51-L
- Space Shuttle mission 61-A
- Space Shuttle mission 61-B
- Space Shuttle mission 61-C
- Space Shuttle mission 61-E
- Shuttle Mission Simulator
- Space Shuttle missions
- Space Shuttle Orbital Flight 7
  - use Space Shuttle mission 31-C
- Space Shuttle Orbital Flight 8
  - use Space Shuttle mission 31-D
- Space Shuttle Orbital Flight 9
  - use Space Shuttle mission 41-A
- Space Shuttle Orbital Flight Test 1
  - use Space Transportation System 1 flight
- Space Shuttle Orbital Flight Test 2
  - use Space Transportation System 2 flight
- Space Shuttle Orbital Flight Test 3
  - use Space Transportation System 3 flight
- Space Shuttle Orbital Flight Test 4
  - use Space Transportation System 4 flight
- Space Shuttle Orbital Flight Test 4
  - use Challenger (Orbiter)
- Space Shuttle Orbiter 101
  - use Enterprise (Orbiter)
- Space Shuttle Orbiter 102
  - use Columbia (Orbiter)
- Space Shuttle Orbiter 103
  - use Discovery (Orbiter)
- Space Shuttle Orbiter 104
  - use Atlantis (orbiter)
- Space Shuttle Orbiter 105
  - use Endeavour (orbiter)
- Shuttle Orbiters
  - use Space Shuttle orbiters
- Space Shuttle orbiters
- Shuttle pallet satellites
- Space Shuttle payloads
- Space Shuttle Solid Rocket Motors
  - use Space Shuttle Boosters
- Shuttle Superlightweight Tank
  - use external tanks
  - propellant tanks
- Space Shuttle upper stage A
- Space Shuttle upper stage D
- Space Shuttle upper stages
- space shuttles
- SI
  - use International System of Units
- sialon
- SIAM missiles
- Siberia
- SIC (coefficient)
  - use structural influence coefficients
- Sicily
- air sickness
  - use motion sickness
- altitude sickness
- decompression sickness
- motion sickness
- radiation sickness
- motion sickness drugs
- sicknesses
- SID (ionospheric disturbances)
  - use sudden ionospheric disturbances
- Hawker Siddeley aircraft
- Bristol-Siddeley BS 53 engine
- Bristol-Siddeley Olympus 593 engine
- Bristol-Siddeley Viper engine
- lunar far side
- side inlets
- side-looking radar
- single sideband modulation
  - use single sideband transmission
- double sideband transmission
- single sideband transmission
- sidebands
- sidelobe reduction
- sidelobes
- sidereal time
- siderite meteorites
  - use iron meteorites
- siderites
- siderophile elements
- sides
- sideslip
- sidewash
  - use backwash
- Sidewinder missiles
- Siebel aircraft
- Siemens 2002 computer

- Sierra** Leone  
**Sierra** Nevada Mountains (CA)  
**sieves**  
molecular **sieves**  
*use* absorbents  
**sight**  
*use* visual perception  
line of **sight**  
line of **sight** communication  
**SIGMA** 5 computer  
**SIGMA** 7  
**SIGMA** 9 computer  
**SIGMA** computers  
**sigma**-mesons  
**Sigma** Orionis  
**signal** analysis  
**signal** analyzers  
radio **signal** attenuation  
*use* radio attenuation  
**signal** detection  
**signal** detectors  
**signal** discriminators  
*use* signal detectors  
**signal** distortion  
**signal** encoding  
**signal** fadeout  
*use* signal fading  
**signal** fading  
**signal** fading rate  
**signal** flow graphs  
**signal** generators  
**signal** measurement  
electronic **signal** measurement  
*use* signal measurement  
**signal** mixing  
**signal** processing  
**signal**-processing-in-the-element  
detectors  
*use* infrared detectors  
radio **signal** propagation  
*use* radio transmission  
**signal** reception  
**signal** reflection  
**signal** stabilization  
**signal** to noise ratios  
**signal** transmission  
**signals**  
audio **signals**  
auditory **signals**  
chirp **signals**  
error **signals**  
magnetic **signals**  
monaural **signals**  
optical **signals**  
*use* optical communication  
radio **signals**  
random **signals**  
time **signals**  
video **signals**  
visual **signals**  
warning **signals**  
*use* warning systems  
**signature** analysis  
**signatures**  
infrared **signatures**  
magnetic **signatures**  
microwave **signatures**  
missile **signatures**  
radar **signatures**  
spectral **signatures**  
**significance**  
**signs** and symptoms  
**signs** (symbols)  
*use* symbols  
**Sikhote**-Alin meteorite  
**Sikkim**  
**Sikorsky** aircraft  
**Sikorsky** HSS-2 helicopter  
*use* SH-3 helicopter  
**Sikorsky** S-58 helicopter  
*use* S-58 helicopter  
**Sikorsky** S-61 helicopter  
*use* S-61 helicopter  
**Sikorsky** S-64 helicopter  
*use* CH-54 helicopter  
**Sikorsky** S-65 helicopter  
*use* H-53 helicopter  
**Sikorsky** S-67 helicopter  
*use* S-67 helicopter  
**Sikorsky** Whirlwind helicopter  
**silanes**  
**silence**  
**silencers**  
**silica**  
*use* silicon dioxide  
**silica** gel  
**silica** glass  
**silicates**  
aluminum **silicates**  
calcium **silicates**  
potassium **silicates**  
sodium **silicates**  
**silicides**  
**silicon**  
amorphous **silicon**  
metal-nitride-oxide-**silicon**  
porous **silicon**  
triphenyl **silicon**  
**silicon** alloys  
carbon-**silicon** carbide composites  
**silicon** carbides  
**silicon** compounds  
organic **silicon** compounds  
**silicon** controlled rectifiers  
**silicon** dioxide  
**silicon** films  
**silicon** isotopes  
**silicon** junctions  
**silicon** nitrides  
**silicon**-on-insulator semiconductors  
*use* SOI (semiconductors)  
**silicon**-on-sapphire junctions  
*use* SOS (semiconductors)  
**silicon**-on-sapphire semiconductors  
*use* SOS (semiconductors)  
**silicon**-on-sapphire transistors  
*use* SOS (semiconductors)  
**silicon** oxides  
**silicon** polymers  
**silicon** radiation detectors  
**silicon** rectifiers  
*use* crystal rectifiers  
**silicon** solar cells  
*use* solar cells  
**silicon** tetrachloride  
**silicon** transistors  
**silicone** resins  
**silicone** rubber  
**silicones**  
**siliconizing**  
**silk**  
**silkworms**  
missile **silos**  
**silos** (missile storage)  
*use* missile silos  
**siloxanes**  
**silts**  
*use* sediments  
**silver**  
**silver** alloys  
cadmium **silver** batteries  
*use* silver cadmium batteries  
zinc **silver** batteries  
*use* silver zinc batteries  
**silver** bromides  
**silver** cadmium batteries  
**silver** chlorides  
**silver** compounds

- silver** halides
- silver** hydrogen batteries
- silver** iodides
- silver** isotopes
- silver** nitrates
- zinc **silver** oxide batteries
  - use* silver zinc batteries
- silver** oxide zinc batteries
  - use* silver zinc batteries
- silver** oxides
- silver** zinc batteries
- silviculture**
- SIM**
- SIMD** (computers)
- SIMCOR** (image correlator)
  - use* image correlators
- similarities**
  - use* analogies
- Lagrange **similarity** hypothesis
- similarity** numbers
- similarity** theorem
- similitude** law
- simple** harmonic motion
- simplex** method
- simplification**
- SIMS** (spectrometry)
  - use* secondary ion mass spectrometry
- simulated** altitude
  - use* altitude simulation
- simulated** annealing
- simulation**
- acoustic **simulation**
- altitude **simulation**
- analog **simulation**
- atmospheric entry **simulation**
- computer **simulation**
  - use* computerized simulation
- computer systems **simulation**
- computerized **simulation**
- control **simulation**
- data **simulation**
- digital **simulation**
- direct numerical **simulation**
- distributed interactive **simulation**
- environment **simulation**
- exhaust flow **simulation**
- flight **simulation**
- hardware-in-the-loop **simulation**
- in-flight **simulation**
- inflight **simulation**
  - use* in-flight simulation
- landing **simulation**
- large eddy **simulation**
- magnetohydrodynamic **simulation**
- motion **simulation**
- neutral buoyancy **simulation**
- rheoelectrical **simulation**
- solar **simulation**
- space environment **simulation**
- systems **simulation**
- thermal **simulation**
- weightlessness **simulation**
- Spacelab **simulation** flights
  - use* Assess program
- High Vacuum Orbital **Simulator**
- HIVOS (**simulator**)
  - use* High Vacuum Orbital Simulator
- LOLA (**simulator**)
  - use* lunar orbit and landing simulators
- Lunar Gravity **Simulator**
- Shuttle Engineering **Simulator**
- Shuttle Mission **Simulator**
  - simulator** training
    - use* training simulators
  - simulators**
  - cockpit **simulators**
  - environment **simulators**
  - flight **simulators**
- lunar orbit and landing **simulators**
- missile **simulators**
- motion **simulators**
- orbital **simulators**
  - use* space simulators
- shock **simulators**
- solar **simulators**
- space **simulators**
- spacecraft cabin **simulators**
- target **simulators**
- training **simulators**
- vertical motion **simulators**
- vibration **simulators**
- simultaneous** equations
- simultaneous** image correlator
  - use* image correlators
- sine** series
- sine** waves
- Singapore**
- single** channel per carrier transmission
- single** crystals
- single** electron transistors
- single** engine aircraft
- single** event upsets
- single** input single output systems
  - use* SISO (control systems)
- single** instruction multiple datastream
  - use* SIMD (computers)
- single-phase** flow
- single** sideband modulation
  - use* single sideband transmission
- single** sideband transmission
- single** stage rocket vehicles
- single** stage to orbit vehicles
- singular** integral equations
- naked **singularities**
- singularity** (mathematics)
- sinkholes**
- sinking**
- sinks**
- heat **sinks**
- thermal **sinks**
  - use* heat sinks
- sinks** (geology)
  - use* structural basins
- Sinope**
- sintered** aluminum powder
- sintering**
- liquid phase **sintering**
- carotid **sinus** body
- carotid **sinus** reflex
- sinuses**
- paranasal **sinuses**
- sinusoids**
  - use* sine waves
- Sioux** helicopter
  - use* OH-13 helicopter
- siphoning**
- siphons**
- SIR-A**
  - use* Shuttle Imaging Radar
- SIR-B**
  - use* Shuttle Imaging Radar
- SIR-C**
  - use* Shuttle Imaging Radar
- SIR-D**
  - use* Shuttle Imaging Radar
- sirens**
- SIRIO** satellite
- SIRS** B satellite
- SIRTF**
  - use* Space Infrared Telescope Facility
- SIS** (semiconductors)
- SIS** (superconductors)
- SISO** (control systems)
- CARETS (test **site**)
  - use* Central Atlantic Regional Ecol Test Site
- Central Atlantic Regional Ecol Test **Site**

- radar target scatter **site** data processors
- site** program
- site** selection
- sites**
- binding **sites**
  - use* active sites (chemistry)
- catalytic **sites**
  - use* active sites (chemistry)
- landing **sites**
- launching **sites**
- lunar landing **sites**
- Mars landing **sites**
- offshore reactor **sites**
- web **sites**
  - use* websites
- active **sites** (chemistry)
- sitting** position
  - in **situ** measurement
  - in **situ** resource utilization
- situational** awareness
- crew **size**
- drop **size**
- grain **size**
- pupil **size**
- body **size** (biology)
  - size** determination
  - size** (dimensions)
  - size** distribution
- particle **size** distribution
  - size** separation
  - sizing** materials
  - sizing** screens
  - sizing** (separation)
    - use* size separation
  - sizing** (shaping)
  - sizing** (surface treatment)
- Falkner-**Skan** equation
- skeletal** muscle
- skeletal** myocytes
  - use* muscle fibers
- skeleton**
  - use* musculoskeletal system
- skewness**
- skid** landings
- skidding**
- skills**
  - use* abilities
- motor **skills**
  - use* sensorimotor performance
- skin** (anatomy)
- skin** friction
- skin** grafts
- skin** resistance
- galvanic **skin** response
  - skin** (structural member)
- stressed-**skin** structures
  - skin** temperature (biology)
  - skin** temperature (non-biological)
- Skinner** boxes
- skirts**
- skis**
- Grigg-**Skjellerup** comet
- Skua** rocket vehicles
- skull**
- sky**
- night **sky**
- northern **sky**
- Southern **sky**
  - sky** brightness
- all **sky** photography
  - sky** radiation
  - sky** surveys (astronomy)
  - sky** waves
- Skybolt** missile
- Skycrane** helicopter
  - use* CH-54 helicopter
- Skydrol** (trademark)
- Skyhawk** aircraft
  - use* A-4 aircraft
- skyhook** balloons
- Skylab** 1
- Skylab** 2
- Skylab** 3
- Skylab** 4
- Skylab** program
- SKYLAB** space station (unmanned)
  - use* Skylab 1
- Skylark**
  - use* Skylark rocket vehicle
- Skylark** rocket vehicle
- Skymaster** aircraft
  - use* C-54 aircraft
- Skynet** satellites
- Skyraider** aircraft
  - use* A-1 aircraft
- Skyrocket** aircraft
  - use* D-558 aircraft
- Skystreak** aircraft
  - use* D-558 aircraft
- Skyvan** aircraft
  - use* SC-7 aircraft
- Turbo-**Skyvan** aircraft
  - use* SC-7 aircraft
- Skywarrior** aircraft
  - use* A-3 aircraft
- SL** 1
  - use* Skylab 1
- SL** 2
  - use* Skylab 2
- SL** 3
  - use* Skylab 3
- SL-3** rocket engine
- SL** 4
  - use* Skylab 4
- slabs**
- plasma **slabs**
- slags**
- SLAM**
  - use* supersonic low altitude missile
- scanning laser acoustic microscope (**SLAM**)
  - use* acoustic microscopes
- slamming**
- slant**
  - use* slopes
- slant** perception
  - use* space perception
- optical **slant** range
- blade **slap**
  - use* blade-vortex interaction
- blade **slap** noise
- slashes**
  - use* clearings (openings)
- Hartree-Fock-**Slater** method
- Slater** orbitals
- leading edge **slats**
- wing **slats**
  - use* leading edge slats
- sleds**
- rocket propelled **sleds**
- sleep**
- desynchronized **sleep**
  - use* rapid eye movement state
- sleep** deprivation
- sleeves**
- slender** bodies
- slender** cones
- slender** wings
- slenderness** ratio
  - use* aspect ratio
- air **slew** missiles
- slewing**
- slicing**
- slicks**
  - use* oil slicks
- oil **slicks**

- slides**
  - use* chutes
- slides** (microscopy)
- sliding**
- sliding** contact
- sliding** friction
- slip**
- slip** bands
  - use* edge dislocations
- slip** casting
- slip** flow
- slipstreams**
- propeller **slipstreams**
- slits**
- slivers**
- slopes**
- glide **slopes**
  - use* glide paths
- sloshing**
  - use* liquid sloshing
- liquid **sloshing**
- spoiler **slot** ailerons
- slot** antennas
- slots**
- wing **slots**
  - slotted** antennas
    - use* slot antennas
  - slotted** wind tunnels
- Slovakia**
- slow** neutrons
  - use* thermal neutrons
- SLR** (ranging)
  - use* satellite laser ranging
- sludge**
- activated **sludge**
- slumping**
- slurries**
- slurry** propellants
- slush**
- slush** hydrogen
- SLV**
  - use* Standard Launch Vehicles
- Atlas **SLV-3** launch vehicle
- SLV** (soft landing vehicles)
  - use* soft landing spacecraft
- SLWT** (propellant tank)
  - use* external tanks
  - propellant tanks
- Van **Slyke** method
- SM-65** missile
  - use* Atlas launch vehicles
- SM-68** missile
  - use* Titan 1 ICBM
- SM-68B** missile
  - use* Titan 2 ICBM
- SMA** (image analysis)
  - use* spectral mixture analysis
- very **small** aperture terminals
  - use* VSAT (network)
- Small** Astronomy Satellite 1
  - use* SAS-1
- Small** Astronomy Satellite 2
  - use* SAS-2
- Small** Astronomy Satellite 3
  - use* SAS-3
- Small** Astronomy Satellites
  - use* SAS
- small** perturbation flow
- small** satellite technology
- Small** Satellite Technology Initiative
  - use* small satellite technology
- small** scientific satellites
- Small** Water Plane Area Twin Hull
  - use* SWATH (ship)
- smallpox**
- smart** materials
- smart** structures
- smear**
- smectite**
  - use* montmorillonite
- smell**
  - use* olfactory perception
- smelting**
- Kolmogorov-**Smirnov** test
- Smith** chart
- SMM-A**
  - use* Solar Maximum Mission-A
- smog**
- smoke**
- smoke** abatement
- smoke** detectors
- smoke** trails
- black **smokers** (oceanography)
  - use* submarine hydrothermal vents
- white **smokers** (oceanography)
  - use* submarine hydrothermal vents
- Great **Smoky** Mountains (NC-TN)
- smoldering**
- smooth** muscle
- smoothing**
- data **smoothing**
- SMS**
  - use* Synchronous Meteorological Satellite
- SMS** 1
- SMS** 2
- SMS** (Shuttle)
  - use* Shuttle Mission Simulator
- SMU** (maneuvering units)
  - use* self maneuvering units
- snails**
- snakes**
- snaking**
  - use* lateral oscillation
- SNAP**
- SNAP** 1
- SNAP** 2
- SNAP** 3
- SNAP** 4
- SNAP** 7
- SNAP** 8
- SNAP** 9A
- SNAP** 10A
- SNAP** 11
- SNAP** 13
- SNAP** 15
- SNAP** 17
- SNAP** 19
- SNAP** 21
- SNAP** 23
- SNAP** 27
- SNAP** 29
- SNAP** 50
- Snapshot** satellite
- SNAPTRAN** reactor
- snatching**
  - use* spacecraft recovery
- SNC** meteorites
- sneak** circuit analysis
- sneezing**
- Snellen** tests
- Snells** law
- snow**
- Snow** aerial applicator aircraft S-2B
  - use* agricultural aircraft
- snow** cover
- Snow** S-2 aircraft
  - use* agricultural aircraft
- snowplow** effect
  - use* plasma dynamics
- snowstorms**
- SOAC** (electronics)
  - use* systems-on-a-chip
- soaking**
- soaps**
- Dyna-**Soar** space glider
  - use* X-20 aircraft

- soaring**
- Sobolev** space
- SoC** (microelectronics)
  - use* systems-on-a-chip
- social** factors
- social** isolation
- social** psychiatry
- culture **(social** sciences)
- sociology**
- socks**
- sod**
- sodalite**
- sodar**
- sodium**
- liquid **sodium**
- pentobarbital **sodium**
- sodium** 22
- sodium** 24
- sodium** alloys
- sodium** azides
- sodium** bromides
- sodium** carbonates
- sodium** channels (biology)
  - use* ion channels (biology)
- sodium** chlorides
- sodium** chlorodifluoroacetates
- sodium** chromites
- sodium** compounds
- advanced **sodium** cooled reactor
- sodium** cooling
- sodium** fluorides
- sodium** gallates
- sodium** graphite reactors
- sodium** hydrides
- sodium** hydroxides
- sodium** iodides
- sodium** isotopes
- sodium** nitrates
- sodium** peroxides
- sodium** reactor experiment
- sodium** salicylates
- sodium** silicates
- sodium** sulfates
- sodium** sulfites
- sodium** sulfur batteries
- sodium** vapor
- SOFAR**
  - use* sound fixing and ranging
- SOFIA** (airborne observatory)
- soft** gamma repeaters
- soft** landing
- soft** landing spacecraft
- SLV **(soft** landing vehicles)
  - use* soft landing spacecraft
- soft** recovery
  - use* soft landing
- softening**
- strain **softening**
  - use* plastic deformation
- work **softening**
- softness**
- software** (computers)
  - use* computer programs
- software** development tools
- software** engineering
- software** engineering environments
  - use* programming environments
- SEE **(software** engineering environments)
  - use* programming environments
- software** reliability
- software** reuse
- software** tools
  - use* software development tools
- SOHO** Mission
- SOI** (semiconductors)
- lunar **soil**
  - contamination
    - use* soil pollution
  - erosion
- soil** mapping
- soil** mechanics
- soil** moisture
- soil** pollution
- soil** sampling
- soil** science
- soils**
- frozen **soils**
  - use* permafrost
- sol-gel** processes
- solar** activity
- solar** activity effects
- Solar** and Heliospheric Observatory
  - use* SOHO Mission
- solar** arrays
- rollup **solar** arrays
  - use* solar arrays
- solar** atmosphere
- solar** atriums
- solar** auxiliary power units
- solar** azimuth
  - use* azimuth
  - solar position
- Solar** Backscatter UV Spectrometer
- solar** blankets
- Solar** Cell Calibration Facility
- solar** cells
- silicon **solar** cells
  - use* solar cells
- vertical junction **solar** cells
- wraparound contact **solar** cells
  - use* solar cells
- solar** collectors
- solar** companion star
  - use* Nemesis (star)
- solar** compasses
- solar** constant
- solar** convection (astronomy)
- solar** converters
  - use* solar generators
- solar** cooling
- solar** corona
- solar** corpuscular radiation
- solar** cosmic rays
- solar** cycles
- solar** diameter
- solar** disk
  - use* sun
- solar** dynamic power systems
- solar** dynamics
  - use* helioseismology
- solar** eclipses
- solar** electric propulsion
- solar** electrons
- solar** energy
- solar** energy absorbers
- solar** energy conversion
- satellite **solar** energy conversion
- Surface Meteorology and **Solar** Energy project
- solar** faculae
  - use* faculae
- solar** flares
- solar** flux
- solar** flux density
- solar** furnaces
- solar** generators
- solar** granulation
- solar** gravitation
- solar** heating
- solar** houses
- solar** instruments
- solar** interior
- solar** lasers
  - use* solar-pumped lasers
- solar** limb
- solar** longitude
- solar** magnetic field
- Solar** Maximum Mission
- Solar** Maximum Mission-A

- Solar** Mesosphere Explorer
- solar** nebula
- solar** neighborhood
- solar** neutrinos
- solar** neutrons
- solar** noise
  - use* solar radio emission
- solar** oblateness
- solar** observatories
- Advanced Orbiting **Solar** Observatory
  - use* AOSO
- Orbiting **Solar** Observatory
  - use* OSO
- solar** optical telescope
- solar** orbits
- solar** oscillations
- solar** parallax
- solar** physics
- filaments **(solar** physics)
  - use* solar prominences
- solar** planetary interactions
- solar** plasma (radiation)
  - use* solar wind
- International **Solar** Polar Mission
  - use* Ulysses mission
- solar** ponds (heat storage)
- solar** position
- solar** power generation
  - use* solar generators
- solar** power satellites
- solar** power sources
  - use* solar generators
- satellite **solar** power stations
- solar** powered aircraft
- solar** probes
- solar** prominences
- solar** propulsion
- solar** protons
- solar**-pumped lasers
- solar** radar echoes
- solar** radiation
- Solar** Radiation 1 satellite
- Solar** Radiation 3 satellite
- solar** radiation shielding
- solar** radio bursts
- solar** radio emission
- solar** radio waves
  - use* solar radio emission
- solar** receivers
  - use* solar collectors
- solar** reflectors
- solar** rotation
- solar** sails
- solar** sea power plants
- solar** seismology
  - use* helioseismology
- solar** selective coatings
  - use* selective surfaces
- solar** sensors
- solar** simulation
- solar** simulators
- solar** spectra
- solar** spectrometers
- solar** storms
- solar** streams
  - use* solar corpuscular radiation
- solar** system
- solar** system evolution
- Grazing Incidence **Solar** Telescope
  - use* GRIST (telescope)
- solar** temperature
- solar** terrestrial interactions
- Solar** Terrestrial Relations Observatory
  - use* STEREO (observatory)
- solar** thermal electric power plants
- solar** thermal propulsion
- solar** total energy systems
- solar** transition region
- ASTEC **solar** turboelectric generator
- solar** velocity
- solar** wind
- solar** wind velocity
- solar** x-rays
- soldered** joints
- soldering**
- sonic **soldering**
  - use* ultrasonic soldering
- ultrasonic **soldering**
- solders**
- solenoid** valves
- solenoids**
- meteorological **solenoids**
- solettas**
- solid** argon
  - use* solidified gases
- solid** cryogen cooling
- solid** cryogenics
- solid** electrodes
- solid** electrolytes
- fluid- **solid** interactions
- gas- **solid** interactions
- gas- **solid** interfaces
- liquid- **solid** interfaces
- solid- **solid** interfaces
- solid** lubricants
- solid** mechanics
- solid** nitrogen
- solid** oxide fuel cells
- solid** phases
- solid** propellant combustion
- solid** propellant ignition
- solid** propellant rocket engines
- solid** propellants
- solid** rocket binders
- Solid** Rocket Boosters (Space Shuttle)
  - use* Space Shuttle Boosters
- SRB **(Solid** Rocket Boosters)
  - use* Space Shuttle Boosters
- Advanced **Solid** Rocket Motor (STS)
- Space Shuttle **Solid** Rocket Motors
  - use* Space Shuttle Boosters
- solid** rocket propellants
- solid** rotation
  - use* rotating bodies
- solid** solutions
- solid** state
- carrier density **(solid** state)
- carrier transport **(solid** state)
- CVM **(solid** state)
  - use* cluster variation method
- solid** state devices
- energy gaps **(solid** state)
- solid** state lasers
- solid** state physics
- self diffusion **(solid** state)
- solid** surfaces
- solid** suspensions
- spinning **solid** upper stage
- solid** wastes
- liquid plus **solid** zones
  - use* mushy zones
- solidification**
- rapid **solidification**
  - use* rapid quenching (metallurgy)
- directional **solidification** (crystals)
- solidified** gases
- solids**
- band structure of **solids**
- organic **solids**
- solids** flow
- solidus**
- solions**
- solitary** waves
- solithanes**
- solitons**
  - use* solitary waves
- Reed- **Solomon** codes

- Solomon** computers  
**Solrad** 10 satellite  
*use* Explorer 44 satellite  
**solstices**  
**solubility**  
**solutes**  
**solution**  
heat of **solution**  
iterative **solution**  
Pohlhausen **solution**  
*use* Pohlhausen method  
Reissner-Nordstrom **solution**  
conservation element and **solution** element  
*use* space-time CE/SE method  
**solutions**  
aqueous **solutions**  
solid **solutions**  
**solvation**  
**solvent** extraction  
traveling **solvent** method  
**solvent** refined coal  
**solvent** retention  
**solvents**  
casting **solvents**  
*use* plasticizers  
problem **solving**  
**solvolysis**  
**Somalia**  
**Sommerfeld** approximation  
Orr- **Sommerfeld** equations  
**Sommerfeld** waves  
**sonar**  
**sondes**  
rocket **sondes**  
*use* sounding rockets  
**sonic** anemometers  
**sonic** booms  
**sonic** fatigue  
*use* acoustic fatigue  
**sonic** flow  
*use* transonic flow  
**sonic** nozzles  
**sonic** soldering  
*use* ultrasonic soldering  
**sonic** speed  
*use* acoustic velocity  
**sonic** waveguides  
*use* acoustic delay lines  
**sonobuoys**  
**sonochemistry**  
*use* ultrasonic processing  
**sonograms**  
**sonoholography**  
*use* acoustical holography  
**sonoluminescence**  
**soot**  
**sorbates**  
**sorbents**  
**Soret** coefficient  
**sorghum**  
**sorption**  
**sortie** can  
*use* sortie systems  
**sortie** lab  
*use* sortie systems  
**sortie** systems  
**sorting**  
*use* classifying  
**sorting** algorithms  
**SOS** (semiconductors)  
**SOT**  
*use* solar optical telescope  
**sound**  
*use* acoustics  
McMurdo **sound**  
noise **(sound)**  
underwater **sound**  
*use* underwater acoustics  
zero **sound**
- sound** absorption  
*use* sound transmission  
Prince William **Sound** (AK)  
**sound** amplification  
**sound** barrier  
*use* acoustic velocity  
**sound** detecting and ranging  
**sound** detectors  
*use* sound transducers  
**sound** fields  
**sound** fixing and ranging  
**sound** frequencies  
*use* acoustic frequencies  
**sound** generators  
**sound** holography  
*use* acoustical holography  
**sound** intensity  
sound- **sound** interactions  
**sound** localization  
**sound** measurement  
*use* acoustic measurement  
**sound** perception  
*use* auditory perception  
**sound** pressure  
**sound** propagation  
**sound** ranging  
Block Island **Sound** (RI)  
**sound** transducers  
**sound** transmission  
**sound** velocity  
*use* acoustic velocity  
**sound** waves  
plasma **sound** waves  
*use* magnetohydrodynamic waves  
plasma waves  
orbiting radio beacon ionospheric **sounder**  
*use* ORBIS  
Pioneer Venus 2 **sounder** probe  
**sounders**  
*use* sounding  
**sounding**  
acoustic **sounding**  
atmospheric **sounding**  
balloon **sounding**  
echo **sounding**  
ionospheric **sounding**  
microwave **sounding**  
radar **sounding**  
*use* radar measurement  
rocket **sounding**  
satellite **sounding**  
high altitude **sounding** projectile  
*use* WASP sounding rocket  
window atmosphere **sounding** projectile  
*use* WASP sounding rocket  
Aries **sounding** rocket  
Black Brant 1 **sounding** rocket  
Black Brant 2 **sounding** rocket  
Black Brant 3 **sounding** rocket  
Black Brant 4 **sounding** rocket  
Black Brant 5 **sounding** rocket  
EXOS **sounding** rocket  
Petrel **sounding** rocket  
Phoenix **sounding** rocket  
WASP **sounding** rocket  
**sounding** rockets  
Black Brant **sounding** rockets  
Advanced Microwave **Sounding** Unit  
**sounds** (topographic features)  
open **source** licensing (computers)  
**source** programs  
**sources**  
aircraft power **sources**  
*use* aircraft engines  
atmospheric energy **sources**  
auxiliary power **sources**  
coherent **sources**  
*use* coherent radiation  
radiation sources

**sources**

electron **sources**  
 energy **sources**  
 extragalactic radio **sources**  
 General Purpose Heat **Sources**  
   *use* radioisotope heat sources  
 heat **sources**  
 hydraulic heating **sources**  
   *use* heat sources  
   hydraulic equipment  
 ion **sources**  
 light **sources**  
 neutron **sources**  
 nonpoint **sources**  
 offshore energy **sources**  
 plasma power **sources**  
 point **sources**  
 QSO (radio **sources**)  
   *use* quasars  
 quasi-stellar radio **sources**  
   *use* quasars  
 radiation **sources**  
 radioisotope heat **sources**  
 solar power **sources**  
   *use* solar generators  
 x ray **sources**  
 gamma ray **sources** (astronomy)  
 infrared **sources** (astronomy)  
 radio **sources** (astronomy)  
 South Africa  
   *use* Republic of South Africa  
 Republic of **South** Africa  
   **South** America  
 Amazon region (**South** America)  
 Andes Mountains (**South** America)  
   **South** Carolina  
   **South** Dakota  
   **South** Korea  
   **South** Vietnam  
     *use* Vietnam  
   **South** West Africa  
     *use* Namibia  
   **Southeast** Asia  
   **Southern** California  
   **Southern** Hemisphere  
 European **Southern** Observatory  
   **Southern** Oscillation  
   **Southern** sky  
   **Southern** Yemen  
   **sovereignty**  
   **Soviet** satellites  
   **Soviet** spacecraft  
   **Soviet** Union  
     *use* U.S.S.R.  
   **soybeans**  
   **Soyuz** spacecraft  
 Apollo **Soyuz** test project  
   **space**  
 Banach **space**  
 Cartan **space**  
 cislunar **space**  
 construction in **space**  
   *use* orbital assembly  
 deep **space**  
 Earth observations (from **space**)  
 Euclidean **space**  
   *use* Euclidean geometry  
 Faraday dark **space**  
 food production (in **space**)  
 function **space**  
 hazardous material disposal (in **space**)  
 Hilbert **space**  
 hyperbolic **space**  
   *use* hyperbolic coordinates  
 interplanetary **space**  
 interstellar **space**  
 metric **space**  
 Minkowski **space**  
 Orlicz **space**  
 Physics and Chemistry Experiment in **Space**

Riemann **space**  
   *use* Riemann manifold  
 Sobolev **space**  
 translunar **space**  
   *use* interplanetary space  
 U spin **space**  
 Deep **Space** 1 Mission  
 Office of **Space** & Terrestrial Applicable Payloads  
   *use* OSTA-1 payload  
   OSTA-2 payload  
   OSTA-3 payload  
   **space** adaptation syndrome  
 European **Space** Agency  
 Laser Interferometer **Space** Antenna  
   *use* LISA (observatory)  
   **Space** Arrow satellite  
   *use* Cosmos 149 satellite  
   **space** based radar  
   **space** bases  
   **space** biology  
     *use* exobiology  
   **space** buses  
     *use* ferry spacecraft  
   **space** capsules  
   **space** charge  
   **space** colonies  
   **space** commercialization  
   **space** communication  
   **space** cooling (buildings)  
   **space** debris  
   **space** density  
   **space** detection and tracking system  
   **space** diversity  
     *use* reception diversity  
   **space** electric rocket tests  
   **space** elevators  
   **space** environment  
     *use* aerospace environments  
   **space** environment simulation  
   **space** environmental lubrication  
     *use* spacecraft lubrication  
   **space** erectable structures  
   **Space** Exper with Particle Accelerators  
     *use* SEPAC (payload)  
   **space** exploration  
   **space** flight  
 extended duration **space** flight  
   *use* long duration space flight  
   **space** flight feeding  
 long duration **space** flight  
 manned **space** flight  
 manned **space** flight network  
 planetary **space** flight  
   *use* interplanetary flight  
 return to Earth **space** flight  
   **space** flight stress  
   **Space** Flight Tracking and Data Network  
   **space** flight training  
 Dyna-Soar **space** glider  
   *use* X-20 aircraft  
   **space** gliders  
   *use* lifting reentry vehicles  
   **space** glossaries  
 SSGS (standardized **space** guidance)  
   *use* standardized space guidance  
 standardized **space** guidance  
   **space** habitats  
   **space** heating (buildings)  
   **space** industrialization  
   **Space** Infrared Telescope Facility  
 Deep **Space** Instrumentation Facility  
 phase- **space** integral  
   **space** laboratories  
   **space** law  
   **space** logistics  
   **space** maintenance  
   **space** manufacturing  
 indigenous **space** materials utilization  
   *use* in situ resource utilization

- space** mechanics
- space** medicine
  - use* aerospace medicine
- DS1 (**space** mission)
  - use* Deep Space 1 Mission
- space** missions
- space** navigation
- Deep **Space** Network
- DSN (**space** network)
  - use* Deep Space Network
- space** observations (from Earth)
- Infrared **Space** Observatory (ISO)
- Space** Operations Center (NASA)
- free-**space** optical communication
- free-**space** optical interconnects
- space** orientation
- plasmas-in-**space** payload
- space** perception
- space** photography
  - use* spaceborne photography
- space** plasma H/V interaction
  - experiments
  - use* SPHINX
- space** plasmas
- space** platforms
- space** power reactors
- space** power unit reactors
- MAP (**space** probe)
  - use* Microwave Anisotropy Probe
- Mariner 1 **space** probe
- Mariner 2 **space** probe
- Mariner 3 **space** probe
- Mariner 4 **space** probe
- Mariner 5 **space** probe
- Mariner 6 **space** probe
- Mariner 7 **space** probe
- Mariner 8 **space** probe
- Mariner 9 **space** probe
- Mariner 10 **space** probe
- Mariner 11 **space** probe
- Mariner R 2 **space** probe
- Pioneer 1 **space** probe
- Pioneer 2 **space** probe
- Pioneer 3 **space** probe
- Pioneer 4 **space** probe
- Pioneer 5 **space** probe
- Pioneer 6 **space** probe
- Pioneer 7 **space** probe
- Pioneer 8 **space** probe
- Pioneer 9 **space** probe
- Pioneer 10 **space** probe
- Pioneer 11 **space** probe
- Pioneer 12 **space** probe
  - use* Pioneer Venus spacecraft
- Pioneer F **space** probe
  - use* Pioneer 10 space probe
- Pioneer G **space** probe
  - use* Pioneer 11 space probe
- Sunblazer **space** probe
- Zond 1 **space** probe
- Zond 2 **space** probe
- Zond 3 **space** probe
- Zond 4 **space** probe
- Zond 5 **space** probe
- Zond 6 **space** probe
- Zond 7 **space** probe
- Zond 8 **space** probe
- space** probes
- Mariner **space** probes
- Pioneer **space** probes
- Zond **space** probes
  - space** processing
  - Space** Processing Applications Rocket
- Argentine **space** program
- Australian **space** program
- Austrian **space** program
- Belgian **space** program
- Brazilian **space** program
- Canadian **space** program
- Chinese **space** program
- Czechoslovakian **space** program
- Danish **space** program
- Finnish **space** program
- French **space** program
- German **space** program
- Greek **space** program
- Hungarian **space** program
- Icelandic **space** program
- Indian **space** program
- Indonesian **space** program
- Israeli **space** program
- Italian **space** program
- Japanese **space** program
- Luxembourg **space** program
- Mexican **space** program
- Netherlands **space** program
- New Zealand **space** program
- Norwegian **space** program
- Pakistan **space** program
- Portuguese **space** program
- Russian **Space** Program
- Saudi Arabian **space** program
- Spanish **space** program
- Swedish **space** program
- Swiss **space** program
- Turkish **space** program
- U.S.S.R. **space** program
- UK **space** program
- Ukrainian **space** program
- space** programs
- European **space** programs
- NASA **space** programs
- space** psychology
- space** radiation
  - use* extraterrestrial radiation
- space** radiators
  - use* spacecraft radiators
- space** rations
- space** rendezvous
- Space** Research
- Committee on **Space** Research Organization
  - use* European Space Agency
- European **Space** Research Organization
  - use* ISRO
- Indian **Space** Research Organization
  - use* ISRO
- European **Space** Research Organization sat
  - use* ESA satellites
- space** sciences
  - use* aerospace sciences
- space** self maneuvering units
  - use* self maneuvering units
- Space** Shuttle Ascent Stage
- Space** Shuttle Boosters
- Buran **space** shuttle
- Space** Shuttle Main Engine
- Space** Shuttle mission 31-A
- Space** Shuttle mission 31-B
- Space** Shuttle mission 31-C
- Space** Shuttle mission 31-D
- Space** Shuttle mission 41-A
- Space** Shuttle mission 41-B
- Space** Shuttle mission 41-C
- Space** Shuttle mission 41-D
- Space** Shuttle mission 41-G
- Space** Shuttle mission 41-G
- Space** Shuttle mission 51-A
- Space** Shuttle mission 51-B
- Space** Shuttle mission 51-C
- Space** Shuttle mission 51-D
- Space** Shuttle mission 51-E
- Space** Shuttle mission 51-F
- Space** Shuttle mission 51-G
- Space** Shuttle mission 51-H
- Space** Shuttle mission 51-I
- Space** Shuttle mission 51-J
- Space** Shuttle mission 51-L
- Space** Shuttle mission 61-A
- Space** Shuttle mission 61-B
- Space** Shuttle mission 61-C
- Space** Shuttle mission 61-E

# Space

	<b>Space</b> Shuttle missions		<b>space</b> stations
Orbit Maneuvering Engine	<b>(Space)</b> Shuttle	Earth orbiting	<b>space</b> stations
	<b>Space</b> Shuttle Orbital Flight 7		<i>use</i> space stations
	<i>use</i> Space Shuttle mission 31-C	manned orbital	<b>space</b> stations
	<b>Space</b> Shuttle Orbital Flight 8		<i>use</i> space stations
	<i>use</i> Space Shuttle mission 31-D	MOSS	<b>(space)</b> stations
	<b>Space</b> Shuttle Orbital Flight 9		<i>use</i> space stations
	<i>use</i> Space Shuttle mission 41-A	polar platforms	<b>(space)</b> stations
	<b>Space</b> Shuttle Orbital Flight Test 1		<i>use</i> space station polar platforms
	<i>use</i> Space Transportation System 1 flight	self deploying	<b>space</b> stations
	<b>Space</b> Shuttle Orbital Flight Test 2		<i>use</i> self erecting devices
	<i>use</i> Space Transportation System 2 flight		space stations
	<b>Space</b> Shuttle Orbital Flight Test 3	inflatable	<b>space</b> storage
	<i>use</i> Space Transportation System 3 flight	large	<b>space</b> structures
	<b>Space</b> Shuttle Orbital Flight Test 4		<b>space</b> structures
	<i>use</i> Space Transportation System 4 flight		<b>space</b> suits
	<b>Space</b> Shuttle Orbital Flight Tests		<b>space</b> surveillance
	<i>use</i> Space Transportation System flights	Bioastronautical Orbital	<b>space</b> surveillance (ground based)
	<b>Space</b> Shuttle Orbital Flights		<b>space</b> surveillance (spaceborne)
	<i>use</i> Space Transportation System flights	Fermi Gamma-ray	<b>Space</b> System
	<b>Space</b> Shuttle Orbiter 099	Gamma-ray Large Area	<b>space</b> systems engineering
	<i>use</i> Challenger (Orbiter)		<i>use</i> aerospace engineering
	<b>Space</b> Shuttle Orbiter 101		<b>space</b> technology experiments
	<i>use</i> Enterprise (Orbiter)		<b>Space</b> Telescope
	<b>Space</b> Shuttle Orbiter 102		<b>Space</b> Telescope
	<i>use</i> Columbia (Orbiter)		<i>use</i> Fermi Gamma-ray Space Telescope
	<b>Space</b> Shuttle Orbiter 103		Hubble <b>Space</b> Telescope
	<i>use</i> Discovery (Orbiter)	James Webb	<b>Space</b> Telescope
	<b>Space</b> Shuttle Orbiter 104	Large	<b>Space</b> Telescope
	<i>use</i> Atlantis (orbiter)		<i>use</i> Hubble Space Telescope
	<b>Space</b> Shuttle Orbiter 105	Next Generation	<b>Space</b> Telescope project
	<i>use</i> Endeavour (orbiter)	Spitzer	<b>Space</b> Telescope
	<b>Space</b> Shuttle orbiters		<i>use</i> Space Infrared Telescope Facility
	<b>Space</b> Shuttle payloads		<b>space</b> temperature
Solid Rocket Boosters	<b>(Space)</b> Shuttle	orbital	<b>space</b> tests
	<i>use</i> Space Shuttle Boosters		<b>space-time</b> adaptive processing
	<b>Space</b> Shuttle Solid Rocket Motors		<b>space-time</b> CE/SE method
	<i>use</i> Space Shuttle Boosters		<b>space-time</b> continuum
	<b>Space</b> Shuttle upper stage A		<i>use</i> relativity
	<b>Space</b> Shuttle upper stage D		<b>space-time</b> functions
	<b>Space</b> Shuttle upper stages		<b>space-time</b> metric
	<b>space</b> shuttles		<i>use</i> space-time functions
	<b>space</b> simulators		<b>space</b> tools
Columbus	<b>space</b> station		<b>space</b> tourism
Freedom	<b>Space</b> Station		<b>space</b> transportation
	<i>use</i> Space Station Freedom		<b>space</b> transportation system
	<b>Space</b> Station Freedom		<b>Space</b> Transportation System 1 flight
Halo Orbit	<b>space</b> station		<b>Space</b> Transportation System 2 flight
International	<b>Space</b> Station		<b>Space</b> Transportation System 3 flight
ISS	<b>(space)</b> station		<b>Space</b> Transportation System 4 flight
	<i>use</i> International Space Station		<b>Space</b> Transportation System flights
Mir	<b>space</b> station	Saenger	<b>space</b> transportation system
	<b>Space</b> Station Mobile Servicing System	Sanger	<b>space</b> transportation system
	<b>space</b> station modules		<i>use</i> Saenger space transportation system
MPLM (International)	<b>Space</b> Station		outer <b>space</b> treaty
	<i>use</i> Multi-Purpose Logistics Modules		<b>space</b> tugs
MSS (International)	<b>Space</b> Station		<b>space</b> vehicle checkout program
	<i>use</i> Space Station Mobile Servicing System		<b>space</b> vehicle control
	<b>(space)</b> station		<i>use</i> spacecraft control
	<i>use</i> man tended free flyers		<b>space</b> vehicles
	<b>space</b> station payloads		<i>use</i> spacecraft
	<b>space</b> station polar platforms		<b>space</b> weapons
	<b>space</b> station power supplies		<b>space</b> weather
	<b>space</b> station propulsion		<b>space</b> weathering
	<b>Space</b> Station Remote Manipulator System	International	<b>Space</b> Year
	<i>use</i> Space Station Mobile Servicing System	space surveillance	<b>(spaceborne)</b>
Salyut	<b>space</b> station		<b>spaceborne</b> astronomy
	<b>space</b> station structures		<b>spaceborne</b> computers
SKYLAB	<b>space</b> station (unmanned)		<b>spaceborne</b> experiments
	<i>use</i> Skylab 1		<b>spaceborne</b> lasers
			<b>spaceborne</b> photography
			<b>spaceborne</b> telescopes
			<b>spacecraft</b>
		Advanced Recon Electric	<b>Spacecraft</b>
		AM-1 (EOS)	<b>spacecraft</b>
			<i>use</i> Terra spacecraft
		Apollo	<b>spacecraft</b>

- Aqua **spacecraft**
- ARES **(spacecraft)**
  - use* Advanced Reconnaissance Electric Spacecraft
- Aura **spacecraft**
- breakup **(spacecraft)**
  - use* spacecraft breakup
- Canadian **spacecraft**
- capsules **(spacecraft)**
  - use* space capsules
- cargo **spacecraft**
- Chinese **spacecraft**
- Clementine **spacecraft**
- commercial **spacecraft**
- consumables **(spacecraft)**
- Copernicus **spacecraft**
  - use* OAO 3
- Czechoslovakian **spacecraft**
- dual spin **spacecraft**
- EOS AM-1 **spacecraft**
  - use* Terra spacecraft
- ESA **spacecraft**
- European 1 **spacecraft**
- expedable stages **(spacecraft)**
  - ferry **spacecraft**
  - flexible **spacecraft**
  - Galileo **spacecraft**
  - Gemini **spacecraft**
  - Gemini 2 **spacecraft**
  - Gemini B **spacecraft**
  - Gemini (GT-1) **spacecraft**
  - housekeeping **(spacecraft)**
  - Indian **spacecraft**
    - use* Indian spacecraft
  - inflatable **spacecraft**
  - interim stages **(spacecraft)**
  - interplanetary **spacecraft**
  - interstellar **spacecraft**
  - IRS (Indian) **spacecraft**
    - use* Indian spacecraft
  - Israeli **spacecraft**
  - Janus **spacecraft**
  - Japanese **spacecraft**
    - lunar **spacecraft**
  - maneuverable **spacecraft**
  - manned **spacecraft**
  - Mariner **spacecraft**
  - Mariner C **spacecraft**
  - Mariner Mark 2 **Spacecraft**
  - Mariner Venus 67 **spacecraft**
    - Mark 1 **spacecraft**
    - Mars 1 **spacecraft**
    - Mars 2 **spacecraft**
    - Mars 3 **spacecraft**
    - Mars 4 **Spacecraft**
    - Mars 5 **spacecraft**
    - Mars 6 **spacecraft**
    - Mars 7 **spacecraft**
  - MARS (Manned Reusable) **Spacecraft**
  - Mercury **spacecraft**
  - MESSENGER **(spacecraft)**
  - MGS **(spacecraft)**
    - use* Mars Global Surveyor
  - military **spacecraft**
  - MOS (Japanese) **spacecraft**
    - use* Japanese spacecraft
  - multimission modular **spacecraft**
  - outer planet **spacecraft**
    - use* outer planets explorers
  - Phobos **spacecraft**
  - photo reconnaissance **spacecraft**
  - Pioneer Saturn **spacecraft**
    - use* Pioneer 11 space probe
  - Pioneer Venus **spacecraft**
  - Pioneer Venus 1 **spacecraft**
  - Pioneer Venus 2 **spacecraft**
  - Pioneer Venus 2 Multiprobe **spacecraft**
    - use* Pioneer Venus 2 spacecraft
  - planetary **spacecraft**
    - use* interplanetary spacecraft
  - Planet-B **spacecraft**
    - use* Nozomi Mars Orbiter
  - Polar/GGS **spacecraft**
  - postmission analysis **(spacecraft)**
  - power limited **spacecraft**
  - Radiation Meteoroid **spacecraft**
  - reconnaissance **spacecraft**
  - recoverable **spacecraft**
  - rendezvous **spacecraft**
  - reusable **spacecraft**
  - SEO (Indian) **spacecraft**
    - use* Indian spacecraft
  - SERT 1 **spacecraft**
  - SERT 2 **spacecraft**
  - Shenzhou 5 **spacecraft**
  - soft landing **spacecraft**
  - Soviet **spacecraft**
  - Soyuz **spacecraft**
  - Starprobe **spacecraft**
  - technology feasibility **spacecraft**
  - Terra **spacecraft**
  - thermoelectric **spacecraft**
    - use* TOPS (spacecraft)
  - Thermoelectric Outer Planet **Spacecraft**
    - use* TOPS (spacecraft)
  - TOPS **(spacecraft)**
  - uncontrolled reentry **(spacecraft)**
  - unmanned **spacecraft**
  - Venus orbiting imaging radar **(spacecraft)**
    - Viking **spacecraft**
    - Viking 1 **spacecraft**
    - Viking 2 **spacecraft**
    - Viking lander **spacecraft**
    - Viking orbiter **spacecraft**
    - Voskhod 1 **spacecraft**
    - Voskhod 2 **spacecraft**
    - voskhod manned **spacecraft**
    - Vostok **spacecraft**
    - Vostok 1 **spacecraft**
    - Vostok 2 **spacecraft**
    - Vostok 3 **spacecraft**
    - Vostok 4 **spacecraft**
    - Vostok 5 **spacecraft**
    - Vostok 6 **spacecraft**
    - Voyager 1 **spacecraft**
    - Voyager 2 **spacecraft**
    - Wind/GGS **spacecraft**
      - spacecraft** antennas
      - spacecraft** breakup
      - spacecraft** cabin atmospheres
      - spacecraft** cabin simulators
      - spacecraft** cabins
      - spacecraft** charging
      - Spacecraft** Charging at High Altitude
        - use* SCATHA satellite
      - autonomous **spacecraft** clocks
      - spacecraft** communication
      - spacecraft** components
      - spacecraft** computers
        - use* airborne/spaceborne computers
      - spacecraft** configurations
      - spacecraft** construction materials
      - spacecraft** contamination
      - spacecraft** control
      - spacecraft** defense
      - spacecraft** design
      - spacecraft** docking
      - spacecraft** docking modules
      - spacecraft** electronic equipment
      - spacecraft** environments
      - spacecraft** equipment
      - spacecraft** glow
      - spacecraft** guidance
      - spacecraft** instruments
      - spacecraft** landing
      - horizontal **spacecraft** landing
      - spacecraft** launching
      - spacecraft** lubrication
      - spacecraft** maintenance

	<b>spacecraft</b> maneuvers		<b>Spanish</b> Sahara
	<b>spacecraft</b> models		<b>Spanish</b> space program
	<b>spacecraft</b> modules		<b>spanloader</b> aircraft
	<b>spacecraft</b> motion		<b>spanwise</b> blowing
Magellan	<b>spacecraft</b> (NASA)		<b>SPAR</b> (rocket)
	<b>spacecraft</b> orbital assembly		<i>use</i> Space Processing Applications
	<i>use</i> orbital assembly		Rocket
	<b>spacecraft</b> orbits		<b>spare</b> parts
ingress	( <b>spacecraft</b> passageway)		<b>spark</b> chambers
	<b>spacecraft</b> performance		<b>spark</b> discharges
	<b>spacecraft</b> position indicators		<i>use</i> electric sparks
	<b>spacecraft</b> power supplies		<b>spark</b> gaps
	<b>spacecraft</b> prelaunch tests		<b>spark</b> ignition
	<i>use</i> space vehicle checkout program		<b>spark</b> machining
	<b>spacecraft</b> propulsion		<b>spark</b> plugs
	<b>spacecraft</b> radiators		<b>spark</b> shadowgraph photography
	<b>spacecraft</b> recovery		<i>use</i> shadowgraph photography
	<b>spacecraft</b> reentry	laser	<b>spark</b> spectroscopy
	<b>spacecraft</b> reliability		<i>use</i> laser-induced breakdown
	<b>spacecraft</b> rendezvous		spectroscopy
	<i>use</i> space rendezvous		<b>sparks</b>
	<b>spacecraft</b> sensors	electric	<b>sparks</b>
	<i>use</i> spacecraft instruments		<b>Sparrow</b> 2 missile
	<b>spacecraft</b> shielding		<b>Sparrow</b> 3 missile
	<b>spacecraft</b> stability		<b>Sparrow</b> missiles
	<b>spacecraft</b> sterilization		<b>Spartan</b> missile
	<b>spacecraft</b> structures		<b>Spartan</b> satellites
	<b>spacecraft</b> survivability		<b>SPAS</b> (ESA platforms)
	<b>spacecraft</b> television		<i>use</i> Shuttle pallet satellites
digital	<b>spacecraft</b> television		<b>spasms</b>
	<b>spacecraft</b> temperature		<b>spatial</b> dependencies
	<b>spacecraft</b> tracking		<b>spatial</b> distribution
	<b>Spacecraft</b> Tracking and Data Network		<b>spatial</b> filtering
	<i>use</i> STDN (network)		<b>spatial</b> isotropy
	<b>spacecraft</b> trajectories		<i>use</i> isotropy
consumables	( <b>spacecrew</b> supplies)		spatial distribution
	<b>spacecrew</b> transfer		<b>spatial</b> marching
intervehicle	<b>spacecrew</b> transfer		<b>spatial</b> orientation
	<i>use</i> spacecrew transfer		<i>use</i> attitude (inclination)
	<b>spacecrews</b>		<b>spatial</b> resolution
	<b>Spacelab</b>		<b>SPDL</b>
ACPL	( <b>Spacelab</b> )		<i>use</i> document markup languages
	<i>use</i> Atmospheric Cloud Physics Lab	public	<b>speaking</b>
	(Spacelab)	Get Away	<b>Specials</b> (STS)
Atmospheric Cloud Physics Lab	( <b>Spacelab</b> )	endangered	<b>species</b>
Large Infrared Telescope on	<b>Spacelab</b>		<b>species</b> diffusion
	<i>use</i> LIRTS (telescope)		<b>specific</b> gravity
zero-g ACPL	( <b>Spacelab</b> )		<i>use</i> density (mass/volume)
	<i>use</i> Atmospheric Cloud Physics Lab		<b>specific</b> heat
	(Spacelab)	Variable	<b>specific</b> impulse
EXPOS	( <b>Spacelab</b> payload)		<b>Specific</b> Impulse Magnetoplasma Rocket
	<b>Spacelab</b> payloads		<i>use</i> VASIMR (propulsion system)
	<b>Spacelab</b> simulation flights	application	<b>specific</b> integrated circuits
	<i>use</i> Assess program		<b>specifications</b>
	<b>Spacelab</b> UV-Optical Telescope Facility	aircraft	<b>specifications</b>
	<i>use</i> Starlab	equipment	<b>specifications</b>
Hermes manned	<b>spaceplane</b>	functional design	<b>specifications</b>
	<b>spacers</b>		<b>specimen</b> geometry
washers	( <b>spacers</b> )		<b>specimens</b>
half	<b>spaces</b>		<b>speckle</b> holography
vector	<b>spaces</b>		<b>speckle</b> interferometry
Manned Aerodynamic Reusable	<b>Spaceship</b>		<b>speckle</b> patterns
	<i>use</i> MARS (Manned Reusable		<b>spectra</b>
	Spacecraft)	absorption	<b>spectra</b>
	<b>spacetennas</b>	atomic	<b>spectra</b>
	<b>spacewalks</b>	continuous	<b>spectra</b>
	<i>use</i> extravehicular activity	electromagnetic	<b>spectra</b>
	<b>spacing</b>	electronic	<b>spectra</b>
aircraft approach	<b>spacing</b>	emission	<b>spectra</b>
	<b>SPADATS</b> (tracking system)	energy	<b>spectra</b>
	<i>use</i> space detection and tracking	gamma ray	<b>spectra</b>
	system	gratings	<b>(spectra)</b>
	<b>Spain</b>	infrared	<b>spectra</b>
	<b>spallation</b>	interstellar microwave	<b>spectra</b>
	<b>spalling</b>		<i>use</i> interstellar radiation
	<b>span</b>		microwave spectra
life	<b>span</b>	line	<b>spectra</b>
wing	<b>span</b>	Lyman	<b>spectra</b>
infinite	<b>span</b> wings	mass	<b>spectra</b>

- microwave **spectra**
- molecular **spectra**
- neutron **spectra**
- noise **spectra**
- oxygen **spectra**
- plasma **spectra**
- power **spectra**
- radiation **spectra**
- radio **spectra**
- Raman **spectra**
- rotational **spectra**
- shock **spectra**
- solar **spectra**
- stellar **spectra**
- UBV **spectra**
- ultraviolet **spectra**
- vibrational **spectra**
- x ray **spectra**
- RCA **spectra** 70 computer
- spectral** absorption
  - use* absorption spectra
- spectral** analysis
  - use* spectrum analysis
- spectral** bands
- spectral** correlation
- spectral** counterparts (astronomy)
- spectral** emission
- spectral** energy distribution
- spectral** line width
- spectral** lines
  - use* line spectra
- spectral** methods
- spectral** mixture analysis
- spectral** noise
  - use* white noise
- spectral** reconnaissance
- spectral** reflectance
- spectral** resolution
- spectral** response
  - use* spectral sensitivity
- spectral** sensitivity
- spectral** shift control
- spectral** shift control reactor
- spectral** signatures
- spectral** theory
- spectrograms**
- spectrographs**
- high dispersion **spectrographs**
- ultraviolet **spectrographs**
  - use* ultraviolet spectrometers
- X ray **spectrography**
  - use* x ray spectroscopy
- spectroheliographs**
- spectrohelioscopes**
  - use* spectroheliographs
- Alpha Magnetic **Spectrometer**
- AMS **(spectrometer)**
  - use* Alpha Magnetic Spectrometer
- Solar Backscatter UV **Spectrometer**
- Total Ozone Mapping **Spectrometer**
- spectrometers**
- Ebert **spectrometers**
- Fabry-Perot **spectrometers**
- filter wheel infrared **spectrometers**
- gamma ray **spectrometers**
- imaging **spectrometers**
- infrared **spectrometers**
- ion **spectrometers**
  - use* mass spectrometers
- laser **spectrometers**
- mass **spectrometers**
- microwave **spectrometers**
- neutron **spectrometers**
- retarding ion mass **spectrometers**
  - use* mass spectrometers
- solar **spectrometers**
- time of flight **spectrometers**
- triple axis **spectrometers**
  - use* neutron spectrometers
- ultraviolet **spectrometers**
- x ray **spectrometers**
- spectrometry**
  - use* spectroscopy
- ICP-MS **(spectrometry)**
  - use* inductively coupled plasma mass spectrometry
- inductively coupled plasma mass **spectrometry**
- LA-ICP-MS **(spectrometry)**
  - use* inductively coupled plasma mass spectrometry
- mass **spectrometry**
  - use* mass spectroscopy
- secondary ion mass **spectrometry**
- SIMS **(spectrometry)**
  - use* secondary ion mass spectrometry
- X ray **spectrometry**
  - use* x ray spectroscopy
- spectrophotography**
- spectrophotometers**
- infrared **spectrophotometers**
- ultraviolet **spectrophotometers**
- spectrophotometry**
- stellar **spectrophotometry**
- spectrophotovoltaics**
- spectropolarimeters**
  - use* polarimeters
- X Ray **Spectropolarimetry** Payload
  - use* EXPOS (Spacelab payload)
- Moderate Resolution Imaging **Spectroradiometer**
  - use* MODIS (radiometry)
- Multi-angle Imaging **Spectroradiometer**
  - use* MISR (radiometry)
- spectroradiometers**
- spectroscopes**
  - use* spectrometers
- spectroscopic** analysis
- Far UV **Spectroscopic** Explorer
- spectroscopic** telescopes
- spectroscopy**
- absorption **spectroscopy**
- astronomical **spectroscopy**
- Auger **spectroscopy**
- auroral **spectroscopy**
- coherent anti-Stokes Raman **spectroscopy**
  - use* Raman spectroscopy
- electron **spectroscopy**
- flame **spectroscopy**
- gas **spectroscopy**
- holographic **spectroscopy**
- infrared **spectroscopy**
- ion mobility **spectroscopy**
- laser **spectroscopy**
- laser spark **spectroscopy**
  - use* laser-induced breakdown spectroscopy
- laser-induced breakdown **spectroscopy**
- LASS **(spectroscopy)**
  - use* laser-induced breakdown spectroscopy
- LIBS **(spectroscopy)**
  - use* laser-induced breakdown spectroscopy
- magnetic **spectroscopy**
- magnetic resonance **spectroscopy**
- mass **spectroscopy**
- molecular **spectroscopy**
- nuclear radiation **spectroscopy**
- optical emission **spectroscopy**
- optogalvanic **spectroscopy**
- PDS **(spectroscopy)**
  - use* photothermal deflection spectroscopy
- photoacoustic **spectroscopy**
- photoelectron **spectroscopy**
- photothermal deflection **spectroscopy**
- radio **spectroscopy**
- Raman **spectroscopy**

- ultrasonic **spectroscopy**
- ultraviolet **spectroscopy**
- vacuum **spectroscopy**
- x ray **spectroscopy**
- optical **spectrum**
  - use* light (visible radiation)
  - spectra
- visible **spectrum**
  - analysis
- spread **spectrum**
  - transmission
- orbit **spectrum**
  - utilization
- specular**
  - reflection
- speech**
  - (**speech**)
- articulation (**speech**)
- consonants (**speech**)
  - speech** baseband compression
  - speech** defects
  - speech** discrimination
    - use* speech recognition
  - speech** recognition
  - speeches**
    - use* lectures
  - speed**
    - use* velocity
- critical **speed**
  - use* critical velocity
- ground **speed**
- high **speed**
- hypersonic **speed**
- landing **speed**
- light **speed**
- low **speed**
- rotor **speed**
- sonic **speed**
  - use* acoustic velocity
- subsonic **speed**
- supersonic **speed**
- tip **speed**
- transonic **speed**
  - high **speed** cameras
- transmission **speed** (communications)
  - use* transmission rate (communications)
  - speed** control
  - high **speed** flight
    - use* flight
    - high speed
  - speed** indicators
- very high **speed**
  - integrated circuits
    - use* VHSIC (circuits)
  - high **speed** photography
- constant **speed**
  - propellers
    - use* variable pitch propellers
  - speed** regulation
    - use* speed control
  - speed** regulators
  - low **speed** stability
  - high **speed** transportation
    - use* rapid transit systems
  - low **speed** wind tunnels
- speedometers**
  - use* speed indicators
- spent** fuels
- spermatocytes**
  - use* gametocytes
- spermatogenesis**
- spermatozoa**
- Spert** reactors
- SPF** (materials)
  - use* superplastic forming
- sphalerite**
  - use* zincblende
- celestial **sphere**
- Riemann **sphere**
  - use* Riemann manifold
- spheres**
- concentric **spheres**
- falling **spheres**
- Poincare **spheres**
- rotating **spheres**
  - spherical** antennas
  - spherical** caps
  - spherical** coordinates
  - spherical** harmonics
  - spherical** plasmas
  - spherical** shells
  - spherical** tanks
  - spherical** waves
- spheroids**
- oblate **spheroids**
- prolate **spheroids**
- spheromaks**
- spherules**
- spherulites**
- SPHINX**
- sphygmography**
- spicules**
- spiders**
- spike**
  - antennas
  - use* monopole antennas
- spike** nozzles
- spike** potentials
- spikes**
- spikes** (aerodynamic configurations)
- spiking**
- spilling**
- spin**
  - aircraft **spin**
  - electron **spin**
  - isotopic **spin**
  - nuclear **spin**
  - particle **spin**
  - polarization (**spin** alignment)
  - spin-**spin** coupling
  - spin** decoupling
  - spin** dynamics
  - spin** exchange
  - spin** forging
    - use* metal spinning
  - spin** glass
  - spin**-lattice relaxation
  - spin**-orbit interactions
  - spin** reduction
  - spin** resonance
  - electron **spin** resonance
    - use* electron paramagnetic resonance
  - muon **spin** rotation
  - visible infrared **spin** scan radiometer
  - U **spin** space
  - dual **spin** spacecraft
  - spin** stabilization
  - spin** temperature
  - spin** tests
  - spin** waves
    - use* magnons
  - spinach**
  - spinal** cord
  - spinal** cord injuries
  - spindles**
  - spine**
  - spinel**
  - spinners**
  - melt **spinning**
  - metal **spinning**
  - wet **spinning**
    - (metallurgy)
    - use* metal spinning
  - spinning** solid upper stage
  - spinning** unguided rocket trajectory
  - spinor** groups
  - spiral** antennas
  - log **spiral**
    - antennas
    - bevel gears
    - galaxies
    - wrapping
  - spirals**
  - spirals** (concentrators)
  - spirometers**

- Spitsbergen** (Norway)
- Spitzer** Space Telescope  
*use* Space Infrared Telescope Facility
- splashing**
- spleen**
- splicing**
- spline** functions
- splines**
- splints**
- split** flaps
- splits** (geology)  
*use* geological faults
- beam **splitters**
- splitting**
- crystal field **splitting**  
*use* crystal field theory
- flux difference **splitting**
- flux vector **splitting**
- water **splitting**
- Roe flux difference **splitting** scheme  
*use* flux difference splitting
- spodumene**
- spoiler** slot ailerons
- spoilers**
- spokes**
- sponges** (materials)
- spontaneous** combustion
- spontaneous** emission
- spools**
- sporadic** E layer
- sporadic** meteoroids
- spores**
- sports** medicine
- Jupiter red **spot**
- SPOT** (French satellite)
- flying **spot** scanners
- spot** welds
- spray** characteristics
- spray** condensers
- spray** ingestion
- spray** nozzles
- salt **spray** tests
- sprayed** coatings
- sprayed** protective coatings  
*use* protective coatings  
sprayed coatings
- sprayers**
- spraying**
- arc **spraying**
- flame **spraying**
- high velocity oxy-fuel **spraying**  
*use* HVOF thermal spraying
- high velocity oxygen fuel thermal **spraying**  
*use* HVOF thermal spraying
- HVOF thermal **spraying**
- metal **spraying**
- plasma **spraying**
- plasma arc **spraying**  
*use* arc spraying
- spraying** apparatus  
*use* sprayers
- sprays**  
*use* sprayers
- fuel **sprays**
- propellant **sprays**
- spread** F
- point **spread** functions
- spread** reflection
- spread** spectrum transmission
- spreading**
- ocean floor **spreading**  
*use* sea floor spreading
- sea floor **spreading**
- spreadsheets**
- Hartmann- **Sprenger** tubes
- spring** (season)
- springs** (elastic)
- springs** (water)
- sprinkling**
- Sprint** missile
- SPRITE** detectors  
*use* infrared detectors
- red **sprites**  
*use* sprites (atmospheric physics)
- sprites** (atmospheric physics)
- North Polar **Spur** (astronomy)
- SPUR** (reactors)  
*use* space power unit reactors
- SPURT** (trajectories)  
*use* spinning unguided rocket  
trajectory
- Sputnik** 1 satellite
- Sputnik** 2 satellite
- Sputnik** 3 satellite
- Sputnik** 4 satellite
- Sputnik** 5 satellite
- Sputnik** satellites
- sputtering**
- magnetron **sputtering**
- sputtering** gages
- squalls**
- squama**
- root-mean- **square** errors
- Latin **square** method
- mean **square** values
- square** waves
- square** wells
- squares** (mathematics)
- least **squares** method
- squeeze** casting
- squeeze** films
- squeezed** states (quantum theory)
- squeezing**  
*use* compressing
- quelch** circuits
- XM-6 **squib**  
*use* squibs
- XM-8 **squib**  
*use* squibs
- squibs**
- squid** (detectors)
- SQUID** project
- squirrels**
- ground **squirrels**
- SR-71** aircraft
- Bi- **Sr-Ca-Cu-O** superconductors
- SR-N2** ground effect machine  
*use* Westland ground effect machines
- Westland **SR-N2** ground effect machine  
*use* Westland ground effect machines
- Westland **SR-N2** hovercraft  
*use* Westland ground effect machines
- SR-N3** ground effect machine  
*use* Westland ground effect machines
- Westland **SR-N3** ground effect machine  
*use* Westland ground effect machines
- Westland **SR-N3** hovercraft  
*use* Westland ground effect machines
- SR-N5** ground effect machine  
*use* Westland ground effect machines
- Westland **SR-N5** ground effect machine  
*use* Westland ground effect machines
- SR** (reactors)  
*use* saturable reactors
- SRB** project  
*use* Surface Radiation Budget project
- SRB** (Solid Rocket Boosters)  
*use* Space Shuttle Boosters
- SRE** reactor  
*use* sodium reactor experiment
- SRET** 1 satellite
- SRET** 2 satellite
- SRET** satellites
- Sri Lanka**
- SS-11** missile
- SSE** project  
*use* Surface Meteorology and Solar  
Energy project

- SSGS** (standardized space guidance)  
*use* standardized space guidance
- SSTI**  
*use* small satellite technology
- SSUS-A**  
*use* Space Shuttle upper stage A
- SSUS-D**  
*use* Space Shuttle upper stage D
- St** Lawrence Valley (North America)
- St** Louis-Kansas City Corridor (MO)
- St** Venant flexure problem  
*use* Saint Venant principle
- stability**
- acoustic **stability**  
*use* frequency stability
- aerodynamic **stability**
- aircraft **stability**
- attitude **stability**
- boundary layer **stability**
- combustion **stability**
- control **stability**
- controlled **stability**  
*use* control
- dimensional **stability**
- directional **stability**
- dynamic **stability**
- elastic **stability**  
*use* damping
- flame **stability**
- flow **stability**
- flying platform **stability**  
*use* aerodynamic stability  
 flying platforms
- frequency **stability**
- gyroscopic **stability**
- hovering **stability**
- hydrodynamic **stability**  
*use* flow stability
- hydromagnetic **stability**  
*use* magnetohydrodynamic stability
- interface **stability**
- laser **stability**
- lateral **stability**
- longitudinal **stability**
- low speed **stability**
- magnetohydrodynamic **stability**
- motion **stability**
- numerical **stability**
- plasma **stability**  
*use* magnetohydrodynamic stability
- pulling (frequency **stability**)  
*use* frequency pulling
- rotary **stability**
- shell **stability**
- spacecraft **stability**
- static **stability**
- storage **stability**
- structural **stability**
- surface **stability**
- systems **stability**
- thermal **stability**  
**stability** augmentation  
**stability** derivatives  
**stability** (materials)  
**stability** tests  
 flight **stability** tests  
 wind tunnel **stability** tests
- stabilization**
- missile **stabilization**  
*use* missile control  
 stabilization
- signal **stabilization**
- spin **stabilization**
- three axis **stabilization**  
**stabilized** platforms  
**stabilized** zirconia  
**stabilizers**
- current **stabilizers**  
*use* current regulators
- horizontal **stabilizers**  
*use* stabilizers (fluid dynamics)
- vertical **stabilizers**  
*use* stabilizers (fluid dynamics)
- stabilizers** (agents)  
**stabilizers** (fluid dynamics)
- stable** oscillations
- Apollo short **stack**
- stacking** fault energy
- stacking** faults  
*use* crystal defects
- stacking** sequence (composite materials)
- stacks**
- STADAN** (satellite tracking network)  
*use* STDN (network)
- stadimeters**
- Ares 1 first **stage**
- Ares 1 upper **stage**
- Inertial Upper **Stage**
- Lunar Module Ascent **Stage**
- Saturn S-1 **stage**
- Saturn S-1B **stage**
- Saturn S-1C **stage**
- Saturn S-2 **stage**
- Saturn S-4 **stage**
- Saturn S-4B **stage**
- Space Shuttle Ascent **Stage**
- spinning solid upper **stage**
- Space Shuttle upper **stage** A
- Space Shuttle upper **stage** D
- two **stage** plasma engines
- upper **stage** rocket engines
- single **stage** rocket vehicles  
**stage** separation
- interim upper **stage** (STS)  
*use* Inertial Upper Stage
- single **stage** to orbit vehicles
- two **stage** turbines
- Saturn **stages**
- Space Shuttle upper **stages**
- expendable **stages** (spacecraft)
- interim **stages** (spacecraft)
- staggering**
- staging** (rockets)  
*use* stage separation
- stagnation** flow
- stagnation** point
- stagnation** pressure
- stagnation** region  
*use* stagnation point
- stagnation** temperature
- staining**
- stainless** steels
- austenitic **stainless** steels
- ferritic **stainless** steels
- martensitic **stainless** steels
- staircases**  
*use* stairways
- stairsteps**
- stairways**
- stalling**
- aerodynamic **stalling**
- rotating **stalls**
- stamping**
- standard** atmospheres  
*use* reference atmospheres
- standard** deviation
- standard** electroweak model  
*use* electroweak model
- standard** launch vehicle 3  
*use* Atlas SLV-3 launch vehicle
- Standard** Launch Vehicle 5
- Standard** Launch Vehicles
- standard** model (particle physics)
- standardization**
- standardized** space guidance
- SSGS (**standardized** space guidance)  
*use* standardized space guidance

- standards
- frequency **standards**
- references **(standards)**
  - use* standards
- standing** wave ratios
- standing** waves
- modes **(standing** waves)
- nodes **(standing** waves)
- stands**
  - use* supports
- test **stands**
- stannates**
- stannides**
- niobium **stannides**
- Stanton** number
- STAP** (radar)
  - use* space-time adaptive processing
- staphylococcus**
- Mira Ceti **star**
  - use* Omicron Ceti star
- Nemesis **(star)**
- Omicron Ceti **star**
- solar companion **star**
  - use* Nemesis (star)
- Van Biesbroeck **star**
- Zeta Aurigae **star**
- CDC **Star** 100 computer
- Jet **Star** aircraft
  - use* C-140 aircraft
- Shooting **Star** aircraft
  - use* T-33 aircraft
- Warning **Star** aircraft
  - use* C-121 aircraft
- star** catalogs
  - use* astronomical catalogs
- Virgo **star** cluster
  - use* Virgo galactic cluster
- star** clusters
- Praesepe **star** clusters
- star** distribution
- star** fields
  - use* star distribution
- star** formation
- star** formation rate
- Hyla-**Star** rocket vehicle
- CCD **star** tracker
- Stellar **(star** tracker)
  - use* CCD star tracker
- star** trackers
- star** tracking
  - use* star trackers
- starburst** galaxies
- starches**
- Stardust** Mission
- Starfighter** aircraft
  - use* F-104 aircraft
- Stark** effect
- Starlab**
- Starlifter** aircraft
  - use* C-141 aircraft
- Starprobe** mission
- Starprobe** spacecraft
- starquakes**
- stars**
- A **stars**
- AGB **stars**
  - use* asymptotic giant branch stars
- asymptotic giant branch **stars**
- B **stars**
- binary **stars**
- blue **stars**
- brown dwarf **stars**
- C **stars**
  - use* carbon stars
- carbon **stars**
- companion **stars**
- cool **stars**
- double **stars**
- dwarf **stars**
- early **stars**
- eclipsing binary **stars**
- F **stars**
- flare **stars**
- G **stars**
- giant **stars**
- helium **stars**
  - use* B stars
- horizontal branch **stars**
- hot **stars**
- infrared **stars**
- irregular variable **stars**
- K **stars**
- Lambda Tauri **stars**
- laser guide **stars**
- late **stars**
- M **stars**
- magnetic **stars**
- main sequence **stars**
- massive **stars**
- metallic **stars**
- neutron **stars**
- O **stars**
- peculiar **stars**
- Population I **stars**
- Population II **stars**
- Population III **stars**
- pre-main sequence **stars**
- primordial **stars**
  - use* Population III stars
- R Coronae Borealis **stars**
- radio **stars**
- RCB **stars**
  - use* R Coronae Borealis stars
- red dwarf **stars**
- red giant **stars**
- reference **stars**
- S **stars**
- semiregular variable **stars**
- shell **stars**
- subdwarf **stars**
- subgiant **stars**
- supergiant **stars**
- supermassive **stars**
- symbiotic **stars**
- T Tauri **stars**
- triple **stars**
- UV Ceti **stars**
  - use* flare stars
- variable **stars**
- W **stars**
  - use* Wolf-Rayet stars
- white dwarf **stars**
- Wolf-Rayet **stars**
- W-R **stars**
  - use* Wolf-Rayet stars
- x ray **stars**
- stars** (mathematics)
- Starsat** telescope
- Starsite** program
- starspots**
- air **start**
- starters**
- engine **starters**
- starting**
- in-flight **starting**
  - use* air start
- reactor **startup** tests
- carrier density (solid **state**)
- carrier transport (solid **state**)
- CVM (solid **state**)
  - use* cluster variation method
- energy gaps (solid **state**)
- equations of **state**
- ground **state**
- Hugoniot equation of **state**
- metastable **state**
- rapid eye movement **state**
- self diffusion (solid **state**)

- solid **state**
- steady **state**
- triplet **state**
  - use* atomic energy levels
- unsteady **state**
- y-rast **state**
- steady **state** creep
- solid **state** devices
  - state** equations
    - use* equations of state
  - state** estimation
- steady **state** flow
  - use* equilibrium flow
- solid **state** lasers
- finite-**state** machines
  - use* Turing machines
- solid **state** physics
- state** vectors
- armed forces (United States)
- Commonwealth of Independent States
- electron **states**
- excited **states**
  - use* excitation
- quasi-steady **states**
- rotational **states**
- sea **states**
- two photon coherent **states**
  - use* squeezed states (quantum theory)
- United States
- USA (United States)
  - use* United States
- vibrational **states**
- squeezed **states** (quantum theory)
  - static** aerodynamic characteristics
  - static** alternators
  - static** characteristics
  - static** deformation
  - static** dischargers
  - static** electricity
  - static** firing
  - static** friction
  - static** inverters
  - static** loads
  - static** models
  - static** pressure
  - static** stability
  - static** tests
  - static** thrust
  - statics**
- Columbus space **station**
- Freedom Space **Station**
  - use* Space Station Freedom
- Halo Orbit space **station**
- International Space **Station**
- ISS (space **station**)
  - use* International Space Station
- Mir space **station**
- MPLM (International Space **Station**)
  - use* Multi-Purpose Logistics Modules
- MSS (International Space **Station**)
  - use* Space Station Mobile Servicing System
- MTFF (space **station**)
  - use* man tended free flyers
- Salyut space **station**
- Space **Station** Freedom
- Space **Station** Mobile Servicing System
- space **station** modules
- space **station** payloads
- space **station** polar platforms
- space **station** power supplies
- space **station** propulsion
- Space **Station** Remote Manipulator System
  - use* Space Station Mobile Servicing System
- space **station** structures
- integrated global ocean **station** systems
- SKYLAB space **station** (unmanned)
  - use* Skylab 1
- stationary** orbits
- stationkeeping**
- stations**
- Automatic Universal Orbiting **Stations**
- automatic weather **stations**
- crew **stations**
  - use* crew workstations
- crew experiment **stations**
- crew observation **stations**
- Earth orbiting space **stations**
  - use* space stations
- ground **stations**
- hydroelectric power **stations**
- hydropower **stations**
  - use* hydroelectric power stations
- manned orbital space **stations**
  - use* space stations
- meteorological **stations**
  - use* weather stations
- MOSS (space **stations**)
  - use* space stations
- ocean data **stations**
  - use* ocean data acquisitions systems
- orbiting lunar **stations**
- payload **stations**
- polar platforms (space **stations**)
  - use* space station polar platforms
- satellite solar power **stations**
- self deploying space **stations**
  - use* self erecting devices
  - space stations
- space **stations**
- tracking **stations**
- weather **stations**
  - statistical** analysis
- multivariate **statistical** analysis
  - statistical** analysis
  - statistical** communication theory
    - use* communication theory
  - statistical** correlation
  - statistical** decision theory
  - statistical** distributions
  - statistical** mechanics
  - statistical** moments
    - use* distribution moments
  - statistical** probability
    - use* probability theory
  - statistical** tests
  - statistical** weather forecasting
- Bayesian **statistics**
  - use* Bayes theorem
- Bose-Einstein **statistics**
  - use* quantum statistics
- discriminant analysis (**statistics**)
- entropy (**statistics**)
- Fermi-Dirac **statistics**
- median (**statistics**)
- mode (**statistics**)
- nonparametric **statistics**
- normalizing (**statistics**)
- outliers (**statistics**)
- quantum **statistics**
- regression (**statistics**)
  - use* regression analysis
- variance (**statistics**)
- stator** blades
- rotor **stator** interactions
- stators**
- statutes**
  - use* law (jurisprudence)
- stays**
  - use* guy wires
- STDN (network)
- steady** flow
- steady** state
- steady** state creep

- steady** state flow
  - use* equilibrium flow
- quasi-**steady** states
- stealth** bomber
  - use* B-2 aircraft
- stealth** technology
- steam**
- steam** flow
- steam** generators
  - use* boilers
- steam** turbines
- stearates**
- stearothermophilus**
- steatite**
  - use* talc
- bainitic **steel**
- Blue **Steel** missile
- steel** structures
- steels**
- austenitic stainless **steels**
- carbon **steels**
- chromium **steels**
- ferritic stainless **steels**
- high strength **steels**
- low alloy **steels**
  - use* high strength steels
- low carbon **steels**
- maraging **steels**
- martensitic stainless **steels**
- nickel **steels**
- stainless **steels**
- steep** gradient aircraft
  - use* V/STOL aircraft
- steepest** ascent method
  - use* steepest descent method
- steepest** descent method
- steepness**
  - use* slopes
- steerable** antennas
- inertialess **steerable** antennas
- steering**
- beam **steering**
- steering** rockets
  - use* control rockets
- Stefan-Boltzmann law**
- steganography**
- stellar** activity
- stellar** atmospheres
- stellar** color
- stellar** composition
- stellar** convection
- stellar** cores
- stellar** coronas
- stellar** Doppler shift
  - use* Doppler effect
- stellar** envelopes
- stellar** evolution
- stellar** fields
  - use* star distribution
- stellar** flares
- stellar** gravitation
- stellar** interiors
- stellar** luminosity
- stellar** magnetic fields
- stellar** magnetospheres
- stellar** magnitude
- stellar** mass
- stellar** mass accretion
- stellar** mass ejection
- stellar** models
- stellar** motions
- stellar** occultation
- stellar** orbits
- stellar** oscillations
- stellar** parallax
- stellar** physics
- stellar** radiation
- quasi-**stellar** radio sources
  - use* quasars
- stellar** rotation
- stellar** seismology
  - use* asteroseismology
- stellar** spectra
- stellar** spectrophotometry
- Stellar** (star tracker)
  - use* CCD star tracker
- stellar** structure
- stellar** systems
- stellar** temperature
- stellar** winds
- stellarators**
- Haynes **Stellite**
  - use* Stellite (trademark)
- Stellite** (trademark)
- brain **stem**
- stem** cells
- stems**
- stencil** processes
- step** faults
  - use* geological faults
- step** functions
- step** recovery diodes
- stepped** leaders
- steppes**
- stepping** motors
- stepping** switches
- steps**
- backward facing **steps**
- forward facing **steps**
- rearward facing **steps**
  - use* backward facing steps
- STEREO** (observatory)
- stereochemistry**
- stereography**
  - use* stereophotography
- stereolithography**
  - use* lithography
- stereophonics**
- stereophotography**
- stereoscopic** photography
  - use* stereophotography
- stereoscopic** vision
- stereoscopy**
- stereotelevision**
- sterilization**
- chemical **sterilization**
- spacecraft **sterilization**
- sterilization** effects
- sterns**
  - use* afterbodies
- sternum**
- steroids**
- stethoscopes**
- control **sticks**
- stiction**
- Stieltjes** integral
- stiff** structures
  - use* rigid structures
- stiffening**
- stiffness**
- stiffness** matrix
- stigmatism**
- stilbene**
- stills**
- stimulants**
- central nervous system **stimulants**
- stimulated** emission
- stimulated** emission devices
- stimulation**
- self **stimulation**
- sensory **stimulation**
- stimuli**
- auditory **stimuli**
- caloric **stimuli**
- electric **stimuli**
- subliminal **stimuli**
- visual **stimuli**
- friction **stir** welding

- Stirling** cycle
- Stirling** engines
- stirring**
- stishovite**
- stochastic** processes
- stockpiling**
- stoichiometry**
- Stokes-Beltrami** equation
- Navier-**Stokes** equation
- Stokes** flow
- Stokes** law
- Stokes** law (fluid mechanics)
- Stokes** law of radiation
- coherent anti-**Stokes** Raman spectroscopy
  - use* Raman spectroscopy
- Stokes** theorem (vector calculus)
- STOL** aircraft
  - use* short takeoff aircraft
- V/**STOL** aircraft
- experimental **STOL** transport rsch airplane
  - use* Questol aircraft
- stomach**
- kidney **stones**
  - stones** (rocks)
    - use* rocks
  - stony**-iron meteorites
  - stony** meteorites
  - stopcocks**
    - use* cocks
- seals **(stoppers)**
- stopping**
- stopping** power
- propellant **storability**
- storage** propellants
- storage**
- associative **storage**
  - use* associative memory
- buffer **storage**
- core **storage**
- cryogenic **storage**
- cryogenic computer **storage**
- cryogenic fluid **storage**
- data **storage**
- delay lines (computer **storage**)
- document **storage**
- electric energy **storage**
- energy **storage**
- heat **storage**
- ion **storage**
- machine **storage**
  - use* computer storage devices
  - core storage
- magnetic **storage**
- magnetic energy **storage**
- missile **storage**
- optical memory (data **storage**)
- propellant **storage**
- silos (missile **storage**)
  - use* missile silos
- solar ponds (heat **storage**)
- space **storage**
- thermal energy **storage**
  - use* heat storage
- underground **storage**
  - storage** batteries
- computer **storage** devices
- energy **storage** devices
  - use* energy storage
- optical data **storage** materials
  - storage** rings (particle accelerators)
  - storage** stability
  - storage** tanks
  - store** release
    - use* external store separation
- external **store** separation
- external **stores**
- fuselage-wing **stores**
  - use* wing-fuselage stores
- Pods (external **stores**)
- wing-fuselage **stores**
- sudden **storm** commencements
- storm** damage
- storm** enhancement
- storm** suppression
- storm** surges
- storms**
- dust **storms**
- geomagnetic **storms**
  - use* magnetic storms
- ionospheric **storms**
- magnetic **storms**
- noise **storms**
- solar **storms**
- tropical **storms**
  - storms** (meteorology)
- Severe **Storms** Observing Satellite
  - use* StormSat satellite
- National Severe **Storms** Project
- StormSat** satellite
- Stoss**-and-Lee topography
  - use* glacial drift
- STOVL** aircraft
- stowage** (onboard equipment)
- straight** wings
  - use* rectangular wings
- axial **strain**
- interfacial **strain**
  - use* interfacial tension
- plane **strain**
- shear **strain**
- structural **strain**
- uniaxial **strain**
  - use* axial strain
- volumetric **strain**
  - strain** aging
    - use* precipitation hardening
- stress- **strain** diagrams
- strain** distribution
- strain** energy methods
- strain** energy release rate
- strain** fatigue
  - use* fatigue (materials)
- strain** gage accelerometers
- strain** gage balances
- strain** gages
- strain** hardening
- strain** measurement
- strain** rate
- stress- **strain** relationships
- strain** softening
  - use* plastic deformation
- stress- **strain**-time relations
- Torres **Strait**
- straits**
- strakes**
- strands**
- strange** attractors
- strangeness**
- strapdown** inertial guidance
- straps**
- strata**
- strategic** materials
- strategy**
- stratification**
- atmospheric **stratification**
- stratified** flow
- stratified** layers
  - use* strata
- stratigraphy**
- stratocumulus** clouds
- Stratofortress** aircraft
  - use* B-52 aircraft
- Stratojet** aircraft
  - use* B-47 aircraft
- stratopause**
- Stratoscope** 1 telescope
  - use* stratoscope telescopes

- Stratoscope 2 telescope
  - use* stratoscope telescopes
- stratoscope telescopes
- stratosphere
- stratosphere radiation
- Stratospheric Aerosol & Gas Experiment
  - use* SAGE satellite
- Stratospheric Observatory for IR Astronomy
  - use* SOFIA (airborne observatory)
- stratospheric warming
- Stratotanker aircraft
  - use* C-135 aircraft
- stratus clouds
- streak cameras
- Blue Streak launch vehicle
- Blue Streak missile
- streak photography
- Gulf Stream
- multiple instruction multiple data stream
  - use* MIMD (computers)
- variable stream control engines
- free stream effects
  - use* free flow
- stream functions (fluids)
- acoustic streaming
- streamline flow
  - use* laminar flow
- streamlined bodies
- streamlining
- streams
- free streams
  - use* free flow
- gas streams
- solar streams
  - use* solar corpuscular radiation
- jet streams (meteorology)
- Karman vortex street
- streets
- vortex streets
- strength
- bending strength
  - use* flexural strength
- cold strength
- compressive strength
- creep strength
- creep rupture strength
- elastic strength
  - use* proportional limit
- electric field strength
- fiber strength
- field strength
- flexural strength
- fracture strength
- high strength
- impact strength
- material strength
  - use* mechanical properties
- microyield strength
- muscular strength
- notch strength
- residual strength
- shear strength
- stress rupture strength
  - use* creep rupture strength
- tensile strength
- weld strength
- yield strength
- high strength alloys
- strength of materials
  - use* mechanical properties
- high strength steels
- dispersion strengthening
- oxide dispersion strengthening
- oscillator strengths
- streptococcus
- streptomycetes
- streptomycin
- axial stress
- centrifuging stress
- combined stress
- critical stress
  - use* critical loading
- flight stress
- inelastic stress
- interlaminar stress
- internal stress
  - use* residual stress
- mental stress
  - use* stress (psychology)
- plane stress
- plant stress
- residual stress
- Reynolds stress
- shear stress
- shearing stress
  - use* shear stress
- space flight stress
- tensile stress
- torsional stress
- vibrational stress
- hydrothermal stress analysis
- x ray stress analysis
- stress (biology)
- flight stress (biology)
- matrix stress calculation
  - use* matrix methods
- stress calculations
  - use* stress analysis
- stress concentration
- stress corrosion
- stress corrosion cracking
- stress cycles
- stress distribution
- stress fields
  - use* stress distribution
- stress functions
- stress intensity factors
- stress measurement
- photoelastic stress measurement
  - use* photoelastic analysis
- x ray stress measurement
- stress (physiology)
- stress propagation
- stress (psychology)
- stress ratio
- stress relaxation
- stress relieving
- stress rupture strength
  - use* creep rupture strength
- stress-strain diagrams
- stress-strain relationships
- stress-strain-time relations
- stress tensors
- stress waves
- stressed-skin structures
- stresses
- thermal stresses
- triaxial stresses
- acceleration stresses (physiology)
- stretch forming
- stretchers
- stretching
- striated muscle
  - use* skeletal muscle
- striation
- string theory
- stringers
- strings
- strip
- parallel strip lines
  - use* microstrip transmission lines
- strip mining
- strip transmission lines
- stripping
- anodic stripping

- ion **stripping**
- paint **stripping**
  - use* paint removal
- stripping** (distillation)
- metal **strips**
- stroboscopes**
- heat **stroke**
  - stroke** volume
- strokes**
- stroking** tests
- strong** interactions (field theory)
- strongly** coupled plasmas
- strontium**
- strontium** 85
- strontium** 87
- strontium** 88
- strontium** 89
- strontium** 90
- strontium** bromides
- strontium** compounds
- strontium** fluorides
- strontium** isotopes
- strontium** oxides
- strontium** sulfides
- strontium** titanates
- strontium** zirconates
- Strouhal** number
- Drones for Aerodynamic and **Struct** Test
  - use* DAST program
- vibrational frequencies **(structural)**
  - use* resonant frequencies
- structural** analysis
- dynamic **structural** analysis
- NASA **Structural** Analysis program
  - use* NASTRAN
- structural** basins
- structural** beams
  - use* beams (supports)
- structural** design
- structural** design criteria
- structural** dynamics
  - use* dynamic structural analysis
- structural** engineering
- structural** failure
- structural** fatigue
  - use* fatigue (materials)
- domes **(structural** forms)
- shells **(structural** forms)
- structural** foundations
  - use* foundations
- structural** health monitoring
- structural** influence coefficients
- structural** materials
  - use* construction materials
- skin **(structural** member)
- structural** members
- plates **(structural** members)
- studs **(structural** members)
- structural** properties (geology)
- structural** reliability
- structural** rigidity
  - use* structural stability
- structural** stability
- structural** strain
- bays **(structural** units)
- structural** vibration
- structural** weight
- atomic **structure**
- crystal **structure**
- Earth planetary **structure**
- electronic **structure**
- fine **structure**
- galactic **structure**
- hyperfine **structure**
- mantle (Earth **structure**)
  - use* Earth mantle
- molecular **structure**
- nanocrystalline **structure**
  - use* nanostructure (characteristics)
- nuclear **structure**
- planetary **structure**
- stellar **structure**
- Widmanstätten **structure**
- Z1 truss **structure**
  - use* Integrated Truss Structure Z1
- band **structure** of solids
- large-scale **structure** of the universe
- Integrated Truss **Structure** P1
- Integrated Truss **Structure** S1
- Integrated Truss **Structure** Z1
- structured** grids (mathematics)
- structured** programming
- structures**
- aircraft **structures**
- bridges **(structures)**
- building **structures**
  - use* buildings
- clamped **structures**
- composite **structures**
- concrete **structures**
- data **structures**
- earthquake resistant **structures**
- expandable **structures**
- folding **structures**
- honeycomb **structures**
- hulls **(structures)**
- hybrid **structures**
- inflatable **structures**
- inflatable space **structures**
- insulated **structures**
- intelligent **structures**
  - use* smart structures
- intramolecular **structures**
- isotensoid **structures**
- large space **structures**
- membrane **structures**
- missile **structures**
- monocoque **structures**
- multilayer **structures**
  - use* laminates
- netting (materials/ **structures**)
- partitions **(structures)**
- planar **structures**
- plastic aircraft **structures**
- ramps **(structures)**
- redundant **structures**
  - use* redundant components
- reinforcement **(structures)**
- rigid **structures**
- ring **structures**
- sandwich **structures**
- smart **structures**
- space erectable **structures**
- space station **structures**
- spacecraft **structures**
- steel **structures**
- stiff **structures**
  - use* rigid structures
- stressed-skin **structures**
- telescoping **structures**
  - use* folding structures
- tensegric **structures**
  - use* tensegrity structures
- tensegrity **structures**
- tensile-integrity **structures**
  - use* tensegrity structures
- underground **structures**
- underwater **structures**
- unimolecular **structures**
- variable geometry **structures**
- welded **structures**
- wooden **structures**
- struts**
- strychnine**
- STS**
  - use* space transportation system
- Advanced Launch System **(STS)**
- Advanced Solid Rocket Motor **(STS)**

- approach and landing tests **(STS)**  
 ASRM **(STS)**  
     *use* Advanced Solid Rocket Motor (STS)  
 Astro missions **(STS)**  
 entry guidance **(STS)**  
 Get Away Specials **(STS)**  
 interim upper stage **(STS)**  
     *use* Inertial Upper Stage  
 payload delivery **(STS)**  
 payload retrieval **(STS)**  
 power modules **(STS)**  
 turnaround **(STS)**  
     **STS-1**  
         *use* Space Transportation System 1 flight  
     **STS-2**  
         *use* Space Transportation System 2 flight  
     **STS-3**  
         *use* Space Transportation System 3 flight  
     **STS-4**  
         *use* Space Transportation System 4 flight  
     **students**  
     **studies**  
         *use* investigation  
 tracking **studies**  
     *use* tracking (position)  
     **studs** (structural members)  
 International Magnetospheric Study **Study**  
 International Sats for Ionospheric **Study**  
     *use* ISIS satellites  
     **stunt** flying  
         *use* aerobatics  
     **Sturm-Liouville operator**  
         *use* Sturm-Liouville theory  
     **Sturm-Liouville theory**  
     **styluses**  
         *use* pens  
     **styphnates**  
     **styrenes**  
     **styrofoam** (trademark)  
     **subarctic** regions  
     **subassemblies**  
     **subaudible** frequencies  
     **subcarrier** waves  
         *use* carrier waves  
     **subcircuits**  
         *use* circuits  
     **subcontracts**  
     **subcritical** flow  
     **subcritical** mass  
     **subdivisions**  
     **subduction** (geology)  
     **subdwarf** stars  
     **subgiant** stars  
     **subgravity**  
         *use* microgravity  
     **subgroups**  
     **subharmonic** generators  
     **SUBIC** project  
         *use* Submarine Integrated Control project  
     **subjects**  
     **sublattices**  
         *use* lattices (mathematics) subgroups  
     **sublayers**  
         *use* substrates  
     **sublethal** dosage  
     **sublimation**  
     **subliminal** stimuli  
 trident **submarine**  
     **submarine** cables  
     **submarine** hydrothermal vents  
     **Submarine** Integrated Control project  
     **submarine** propulsion  
     **submarines**  
     ballistic missile **submarines**  
     guided missile **submarines**  
         Polaris **submarines**  
             *use* guided missile submarines  
     **submerged** bodies  
     **submerging**  
     **submersible** aircraft  
     **Submillimeter** Wave Astronomy Satellite  
     **submillimeter** waves  
     **subminiaturization**  
     **suborbital** flight  
     carbon **suboxides**  
     **subreflectors**  
     **Subroc** missile  
     **subroutine** libraries (computers)  
     **subroutines**  
     **subsets** (mathematics)  
         *use* set theory  
     **subsidence**  
     **subsidiaries**  
     **subsonic** aircraft  
     **subsonic** flow  
     **subsonic** flutter  
     **subsonic** speed  
     **subsonic** wind tunnels  
     **substances**  
         *use* materials  
     gums **(substances)**  
     **substitutes**  
     **substitution**  
         *use* substitutes  
     magnetic **substorms**  
         *use* magnetic storms  
     polar **substorms**  
     **substrates**  
     **substructures**  
     personnel **subsystems**  
     **subtraction**  
     holographic **subtraction**  
         self **subtraction** holography  
             *use* holographic subtraction  
     **subtropical** regions  
         *use* temperate regions tropical regions  
     **suburban** areas  
     **subzero** temperature  
     **Success** project  
     **succinimides**  
     **succinonitrile**  
     **sucrose**  
     **suction**  
     **Sud** Aviation aircraft  
     **Sud** Aviation SA-321 helicopter  
         *use* SA-321 helicopter  
     **Sud** Aviation SA-330 helicopter  
         *use* SA-330 helicopter  
     **Sud** Aviation SE-210 aircraft  
         *use* SE-210 aircraft  
     **Sud** Aviation SE-3160 helicopter  
         *use* SE-3160 helicopter  
     **Sudan**  
     **sudden** enhancement of atmospherics  
     **sudden** ionospheric disturbances  
     **sudden** storm commencements  
     **sugar** beets  
     **sugar** cane  
     **sugars**  
     **suggestion**  
     **Suhl** effect  
     **suitability**  
     **suits**  
     pressure **suits**  
     space **suits**  
     **Sukhoi** aircraft  
     hydroxylamine **sulfate**  
     **sulfates**  
     ammonium **sulfates**  
     lithium **sulfates**

- magnesium **sulfates**
- sodium **sulfates**
- sulfation**
- sulfidation**
- hydrogen **sulfide**
- sulfides**
- barium **sulfides**
- bismuth **sulfides**
- cadmium **sulfides**
- calcium **sulfides**
- copper **sulfides**
- indium **sulfides**
- inorganic **sulfides**
- lead **sulfides**
- molybdenum **sulfides**
- strontium **sulfides**
- zinc **sulfides**
- sulfites**
- sodium **sulfites**
- sulfonates**
- sulfones**
- sulfonic acid**
- sulfur**
- lithium **sulfur** batteries
- sodium **sulfur** batteries
- sulfur** chlorides
- sulfur** compounds
- organic **sulfur** compounds
- sulfur** dioxides
- sulfur** fluorides
- sulfur** hexafluoride
- sulfur** isotopes
- sulfur** oxides
- sulfuric acid**
- zero **sum** games
- sum** rules
- summaries**
- prelaunch **summaries**
- binary **summatoms**
- use* adding circuits
- summer**
- sumps**
- sums**
- sun**
- International **Sun** Earth Explorer 1
- International **Sun** Earth Explorer 2
- International **Sun** Earth Explorer 3
- International **Sun** Earth Explorers
- sun** sensors
- use* solar sensors
- International Quiet **Sun** Year
- Sunblazer** space probe
- sunflowers**
- sunglasses**
- sunlight**
- sunrise**
- sunset**
- sunspot** cycle
- sunspots**
- Sunyaev-Zeldovich effect**
- superconducting **super** collider
- Super** Sabre aircraft
- use* F-100 aircraft
- superalloys**
- use* heat resistant alloys
- supercapacitors**
- use* electrochemical capacitors
- supercavitating flow**
- supercavitation**
- use* supercavitating flow
- superchargers**
- supercharging**
- use* superchargers
- SuperCobra**
- use* AH-1W helicopter
- supercomputers**
- superconducting** cavity resonators
- superconducting** devices
- superconducting** films
- superconducting** magnets
- superconducting** power transmission
- superconducting** quantum interferometers
- use* squid (detectors)
- superconducting** super collider
- superconductivity**
- superconductor** insulator
- superconductors
- use* SIS (superconductors)
- Bi-Sr-Ca-Cu-O **superconductors**
- use* BSCCO superconductors
- BSCCO **superconductors**
- heavy fermion **superconductors**
- high temperature **superconductors**
- HTSC (**superconductors**)
- use* high temperature superconductors
- organic **superconductors**
- SIS (**superconductors**)
- superconductor insulator **superconductors**
- use* SIS (superconductors)
- Y-Ba-Cu-O **superconductors**
- use* YBCO superconductors
- YBCO **superconductors**
- superconductors** (materials)
- supercooling**
- supercritical** airfoils
- supercritical** flow
- supercritical** fluids
- supercritical** pressures
- supercritical** wings
- superfluid** flow
- use* superfluidity
- superfluidity**
- superfortress** aircraft
- use* B-50 aircraft
- supergiant** stars
- supergravity**
- superharmonics**
- superheating**
- superheterodyne** receivers
- superhigh** frequencies
- superhumps** (astronomy)
- superhybrid** materials
- superimposition** (mathematics)
- use* superposition (mathematics)
- Lake **Superior**
- superlattices**
- Shuttle **Superlightweight** Tank
- use* external tanks
- propellant tanks
- supermagnets**
- use* high field magnets
- supermassive** stars
- supernova** 1987A
- supernova** remnants
- supernovae**
- superoxides**
- use* inorganic peroxides
- superplastic** forming
- superplasticity**
- superposition** (mathematics)
- superpressure** balloons
- superrotation**
- supersaturation**
- supersonic** aircraft
- supersonic** airfoils
- supersonic** boundary layers
- supersonic** combustion
- supersonic** combustion ramjet engines
- supersonic** commercial air transport
- supersonic** compressors
- supersonic** cruise aircraft research
- supersonic** diffusers
- supersonic** drag
- supersonic** flight
- supersonic** flow

- supersonic** flow inlets  
*use* supersonic inlets  
**supersonic** flutter  
**supersonic** heat transfer  
**supersonic** inlets  
**supersonic** jet flow  
**supersonic** low altitude missile  
**supersonic** nozzles  
**supersonic** speed  
**supersonic** test apparatus  
**supersonic** transports  
**supersonic** turbines  
**supersonic** wakes  
**supersonic** wind tunnels  
**supersonics**  
**superstring** theory  
*use* string theory  
**supersymmetry**  
**supine** position  
**supplements**  
aircraft power **supplies**  
consumables (spacecrew) **supplies**  
electric power **supplies**  
power **supplies**  
space station power **supplies**  
spacecraft power **supplies**  
magazines **(supply chambers)**  
power **supply** circuits  
oxygen **supply** equipment  
**supplying**  
feeding **(supplying)**  
satellite ground **support**  
ground **support** equipment  
**support** interference  
Integrated Maneuvering Life **Support** Sys  
*use* IMLSS  
GOSS **(support system)**  
*use* ground operational support system  
ground operational **support** system  
**support** systems  
bioregenerative life **support** systems  
*use* closed ecological systems  
decision **support** systems  
ground **support** systems  
life **support** systems  
pilot **support** systems  
portable life **support** systems  
**supports**  
beams **(supports)**  
columns **(supports)**  
poles **(supports)**  
ribs **(supports)**  
saddles **(supports)**  
webs **(supports)**  
**suppression**  
*use* retarding  
explosion **suppression**  
infrared **suppression**  
lightning **suppression**  
storm **suppression**  
tumor **suppressor** genes  
tumor **suppressor** proteins  
**suppressors**  
echo **suppressors**  
noise **suppressors**  
*use* noise reduction  
Earth **surface**  
Lambert **surface**  
lunar **surface**  
Mars **surface**  
Mercury **surface**  
ocean **surface**  
Venus **surface**  
**surface** acoustic wave devices  
**surface-active** agents  
*use* surfactants  
under **surface** blowing  
upper **surface** blowing  
upper **surface** blown flaps  
**surface** cooling  
**surface** cracks  
external **surface** currents  
**surface** defects  
airport **surface** detection equipment  
**surface** diffusion  
**surface** distortion  
**surface** effect ships  
**surface** emitting lasers  
**surface** energy  
Apollo Lunar **Surface** Experiments Package  
Early Apollo **Surface** Experiments Package  
*use* EASEP  
**surface** finishing  
**surface** geometry  
**surface** interactions  
*use* surface reactions  
**surface** ionization  
**surface** layers  
**Surface** Meteorology and Solar Energy project  
air to **surface** missiles  
underwater to **surface** missiles  
airfield **surface** movements  
**surface** navigation  
**surface** noise interactions  
**surface** plasmon resonance  
**surface** pressure  
*use* pressure  
**surface** properties  
**Surface** Radiation Budget project  
**surface** reactions  
**surface** roughness  
**surface** roughness effects  
Mars **surface** samples  
Lunar **Surface** Scientific Modules  
*use* LSSM  
**surface** stability  
**surface** temperature  
land **surface** temperature  
sea **surface** temperature  
**surface** tension  
*use* interfacial tension  
**surface** tension driven convection  
**surface** to air missiles  
**surface** to surface missiles  
**surface** to surface rockets  
**surface** treatment  
sizing **(surface treatment)**  
**surface** vehicles  
lunar **surface** vehicles  
manned lunar **surface** vehicles  
**surface** water  
**surface** waves  
electromagnetic **surface** waves  
**surfaces**  
cold **surfaces**  
control **surfaces**  
Cosserrat **surfaces**  
crystal **surfaces**  
curved **surfaces**  
*use* contours  
shapes  
surfaces  
elevators (control **surfaces**)  
Fermi **surfaces**  
flaps (control **surfaces**)  
flat **surfaces**  
horizontal tail **surfaces**  
hot **surfaces**  
hydroplanes **(surfaces)**  
lifting **surfaces**  
*use* lift devices  
lifting bodies  
surfaces  
liquid **surfaces**  
metal **surfaces**  
minimal **surfaces**

**surfaces**

- planetary **surfaces**
- satellite **surfaces**
- selective **surfaces**
- solid **surfaces**
- sweptback tail **surfaces**
- T tail **surfaces**
- tabs (control tail) **surfaces**
- townsend **surfaces**  
*use* Townsend avalanche
- trapezoidal tail **surfaces**
- surfactants**
- surgeons**
- flight **surgeons**
- surgery**
- surges**
- storm **surges**
- transients **(surges)**  
*use* surges
- surgical** instruments
- Surinam**
- surveillance**
- space **surveillance**
- space **surveillance** (ground based)
- surveillance** radar
- airborne **surveillance** radar
- space **surveillance** (spaceborne)
- Earth Resources **Survey** aircraft
- Wide-field Infrared **Survey** Explorer
- local scientific **survey** module
- Earth Resources **Survey** Program
- surveying**  
*use* surveys
- Mars Global **Surveyor**
- Surveyor** 1 lunar probe
- Surveyor** 2 lunar probe
- Surveyor** 3 lunar probe
- Surveyor** 4 lunar probe
- Surveyor** 5 lunar probe
- Surveyor** 6 lunar probe
- Surveyor** 7 lunar probe
- Mars **Surveyor** 98 Lander  
*use* Mars Polar Lander
- Mars **Surveyor** 98 Orbiter  
*use* Mars Climate Orbiter
- Mars **Surveyor** 98 Program
- Mars **Surveyor** 2001 Mission
- Surveyor** lunar probes
- Surveyor** project
- surveys**
- environmental **surveys**
- geodetic **surveys**
- geological **surveys**
- magnetic **surveys**
- wage **surveys**
- sky **surveys** (astronomy)
- aircraft **survivability**
- spacecraft **survivability**
- survival**
- survival** equipment
- magnetic **susceptibility**  
*use* magnetic permeability
- susceptibility** (magnetism)  
*use* magnetic permeability
- electrically **suspended** gyroscopes  
*use* electrostatic gyroscopes
- suspending** (hanging)
- suspending** (mixing)
- hindlimb **suspension**
- magnetic **suspension**
- annular **suspension** and pointing system
- suspension** systems (vehicles)
- suspensions**
- colloidal **suspensions**  
*use* colloids
- solid **suspensions**
- Susquehanna** River Basin (MD-NY-PA)
- self **sustained** emission
- sustainer** rocket engines
- sustaining**
- emergency life **sustaining** systems
- swaging**
- swallowing**
- swamps**  
*use* marshlands
- Swan** bands
- swarming**
- SWAS** (satellite)  
*use* Submillimeter Wave Astronomy Satellite
- swash**  
*use* splashing
- SWATH** (ship)
- swath** width
- body **sway** test
- Swaziland**
- sweat**
- sweat** cooling
- Palmar **sweat** index
- sweating**  
*use* perspiration
- Sweden**
- Swedish** space program
- sweep**
- leading edge **sweep** angle
- sweep** circuits
- sweep** effect
- sweep** frequency
- variable **sweep** wings
- sweepback**
- sweepback** angles  
*use* sweepback
- electron **sweeping**  
*use* sweep frequency
- swelling**
- swept** forward wings
- swept** wings
- sweptback** tail surfaces
- sweptback** wings
- Swift** observatory
- swimming**
- swimming** pool reactors
- swine**
- pigs **(swine)**  
*use* swine
- swing** tail assemblies
- swing** wings
- swingby** technique
- swirling**
- swirling** wakes  
*use* turbulent wakes
- Swiss** space program
- Q **switched** lasers
- switches**
- capacitance **switches**
- electric **switches**
- electronic **switches**  
*use* switching circuits
- pressure **switches**
- stepping **switches**
- vacuum arc **switches**
- switching**
- beam **switching**
- electro-optical **switching**  
*use* optical switching
- magnetic **switching**
- microwave **switching**
- optical **switching**
- optoelectronic **switching**  
*use* optical switching
- packet **switching**
- photonic **switching**  
*use* optical switching
- switching** circuits
- switching** elements  
*use* switching circuits
- fluid **switching** elements
- phase **switching** interferometers

switching theory  
 Switzerland  
 swivels  
 syenite  
 syllables  
 symbiosis  
 symbiotic stars  
 symbolic programming  
 symbols  
 letters (symbols)  
     *use* symbols  
 signs (symbols)  
     *use* symbols  
 symmetrical bodies  
 symmetry  
 broken symmetry  
     *use* broken symmetry  
 sympathetic nervous system  
 sympathomimetics  
     *use* adrenergics  
 Symphonie satellites  
 symposia  
     *use* conferences  
 symptomology  
 symptoms  
     *use* signs and symptoms  
 signs and symptoms  
 synapses  
 synchrocyclotrons  
 synchronism  
 synchronization  
     *use* synchronism  
 bit synchronization  
 frequency synchronization  
 time synchronization  
     synchronized oscillators  
 synchronizers  
 Synchronous Communication Satellites  
     *use* SYNCOM satellites  
 Synchronous Communications Satellite  
     Proj  
 synchronous detectors  
     *use* correlators  
 Synchronous Earth Observatory satellite  
 Synchronous Meteorological Satellite  
 synchronous motors  
 synchronous platforms  
 synchronous satellites  
 synchrophasing  
 synchrophasotrons  
 synchrosopes  
 synchrotron radiation  
 synchrotrons  
 synclines  
 synclinoria  
     *use* synclines  
 syncoders  
 SYNCOM 1 satellite  
 SYNCOM 2 satellite  
 SYNCOM 3 satellite  
 SYNCOM 4 satellite  
 SYNCOM apogee engines  
 SYNCOM satellites  
 syncope  
 acquired immunodeficiency syndrome  
 space adaptation syndrome  
 syndromes  
     *use* signs and symptoms  
 syngas  
     *use* synthesis gas  
 synoptic measurement  
 synoptic meteorology  
 syntax  
 syntectic alloys  
 synthane  
 synthesis  
 combustion synthesis  
 electrochemical synthesis  
 network synthesis  
 plasma jet synthesis  
 protein synthesis  
     synthesis (chemistry)  
     synthesis gas  
     synthesizers  
 frequency synthesizers  
     synthetic aperture radar  
     synthetic apertures  
     synthetic arrays  
     synthetic fibers  
     synthetic food  
     synthetic fuels  
     synthetic metals  
     synthetic methane  
         *use* synthane  
     synthetic resins  
     synthetic rubbers  
     synthetic vision  
         *use* enhanced vision  
 syntony  
 syphilis  
 Syria  
 syringes  
 sys  
     AIRS (reconnaissance)  
         *use* Airborne Integrated  
             Reconnaissance System  
 Atmospheric & Oceanographic Inform Sys  
 Integrated Maneuvering Life Support Sys  
     *use* IMLSS  
 National Operational Environmental Sat Sys  
     *use* NOESS  
 Global Orbiting Navigation Satellite Sys.  
     *use* GLONASS  
 AFCS (control system)  
     *use* automatic flight control  
 African rift system  
 Airborne Integrated Reconnaissance System  
 Airborne Warning and Control System  
     *use* AWACS aircraft  
 Aloha system  
 ALS (launch system)  
     *use* Advanced Launch System (STS)  
 annular suspension and pointing system  
     Apollo extension system  
     Argos system  
     Astroguide Navigation System  
     automated pilot advisory system  
     automated radar terminal system  
     autonomic nervous system  
     Ballistic Missile Early Warning System  
     Beacon Collision Avoidance System  
     Bioastronautical Orbital Space System  
     cardiovascular system  
     CEMS system  
         *use* Central Electronic Management  
             System  
     Central Electronic Management System  
     central nervous system  
     circulatory system  
 Clouds and the Earth's Radiant Energy System  
     *use* CERES (experiment)  
 Defense Communications Satellite System  
     digestive system  
     discrete address beacon system  
     Earth Resources Information System  
     Earth terminal measurement system  
     Earth-Moon system  
     EOS data and information system  
     Fleet Satellite Communication System  
     gastrointestinal system  
     genitourinary system  
     Global Positioning System  
     Goddard Trajectory Determination System  
     GOSS (support system)  
         *use* ground operational support  
             system  
 ground operational support system  
 heart conduction system

## system

hematopoietic	<b>system</b>		TIROS operational satellite	<b>system</b>
hot cycle propulsion	<b>system</b>		TRADEX radar	<b>system</b>
	<i>use</i>	tip driven rotors	Transit navigation	<b>system</b>
information adaptive	<b>system</b>		Typhon weapon	<b>system</b>
Integ Med and Behavioral Lab Measur	<b>System</b>		UNIX (operating	<b>system)</b>
	<i>use</i>	IMBLMS	vascular	<b>system</b>
intravascular	<b>system</b>			<i>use</i> cardiovascular system
LESA (lunar exploration	<b>system)</b>		VASIMR (propulsion	<b>system)</b>
	<i>use</i>	Lunar Exploration System for Apollo	vasomotor nervous	<b>system</b>
				<i>use</i> nervous system
Light Airborne Multipurpose	<b>System</b>		vortex advisory	<b>system</b>
LOCATES	<b>system</b>		Space Transportation	<b>System</b> 1 flight
LORAC navigation	<b>system</b>		Space Transportation	<b>System</b> 2 flight
lymphatic	<b>system</b>		Space Transportation	<b>System</b> 3 flight
lymphoid	<b>system</b>		Space Transportation	<b>System</b> 4 flight
	<i>use</i>	lymphatic system		<b>System</b> 10 computer
metric	<b>system</b>			<i>use</i> PDP 10 computer
	<i>use</i>	International System of Units	weapon	<b>system</b> 107A-1
microwave scanning beam landing	<b>system</b>		weapon	<b>system</b> 107A-2
minitrack	<b>system</b>		weapon	<b>system</b> 133A
minitrack optical tracking	<b>system</b>		weapon	<b>system</b> 133B
	<i>use</i>	minitrack system	weapon	<b>system</b> 315A
Miros	<b>system</b>		Advanced Vidicon Camera	<b>System</b> (AVCS)
Modular Integrated Utility	<b>System</b>		propulsion	<b>system</b> configurations
MOTS (tracking	<b>system)</b>		defense communications	<b>system</b> (DCS)
	<i>use</i>	minitrack system	central nervous	<b>system</b> depressants
musculoskeletal	<b>system</b>		disk operating	<b>system</b> (DOS)
NASA End-to-End Data	<b>System</b>			<b>system</b> effectiveness
	<i>use</i>	needs (data system)	Earth Observing	<b>System</b> (EOS)
NASA Interactive Planning	<b>System</b>		EISCAT radar	<b>system</b> (Europe)
National Airspace	<b>System</b>		solar	<b>system</b> evolution
National Airspace Utilization	<b>System</b>			<b>system</b> failures
National Aviation	<b>System</b>		Space Transportation	<b>System</b> flights
National Oceanic Satellite	<b>System</b>		Lunar Exploration	<b>System</b> for Apollo
National Polar-orbiting Operational	<b>System</b>			<b>system</b> generated electromagnetic pulses
Environmental Satellite	<b>System</b>			<b>system</b> identification
	<i>use</i>	NPOESS	Mobile Servicing	<b>System</b> (ISS)
needs (data	<b>system)</b>			<i>use</i> Space Station Mobile Servicing System
nervous	<b>system</b>		weapon	<b>system</b> management
NIPS	<b>(system)</b>		International	<b>System</b> of Units
	<i>use</i>	NASA Interactive Planning System	propulsion	<b>system</b> performance
Nova Laser	<b>System</b>		central nervous	<b>system</b> stimulants
Omega Navigation	<b>System</b>		Advanced Launch	<b>System</b> (STS)
payload deployment & retrieval	<b>system</b>			<b>systematic</b> errors
peripheral nervous	<b>system</b>			<b>systems</b>
pilot landing aid television	<b>system</b>		adaptive control	<b>systems</b>
	<i>use</i>	PLAT system		<i>use</i> adaptive control
PLAT	<b>system</b>		Advanced EVA Protection	<b>Systems</b>
polystation doppler tracking	<b>system</b>			<i>use</i> AEPS
post boost propulsion	<b>system</b>		aerospace	<b>systems</b>
Ranger block 3 television	<b>system</b>		afferent nervous	<b>systems</b>
remote manipulator	<b>system</b>		air cushion landing	<b>systems</b>
respiratory	<b>system</b>		air data	<b>systems</b>
Saenger space transportation	<b>system</b>		aircraft fuel	<b>systems</b>
Safeguard	<b>system</b>		aircraft hydraulic	<b>systems</b>
SAGE air defense	<b>system</b>		all-weather landing	<b>systems</b>
Sanger space transportation	<b>system</b>		ascent propulsion	<b>systems</b>
	<i>use</i>	Saenger space transportation system	biocontrol	<b>systems</b>
Satellite and Missile Observation	<b>System</b>		bioregenerative life support	<b>systems</b>
	<i>use</i>	Samos		<i>use</i> closed ecological systems
Sentinel	<b>system</b>		carrier	<b>systems</b>
Shiva laser	<b>system</b>			<i>use</i> wireless communication
solar	<b>system</b>		celestial reference	<b>systems</b>
space detection and tracking	<b>system</b>		chokes (fuel	<b>systems)</b>
Space Station Mobile Servicing	<b>System</b>		client server	<b>systems</b>
Space Station Remote Manipulator	<b>System</b>		closed ecological	<b>systems</b>
	<i>use</i>	Space Station Mobile Servicing System	closed loop	<b>systems</b>
				<i>use</i> feedback control
space transportation	<b>system</b>		cockpit assistant	<b>systems</b>
SPADATS (tracking	<b>system)</b>			<i>use</i> pilot support systems
	<i>use</i>	space detection and tracking system	cockpit weather information	<b>systems</b>
sympathetic nervous	<b>system</b>		command	<b>systems</b>
teleoperator maneuvering	<b>system</b>			<i>use</i> command guidance
	<i>use</i>	teleoperators	communication	<b>systems</b>
Terrain Contour Matching Navigation	<b>System</b>			<i>use</i> telecommunication
	<i>use</i>	TERCOM	complex	<b>systems</b>

- control **systems**
  - use* control
- cooling **systems**
- coordinate **systems**
  - use* coordinates
- data **systems**
- data base management **systems**
- data handling **systems**
  - use* data systems
- data readout **systems**
  - use* data systems
  - display devices
- decision support **systems**
- deicing **systems**
  - use* deicers
- descent propulsion **systems**
- Dewar **systems**
  - use* cryogenic equipment
- digital **systems**
- digital command **systems**
- digital radar **systems**
- display **systems**
  - use* display devices
- distributed parameter **systems**
- domestic satellite communications **systems**
- dynamical **systems**
- early warning **systems**
- ecological **systems**
  - use* ecosystems
- efferent nervous **systems**
- elastic **systems**
- electronic recording **systems**
- embedded computer **systems**
- emergency life sustaining **systems**
- endocrine **systems**
- end-to-end data **systems**
- escape **systems**
- exhaust **systems**
- expert **systems**
- fail-safe **systems**
- feed **systems**
- flight management **systems**
- flight termination **systems**
  - use* abort apparatus
- flotation **systems**
  - use* floats
- fuel **systems**
- fuzzy **systems**
- geographic information **systems**
- ground support **systems**
- hardening **(systems)**
- health and usage monitoring **systems**
  - use* systems health monitoring
- heavy fermion **systems**
- hot gas **systems**
  - use* high temperature gases
- hybrid navigation **systems**
- hydraulic **systems**
  - use* hydraulic equipment
- hydrothermal **systems**
- hyperbolic **systems**
- ignition **systems**
- ILS (landing **systems**)
  - use* instrument landing systems
- immune **systems**
- induction **systems**
  - use* intake systems
- inertial reference **systems**
- information **systems**
- instrument landing **systems**
- intake **systems**
- integrated energy **systems**
- integrated global ocean station **systems**
- integrated library **systems**
- jettison **systems**
- knowledge based **systems**
- landing **systems**
  - use* landing aids
- launch escape **systems**
- LES (escape **systems**)
  - use* launch escape systems
- life support **systems**
- linear **systems**
- lubrication **systems**
- lumped parameter **systems**
- man machine **systems**
- man operated propulsion **systems**
- management **systems**
- management information **systems**
  - MATTS **(systems)**
  - metal-gas **systems**
  - methoxy **systems**
  - microelectromechanical **systems**
  - microoptoelectromechanical **systems**
  - microwave landing **systems**
  - MIMO (control **systems**)
  - missile **systems**
  - mobile communication **systems**
  - MOPS (propulsion **systems**)
    - use* man operated propulsion systems
  - MRAC **(systems)**
    - use* model reference adaptive control
  - multiloop **systems**
    - use* cascade control
  - multiple target trajectory **systems**
    - use* MATTS (systems)
  - Nike X **systems**
  - nonlinear **systems**
  - observability **(systems)**
  - ocean data acquisitions **systems**
  - on-line **systems**
  - optical relay **systems**
  - oxygen **systems**
    - use* oxygen supply equipment
  - personnel propulsion **systems**
    - use* self maneuvering units
  - phase locked **systems**
  - piggyback **systems**
  - pilot support **systems**
  - planetary **systems**
  - pointing control **systems**
  - portable life support **systems**
  - power processing **systems**
    - use* power conditioning
  - public address **systems**
  - radio relay **systems**
  - rapid transit **systems**
  - receiving **systems**
    - use* receivers
  - reference **systems**
  - reproductive **systems**
  - sampled data **systems**
  - satellite navigation **systems**
  - self adaptive control **systems**
  - self organizing **systems**
  - single input single output **systems**
    - use* SISO (control systems)
  - SISO (control **systems**)
  - solar dynamic power **systems**
  - solar total energy **systems**
  - sortie **systems**
  - stellar **systems**
  - support **systems**
  - takeoff **systems**
    - use* aircraft launching devices
  - telegraph **systems**
  - teletypewriter **systems**
  - television **systems**
  - ternary **systems**
  - thermionic conversion **systems**
    - use* thermionic power generation
  - thermoelectric conversion **systems**
    - use* thermoelectric power generation
  - total energy **systems**
  - transcontinental **systems**
  - transoceanic **systems**

two phase **systems**  
*use* binary systems (materials)  
 uncertain **systems**  
 unmanned aircraft **systems**  
 vacuum **systems**  
 variable mass **systems**  
 virtual memory **systems**  
 VOR **systems**  
*use* VHF omnirange navigation  
 warning **systems**  
 weapon **systems**  
 wiring **systems**  
*use* wiring  
**systems** analysis  
 motor **systems** (biology)  
*use* efferent nervous systems  
**systems** compatibility  
 executive **systems** (computers)  
*use* operating systems (computers)  
 operating **systems** (computers)  
**systems** design  
*use* systems engineering  
 computer **systems** design  
 control **systems** design  
 binary **systems** (digital)  
*use* digital systems  
 ternary **systems** (digital)  
*use* digital systems  
**systems** engineering  
 space **systems** engineering  
*use* aerospace engineering  
**Systems** for Nuclear Auxiliary Power  
*use* SNAP  
**systems** health monitoring  
 IFF **systems** (identification)  
**systems** integration  
**systems** management  
 binary **systems** (materials)  
**systems-on-a-chip**  
 computer **systems** performance  
 computer **systems** programs  
 rotor **systems** research aircraft  
**systems** simulation  
 computer **systems** simulation  
**systems** stability  
 suspension **systems** (vehicles)  
**systole**  
**systolic** arrays  
**systolic** pressure

**T**

T-2 aircraft  
 J-69- T-25 engine  
 T-28 aircraft  
 T-33 aircraft  
 T-34 engine  
 T-37 aircraft  
 T-38 aircraft  
 T-38 engine  
 T-39 aircraft  
 T-53 engine  
 T-55 engine  
 T-56 engine  
 T-58 engine  
 T-63 engine  
 T-64 engine  
 T-74 engine  
 T-76 engine  
 T-78 engine  
 K- T boundary  
*use* Cretaceous-Tertiary boundary  
 T shape  
 T tail surfaces  
 T Tauri stars  
 T2J aircraft  
*use* T-2 aircraft

T3J aircraft  
*use* T-39 aircraft  
 interference factor **table**  
 tilt- **table** test  
 conversion **tables**  
 mathematical **tables**  
 water **tables**  
**tables** (data)  
**tablets**  
**tabs** (control surfaces)  
**tabulating**  
*use* tabulation processes  
**tabulation**  
**tabulation** processes  
**Tacan**  
**tachistoscopes**  
**tachometers**  
**tachycardia**  
**tachyons**  
**tachypnea**  
**tackiness**  
**TACT** program  
**tactical** air navigation  
*use* Tacan  
 advanced **tactical** fighter  
*use* F-22 aircraft  
**tactics**  
**tactile** discrimination  
**tactile** sensation  
*use* touch  
**tactile** sensors (robotics)  
**Tafel** law  
**tagging**  
*use* marking  
**TAGN**  
**Taguchi** methods  
 Lake **Tahoe** (CA-NV)  
 geomagnetic **tail**  
**tail** assemblies  
 swing **tail** assemblies  
 body-wing and **tail** configurations  
 wing-body and **tail** configurations  
*use* body-wing and tail configurations  
**tail** mountings  
*use* tail assemblies  
**tail** planes  
*use* horizontal tail surfaces  
**tail** rotors  
 helicopter **tail** rotors  
**tail** surfaces  
 horizontal **tail** surfaces  
 sweptback **tail** surfaces  
 T **tail** surfaces  
 trapezoidal **tail** surfaces  
**tailless** aircraft  
**tailoring**  
*use* design  
 comet **tails**  
 vertical **tails**  
*use* stabilizers (fluid dynamics)  
 tail assemblies  
**tails** (assemblies)  
*use* tail assemblies  
**Taiwan**  
**Tajikistan**  
**takeoff**  
 jet assisted **takeoff**  
*use* JATO engines  
 vertical **takeoff**  
 short **takeoff** & vertical landing aircraft  
*use* STOVL aircraft  
 short **takeoff** aircraft  
 vertical **takeoff** aircraft  
 water **takeoff** and landing aircraft  
 vertical **takeoff** and landing  
*use* vertical landing  
 vertical takeoff  
 vertical attitude **takeoff**-landing aircraft  
*use* VATOL aircraft

- takeoff** runs
- takeoff** systems
  - use* aircraft launching devices
- talc**
- talking**
- Talon** aircraft
  - use* T-38 aircraft
- Talos** missile
- tandem** mirrors
- tandem** rotor helicopters
- tandem** wing aircraft
- tangential** blowing
- tangents**
- tangling**
- Shuttle Superlightweight **Tank**
  - use* external tanks
  - propellant tanks
- SLWT (propellant **tank**)
  - use* external tanks
  - propellant tanks
- tank** geometry
- fuel **tank** pressurization
- tank** trucks
- tanker** aircraft
- tanker** ships
- tanker** terminals
- tankers**
- cryogenic **tanks**
- cylindrical **tanks**
- external **tanks**
- fuel **tanks**
- propellant **tanks**
- rocket propellant **tanks**
  - use* propellant tanks
- spherical **tanks**
- storage **tanks**
- wing **tanks**
- tanks** (combat vehicles)
- tanks** (containers)
- tantalum**
- tantalum** alloys
- tantalum** carbides
- tantalum** compounds
- tantalum** isotopes
- tantalum** nitrides
- tantalum** oxides
- Tanzania**
- tape** recorders
- magnetic **tape** recorders
  - use* magnetic recording
  - tape recorders
- video **tape** recorders
- magnetic **tape** transports
- taper**
  - use* tapering
- tapered** columns
- tapered** wings
  - use* swept wings
- tapering**
- tapes**
- audio **tapes**
- computer compatible **tapes**
- heat **tapes**
- magnetic **tapes**
- plastic **tapes**
- punched **tapes**
- video **tapes**
- taps**
- tar** sands
- TARE** (data reduction)
  - use* data reduction
- target** acquisition
- Jindivik **target** aircraft
- high alt **target** and background measurement
- laser **target** designators
- target** drone aircraft
- Firebee 2 **target** drone aircraft
- moving **target** indicators
- laser **target** interactions
- target** masking
- Sandpiper **target** missile
- target** penetration
  - use* terminal ballistics
- target** recognition
- radar **target** scatter site program
- target** simulators
- target** thickness
- target** tracking
  - use* tracking (position)
- multiple **target** tracking
- multiple **target** trajectory systems
  - use* MATTS (systems)
- targets**
- laser **targets**
- particle accelerator **targets**
- radar **targets**
- towed **targets**
  - use* targets
  - towed bodies
- tars**
- tartar** missile
- task** complexity
- task** planning (robotics)
- tasks**
- auditory **tasks**
- visual **tasks**
- Tasmania**
- taste**
- TATB**
- Lambda **Tauri** stars
- T **Tauri** stars
- Taurid** meteoroids
- Taurus** constellation
- tautomers**
- taxiing**
- taxonomy**
- Taylor-Goertler** instability
  - use* Goertler instability
- Taylor** instability
- Taylor** manifest anxiety scale
- Taylor** series
- Taylor** theorem
  - use* Taylor series
- TCG** (tracking)
  - use* transponder control group
- TCV** program
  - use* Terminal Configured Vehicle Program
- TD-1** satellite
- TD** satellites
- TDMA**
  - use* time division multiple access
- TDR** satellites
- TEA** lasers
- teachers**
  - use* instructors
- teaching**
  - use* education
- teaching** machines
- teams**
- tearing**
- tearing** modes (plasmas)
- technetium**
- technetium** compounds
- technetium** fluorides
- technetium** isotopes
- flight **technical** error
  - use* pilot error
- technical** writing
- bubble **technique**
- HICAT (radar **technique**)
  - use* high resolution coverage antennas
- minimax **technique**
- particle in cell **technique**
- program evaluation review **technique**
  - use* PERT
- swingby **technique**

**technique**

vortex in cell	<b>technique</b>	<b>teflon</b> (trademark)
	<b>techniques</b>	<b>Tektite</b> project
	<i>use</i> methodology	<b>tektites</b>
computer	<b>techniques</b>	<b>telechirics</b>
culture	<b>techniques</b>	<i>use</i> remote handling
digital	<b>techniques</b>	European Large <b>Telecomm</b> Satellite
emergency breathing	<b>techniques</b>	<i>use</i> L-Sat
forming	<b>techniques</b>	<b>telecommunication</b>
graphic evaluation and review	<b>techniques</b>	Health-Education <b>Telecommunications</b> exp
	<i>use</i> GERT	<i>use</i> HET experiment
imaging	<b>techniques</b>	<b>teleconferencing</b>
incentive	<b>techniques</b>	<b>teleconferencing</b>
prediction analysis	<b>techniques</b>	video <i>use</i> video conferencing
	<b>technological</b> forecasting	<b>teleconnections</b> (meteorology)
	<b>technologies</b>	<b>telegraph</b> systems
antidetection	<b>technology</b>	<b>telegraphy</b>
	<i>use</i> stealth technology	<i>use</i> telegraph systems
energy	<b>technology</b>	radio <b>telegraphy</b>
geothermal	<b>technology</b>	<b>telemedicine</b>
marine	<b>technology</b>	<b>telemeters</b>
military	<b>technology</b>	<i>use</i> telemetry
passive nosetip	<b>technology</b>	<b>telemetry</b>
	<i>use</i> PANT program	P.A.C.M. <b>telemetry</b>
prop-fan	<b>technology</b>	PCM <b>telemetry</b>
propfan	<b>technology</b>	physiological <b>telemetry</b>
	<i>use</i> prop-fan technology	<i>use</i> biotelemetry
reactor	<b>technology</b>	pulse frequency modulation <b>telemetry</b>
small satellite	<b>technology</b>	radio <b>telemetry</b>
stealth	<b>technology</b>	<b>teleoperator</b> maneuvering system
	<b>technology</b> assessment	<i>use</i> teleoperators
space	<b>technology</b> experiments	<b>teleoperators</b>
	<b>technology</b> feasibility spacecraft	<b>telephones</b>
Small Satellite	<b>Technology</b> Initiative	<b>telephony</b>
	<i>use</i> small satellite technology	<b>telephotometers</b>
Advanced	<b>Technology</b> Laboratory	<i>use</i> telephotometry
Advanced	<b>Technology</b> Light Twin aircraft	<b>telephotometry</b>
	<i>use</i> ATLIT project	<b>teleprinters</b>
group	<b>technology</b> (manufacturing)	<b>telereobotics</b>
Transonic Aircraft	<b>Technology</b> Program	<b>Telesat</b> Canada 3
	<i>use</i> TACT program	<i>use</i> Anik 3
Advanced Communications	<b>Technology</b> Sat	<b>Telesat</b> Canada A
	<i>use</i> ACTS	<i>use</i> Anik 1
Earth Resources	<b>Technology</b> Satellite 1	<b>Telesat</b> Canada B
	<i>use</i> Landsat 1	<i>use</i> Anik 2
Earth Resources	<b>Technology</b> Satellite B	<b>Telesat</b> Canada C
	<i>use</i> Landsat 2	<i>use</i> Anik 3
Earth Resources	<b>Technology</b> Satellite C	Fermi Gamma-ray Space <b>Telescope</b>
	<i>use</i> Landsat 3	Gamma-ray Large Area Space <b>Telescope</b>
Communications	<b>Technology</b> Satellite	<i>use</i> Fermi Gamma-ray Space Telescope
Earth Resources	<b>Technology</b> Satellite D	Goddard experiment package <b>telescope</b>
	<i>use</i> Landsat 4	<i>use</i> particle telescopes
Earth Resources	<b>Technology</b> Satellite E	Grazing Incidence Solar <b>Telescope</b>
	<i>use</i> Landsat E	<i>use</i> GRIST (telescope)
Earth Resources	<b>Technology</b> Satellite F	GRIST ( <b>telescope</b> )
	<i>use</i> Landsat F	Hubble Space <b>Telescope</b>
Meteoroid	<b>Technology</b> Satellite	James Webb Space <b>Telescope</b>
	<i>use</i> Explorer 46 satellite	kilometer wave orbiting <b>telescope</b>
Applications	<b>Technology</b> Satellites	Large Space <b>Telescope</b>
	<i>use</i> ATS	<i>use</i> Hubble Space Telescope
Earth Resources	<b>Technology</b> Satellites	LDR ( <b>telescope</b> )
	<i>use</i> Landsat satellites	<i>use</i> Large Deployable Reflector
navigation	<b>technology</b> satellites	LIRTS ( <b>telescope</b> )
	<b>technology</b> transfer	solar optical <b>telescope</b>
aerospace	<b>technology</b> transfer	Spitzer Space <b>Telescope</b>
	<b>technology</b> utilization	<i>use</i> Space Infrared Telescope Facility
	<b>tectonic</b> movement	Starsat <b>telescope</b>
	<i>use</i> tectonics	Stratoscope 1 <b>telescope</b>
	<b>tectonics</b>	<i>use</i> stratoscope telescopes
plates	( <b>tectonics</b> )	Stratoscope 2 <b>telescope</b>
	<b>TED</b>	<i>use</i> stratoscope telescopes
	<i>use</i> transferred electron devices	XMM ( <b>telescope</b> )
	<b>Tedlar</b> (trademark)	<i>use</i> XMM-Newton telescope
	<i>use</i> polyvinyl fluoride	XMM-Newton <b>telescope</b>
	<b>tee</b>	Space Infrared <b>Telescope</b> Facility
	<i>use</i> T shape	Spacelab UV-Optical <b>Telescope</b> Facility
magic	<b>tees</b>	<i>use</i> Starlab
	<b>teetering</b>	Apollo <b>telescope</b> mount
	<b>teeth</b>	
gear	<b>teeth</b>	

- Large Infrared **Telescope** on Spacelab
  - use* LIRTS (telescope)
- Next Generation Space **Telescope** project
- telescopes**
- astronomical **telescopes**
  - use* telescopes
- circumsolar **telescopes**
- diffraction **telescopes**
  - use* spectroscopic telescopes
- electron **telescopes**
  - use* particle telescopes
- gamma ray **telescopes**
- GEP **telescopes**
  - use* particle telescopes
- grazing incidence **telescopes**
- infrared **telescopes**
- manned orbital **telescopes**
- MOT (orbital **telescopes**)
  - use* manned orbital telescopes
- multispectral tracking **telescopes**
- particle **telescopes**
- proton **telescopes**
  - use* particle telescopes
- radio **telescopes**
- reflecting **telescopes**
- refracting **telescopes**
- Schmidt **telescopes**
- spaceborne **telescopes**
- spectroscopic **telescopes**
- stratoscope **telescopes**
- ultraviolet **telescopes**
- x ray **telescopes**
- telescoping** structures
  - use* folding structures
- Telesto**
- teletypewriter systems
- teletypewriters**
- cable **television**
- closed circuit **television**
- color **television**
- digital **television**
- digital spacecraft **television**
- educational **television**
- high definition **television**
- satellite **television**
- spacecraft **television**
  - cameras
  - equipment
  - receivers
  - reception
- pilot landing aid **television** system
  - use* PLAT system
- Ranger block 3 **television** system
  - systems
  - transmission
- Tellegen** theory
  - use* gyrators
  - network analysis
  - network synthesis
- Jahn- **Teller** effect
- telluric** currents
- telluric** lines
- tellurides**
- bismuth **tellurides**
- cadmium **tellurides**
- cadmium mercury **tellurides**
  - use* mercury cadmium tellurides
- indium **tellurides**
- lanthanum **tellurides**
- lead **tellurides**
- mercury **tellurides**
- mercury cadmium **tellurides**
- tin **tellurides**
- zinc **tellurides**
- tellurium**
  - 119
  - use* tellurium isotopes
  - alloys
  - compounds
- tellurium** isotopes
- tellurometers**
- telomeres**
- Telstar** 1 satellite
- Telstar** 2 satellite
- Telstar** project
- Telstar** satellites
- TEM** (microscopy)
  - use* transmission electron microscopy
- Ling- **Temco-Vought** aircraft
- Tempel** 1 comet
- Tempel** 2 comet
- temper** (metallurgy)
- temperate** regions
- temperature**
  - ambient
  - atmospheric
  - auroral
  - body
  - brightness
  - combustion
  - critical
  - cryogenic
  - Curie
  - Debye
    - use* specific heat
  - electron
    - use* electron energy
  - environmental
    - use* ambient temperature
  - flame
  - gas
  - glass transition
  - high
  - ignition
  - inlet
  - international practical
    - use* temperature scales
  - ion
  - ionospheric
  - land surface
  - low
  - lunar
  - neel
  - noise
  - ocean
  - operating
  - planetary
  - plasma
  - room
  - satellite
  - sea surface
  - solar
  - space
  - spacecraft
  - spin
  - stagnation
  - stellar
  - subzero
  - surface
  - transition
  - ultralow
    - use* cryogenic temperature
  - wall
  - water
  - high
    - air
    - alloys
      - use* heat resistant alloys
  - low
    - (biology)
    - brazing
    - compensation
    - control
    - dependence
    - differences
      - use* temperature gradients
    - distribution
    - effects
    - environments
    - environments

temperature

- high **temperature** fatigue
  - use* thermal fatigue
- temperature** fields
  - use* temperature distribution
- high **temperature** fluids
- high **temperature** gas cooled reactors
- high **temperature** gases
- temperature** gradients
- temperature** indicators
  - use* indicating instruments
  - temperature measuring instruments
- temperature** instruments
  - use* temperature measuring instruments
- temperature** inversions
- high **temperature** lubricants
- high **temperature** materials
  - use* refractory materials
- temperature** measurement
- temperature** measuring instruments
- body **temperature** (non-biological)
  - use* temperature
- skin **temperature** (non-biological)
- high **temperature** nuclear reactors
- time **temperature** parameter
- low **temperature** physics
- high **temperature** plasmas
- low **temperature** plasmas
  - use* cold plasmas
- temperature** probes
- temperature** profiles
- high **temperature** propellants
- temperature** ratio
- body **temperature** regulation
  - use* thermoregulation
- high **temperature** research
- fahrenheit **temperature** scale
  - use* temperature scales
- temperature** scales
- temperature** sensitive paints
- temperature** sensors
- high **temperature** superconductors
- high **temperature** tests
- low **temperature** tests
- anomalous **temperature** zones
- tempering**
- templates**
- temporal** distribution
- temporal** logic
- temporal** resolution
- man **tended** free flyers
- tendencies**
- tendons**
- tenite**
- Tenma** satellite
- Tennessee**
- Tennessee** Valley (AL-KY-TN)
- tensegric** structures
  - use* tensegrity structures
- tensegrity** structures
- tensile** creep
- tensile** deformation
- tensile-integrity** structures
  - use* tensegrity structures
- tensile** properties
- tensile** strength
- tensile** stress
- tensile** tests
- tensiometers**
- tension**
- carbon dioxide **tension**
- interfacial **tension**
- oxygen **tension**
- surface **tension**
  - use* interfacial tension
- surface **tension** driven convection
- tensometers**
- tensor** analysis
- tensor** fields
  - use* tensors
- tensors**
- stress **tensors**
- transformation **tensors**
  - use* tensors
- tephigrams**
- terbium**
- terbium** 155
  - use* terbium isotopes
- terbium** 161
  - use* terbium isotopes
- terbium** compounds
- terbium** isotopes
- TERCOM**
- terephthalate**
- terephthalate**
- polyethylene long **term** effects
- Long **Term** Zonal Earth Energy Experiment
  - use* LZEEBE satellite
- terminal** area energy management
- terminal** ballistics
- Terminal** Configured Vehicle Program
- terminal** facilities
- terminal** guidance
- Earth **terminal** measurement system
- automated radar **terminal** system
- terminal** velocity
- terminals**
- data processing **terminals**
- deepwater **terminals**
- Earth **terminals**
- electric **terminals**
- ship **terminals**
- tanker **terminals**
- very small aperture **terminals**
  - use* VSAT (network)
- terminating**
  - use* stopping
- thrust **termination**
- flight **termination** systems
  - use* abort apparatus
- terminator** lines
- terminology**
- terms**
- ternary** alloys
- ternary** systems
- ternary** systems (digital)
  - use* digital systems
- terpenes**
- terphenyls**
- Terra** spacecraft
- terraces** (landforms)
- terradynamics**
- terraforming**
- terrain**
- terrain** analysis
- Terrain** Contour Matching Navigation System
  - use* TERCOM
- terrain** following
- Office of Space & **Terrestr** Applic Payloads
  - use* OSTA-1 payload
  - OSTA-2 payload
  - OSTA-3 payload
- terrestrial** dust belt
- solar **terrestrial** interactions
- terrestrial** magnetism
  - use* geomagnetism
- terrestrial** planets
- terrestrial** radiation
- Solar **Terrestrial** Relations Observatory
  - use* STEREO (observatory)
- terrier** missile
- Northwest **Territories**
- Yukon **Territory**
- terrorism**
- Cretaceous- **Tertiary** boundary
- Tertiary** Period

	<b>tesseral</b> harmonics		<b>test</b> stands
body sway	<b>test</b>	hydraulic	<b>test</b> tunnels
Bruceston	<b>test</b>		<b>test</b> vehicles
	<i>use</i> statistical tests	flight	<b>test</b> vehicles
carboxyhemoglobin	<b>test</b>		<b>testers</b>
Charpy impact	<b>test</b>		<i>use</i> test equipment
Drones for Aerodynamic and Struct	<b>Test</b>	compression	<b>testers</b>
	<i>use</i> DAST program		<i>use</i> compression tests
ear pressure	<b>test</b>	Fokker bond	<b>testers</b>
Kolmogorov-Smirnov	<b>test</b>		<i>use</i> adhesion tests
Mann-Whitney-Wilcoxon U	<b>test</b>		<b>testes</b>
RIFT (reactor in flight	<b>test)</b>		<b>testing</b>
Ronchi	<b>test</b>		<i>use</i> tests
tilt-table	<b>test</b>	resonance	<b>testing</b>
Weber	<b>test</b>	engine	<b>testing</b> laboratories
Orbital Flight	<b>Test</b> 1 (shuttle)		<b>testing</b> machines
	<i>use</i> Space Transportation System 1 flight		<i>use</i> test equipment
Space Shuttle Orbital Flight	<b>Test</b> 1	fatigue	<b>testing</b> machines
	<i>use</i> Space Transportation System 1 flight	impact	<b>testing</b> machines
Orbital Flight	<b>Test</b> 2 (shuttle)	load	<b>testing</b> machines
	<i>use</i> Space Transportation System 2 flight	vibration	<b>testing</b> machines
Space Shuttle Orbital Flight	<b>Test</b> 2		<i>use</i> vibration simulators
	<i>use</i> Space Transportation System 2 flight	physical constants	<b>testing</b> reactor
Orbital Flight	<b>Test</b> 3 (shuttle)		<i>use</i> nuclear research and test reactors
	<i>use</i> Space Transportation System 3 flight		water cooled reactors
Space Shuttle Orbital Flight	<b>Test</b> 3	materials	<b>testing</b> reactors
	<i>use</i> Space Transportation System 3 flight		<i>use</i> nuclear research and test reactors
Orbital Flight	<b>Test</b> 4 (shuttle)		<b>testing</b> time
	<i>use</i> Space Transportation System 4 flight		<b>tests</b>
Space Shuttle Orbital Flight	<b>Test</b> 4	accelerated life	<b>tests</b>
	<i>use</i> Space Transportation System 4 flight	adhesion	<b>tests</b>
free flight	<b>test</b> apparatus	altitude	<b>tests</b>
hypersonic	<b>test</b> apparatus	bend	<b>tests</b>
supersonic	<b>test</b> apparatus	burst	<b>tests</b>
	<b>test</b> beds	captive	<b>tests</b>
	<i>use</i> test stands	chemical	<b>tests</b>
	<b>test</b> chambers	cold flow	<b>tests</b>
	<b>test</b> equipment	cold weather	<b>tests</b>
automatic	<b>test</b> equipment	compression	<b>tests</b>
	<b>test</b> facilities	corrosion	<b>tests</b>
rocket	<b>test</b> facilities	creep	<b>tests</b>
Transient Reactor	<b>Test</b> Facility	damping	<b>tests</b>
TREAT	<b>(test</b> facility)	destructive	<b>tests</b>
	<i>use</i> Transient Reactor Test Facility	drop	<b>tests</b>
	<b>test</b> firing	drop weight	<b>tests</b>
flight	<b>test</b> instruments		<i>use</i> drop tests
corrosion	<b>test</b> loops	dynamic	<b>tests</b>
	<b>test</b> pattern generators	electric equipment	<b>tests</b>
	<b>test</b> pilots	electronic equipment	<b>tests</b>
reactor in flight	<b>test</b> program	engine	<b>tests</b>
	<i>use</i> RIFT (reactor in flight test)	environmental	<b>tests</b>
Apollo Soyuz	<b>test</b> project	fatigue	<b>tests</b>
	<b>test</b> ranges	field	<b>tests</b>
plutonium recycle	<b>test</b> reactor	flight	<b>tests</b>
advanced	<b>test</b> reactors	flight stability	<b>tests</b>
engineering	<b>test</b> reactors	fuel	<b>tests</b>
fast	<b>test</b> reactors	full scale	<b>tests</b>
heavy water components	<b>test</b> reactors	ground	<b>tests</b>
nuclear	<b>test</b> reactors	hardness	<b>tests</b>
	<i>use</i> nuclear research and test reactors	hardware-in-the-loop	<b>tests</b>
nuclear research and	<b>test</b> reactors		<i>use</i> hardware-in-the-loop simulation
Orbital	<b>Test</b> Satellite (ESA)	heat	<b>tests</b>
	<i>use</i> OTS (ESA)		<i>use</i> high temperature tests
Maritime Orbital	<b>Test</b> Satellite	high altitude	<b>tests</b>
	<i>use</i> Marots (ESA)	high temperature	<b>tests</b>
Engineering	<b>Test</b> Satellites	impact	<b>tests</b>
CARETS	<b>(test</b> site)	in vitro methods and	<b>tests</b>
	<i>use</i> Central Atlantic Regional Ecol Test Site	in vivo methods and	<b>tests</b>
Central Atlantic Regional Ecol	<b>Test</b> Site	intelligence	<b>tests</b>
		load	<b>tests</b>
		low temperature	<b>tests</b>
		lubricant	<b>tests</b>
		materials	<b>tests</b>
		meteorite compression	<b>tests</b>
			<i>use</i> compression tests
			mechanical properties
			meteorites

- missile **tests**
- nondestructive **tests**
- notch **tests**
- orbital space **tests**
- patch **tests**
- performance **tests**
- personality **tests**
- physiological **tests**
- prefiring **tests**
- prelaunch **tests**
- propellant **tests**
- psychological **tests**
- railroad humping **tests**
- rank **tests**
- reactor startup **tests**
- Rorschach **tests**
- salt spray **tests**
- self **tests**
- SERT (rocket **tests**)  
*use* space electric rocket tests
- shock **tests**
- Snellen **tests**
- space electric rocket **tests**
- Space Shuttle Orbital Flight **Tests**  
*use* Space Transportation System flights
- spacecraft prelaunch **tests**  
*use* space vehicle checkout program
- spin **tests**
- stability **tests**
- static **tests**
- statistical **tests**
- stroking **tests**
- tensile **tests**
- thermal cycling **tests**
- thermal vacuum **tests**
- ultrasonic **tests**
- underwater **tests**
- vacuum **tests**
- vestibular **tests**
- vibration **tests**
- water tunnel **tests**
- wear **tests**
- weld **tests**
- whirling **tests**  
*use* spin tests
- wind tunnel **tests**
- wind tunnel stability **tests**
- wing flow method **tests**
- orbital flight **tests** (shuttle)  
*use* Space Transportation System flights
- approach and landing **tests** (STS)
- tethered balloons
- tethered satellites
- tethering
- tetherlines
- Tethys
- tetrabutyls
- carbon tetrachloride
- silicon tetrachloride
- carbon tetrachloride poisoning
- tetrachlorides
- tetrachloromethane  
*use* carbon tetrachloride
- tetracyclines
- tetrad theory
- tetraethyl orthocarbonates
- tetraethyl orthosilicate
- carbon tetrafluoride
- tetrafluorohydrazine
- tetragons
- tetrahedrons
- tetrahydrofuran
- cyclotetramethylene tetranitramine  
*use* HMX
- polybutadiene tetranitramine
- pentaerythritol tetranitrate  
*use* PETN
- tetranitrotetrazacyclooctane  
*use* HMX
- tetraphenyls
- tetrazoles
- tetrodes
- tetroons  
*use* superpressure balloons
- nitrogen tetroxide
- tetryl
- texas
- Lake Texoma (OK-TX)
- textbooks
- textiles
- texts
- textures
- TF-30 engine
- TF-34 engine
- TF-41 engine
- TFX aircraft  
*use* F-111 aircraft
- TH-55 helicopter
- Thailand
- thalamus
- thallium
- thallium alloys
- thallium compounds
- thallium isotopes
- thawing  
*use* melting
- THC (oceanography)  
*use* thermohaline circulation
- Thebe
- thematic mappers (LANDSAT)
- thematic mapping
- Themis project
- theodolites
- Theodorsen transformation
- addition **theorem**
- Bayes **theorem**
- Bernoulli **theorem**
- binomial **theorem**
- Castigliano variational **theorem**
- duality **theorem**
- equipartition **theorem**
- Floquet **theorem**
- Gauss-Markov **theorem**
- Green's **theorem**  
*use* Green's functions
- Hellmann-Feynman **theorem**
- Kakutani **theorem**
- Lebesgue **theorem**
- Liouville **theorem**
- Michell **theorem**
- Nernst heat **theorem**  
*use* Nernst-Ettingshausen effect
- Pomeranchuk **theorem**
- Poynting **theorem**
- reciprocity **theorem**
- Richards **theorem**
- Riesz **theorem**
- Schauder fixpoint **theorem**
- similarity **theorem**
- Taylor **theorem**  
*use* Taylor series
- uniqueness **theorem**
- virial **theorem**
- theorem** proving
- Stokes **theorem** (vector calculus)
- theorems**
- existence **theorems**
- reciprocal **theorems**
- theoretical** physics
- theories**
- bimetric **theories**
- Abrikosov **theory**
- atomic **theory**
- automata **theory**
- Bardeen-Cooper-Schrieffer **theory**  
*use* BCS theory

- BCS **theory**
- Bellman **theory**
- bending **theory**
- Bessel-Bredichin **theory**
- Bogoliubov **theory**
- Bohr **theory**
- Born-Infeld **theory**
- catastrophe **theory**
- Chapman-Enskog **theory**
- communication **theory**
- control **theory**
- Crocco-Lee **theory**
- crystal field **theory**
- Debye-Huckel **theory**
- decision **theory**
- density functional **theory**
- diffusion **theory**
- disturbance **theory**
  - use* perturbation theory
- dynamo **theory**
- Dyson **theory**
- electroweak interactions (field **theory**)
- Enskog-Chapman **theory**
  - use* Chapman-Enskog theory
- Euler-Bernoulli beam **theory**
  - use* Euler-Bernoulli beams
- Eyring **theory**
- field mode **theory**
- finite difference **theory**
- flow **theory**
- fluctuation **theory**
- Foster **theory**
- game **theory**
- gauge **theory**
- Gestalt **theory**
- Glauber **theory**
- goal **theory**
- grand unified **theory**
- graph **theory**
- gravitation **theory**
- group **theory**
- Gumbel **theory**
  - use* range (extremes)
- Hansen lunar **theory**
- Heisenberg **theory**
- Hill lunar **theory**
- homotopy **theory**
- Hueckel **theory**
- information **theory**
- Jeans **theory**
- kinetic **theory**
- Kolmogorov **theory**
- learning **theory**
- Malkus **theory**
- Manning **theory**
- many particle **theory**
  - use* many body problem
- matrix **theory**
- measure **theory**
  - use* measure and integration
- membrane **theory**
  - use* structural analysis
- Michaelis **theory**
- Mie **theory**
  - use* Mie scattering
- Milankovitch **theory**
  - use* climatology
- Mindlin plate **theory**
  - use* Mindlin plates
- mixing length flow **theory**
- molecular **theory**
- momentum **theory**
- Newton **Theory**
- nonadiabatic **theory**
- number **theory**
- Opik **theory**
- orthogonal multiplexing **theory**
- particle **theory**
- perturbation **theory**
- piston **theory**
- plasma **theory**
  - use* plasma physics
- plate **theory**
- population **theory**
- potential **theory**
- probability **theory**
- quantum **theory**
- queueing **theory**
- Reissner **theory**
- relativistic **theory**
- S matrix **theory**
- saddle points (game **theory**)
- set **theory**
- Shannon information **theory**
  - use* information theory
- shell **theory**
- spectral **theory**
- squeezed states (quantum **theory**)
- statistical communication **theory**
  - use* communication theory
- statistical decision **theory**
- string **theory**
- strong interactions (field **theory**)
- Sturm-Liouville **theory**
- superstring **theory**
  - use* string theory
- switching **theory**
- Tellegen **theory**
  - use* gyrators
  - network analysis
  - network synthesis
- tetrad **theory**
- Thomas-Fermi **theory**
  - use* Thomas-Fermi model
- transport **theory**
- unified field **theory**
- vinti **theory**
- von Mises **theory**
  - use* stress functions
- weak interactions (field **theory**)
- Wightman **theory**
  - use* field theory (physics)
  - quantum theory
  - relativistic theory
- Yang-Mills **theory**
- Young-Helmholtz **theory**
  - field **theory** (algebra)
  - geometrical **theory** of diffraction
  - field **theory** (physics)
  - therapy**
  - drug **therapy**
    - use* chemotherapy
  - gene **therapy**
  - radiation **therapy**
    - thermal** absorption
    - thermal** accommodation coefficients
    - use* accommodation coefficient
    - thermal** agitation
    - use* thermal energy
    - thermal** analysis
  - differential **thermal** analysis
    - use* thermal analysis
  - thermal** barriers (plasma control)
  - thermal** batteries
  - thermal** blooming
  - thermal** boundary layer
  - thermal** buckling
  - thermal** comfort
  - thermal** conductivity
  - thermal** conductivity gages
  - thermal** conductors
  - thermal** control coatings
  - thermal** convection
    - use* free convection
  - thermal** currents
    - use* convective flow
  - thermal** cycling tests
  - thermal** decomposition

- thermal** defocusing
  - use* thermal blooming
- thermal** degradation
- thermal** diffusion
- thermal** diffusivity
- thermal** dissociation
- thermal** effects
  - use* temperature effects
- thermal** efficiency
  - use* thermodynamic efficiency
- solar **thermal** electric power plants
- thermal** emission
- thermal** energy
- ocean **thermal** energy conversion
- thermal** energy storage
  - use* heat storage
- thermal** environments
- thermal** expansion
- thermal** fatigue
- thermal** gravimetry
  - use* thermogravimetry
- thermal** instability
- thermal** insulation
- thermal** lenses
  - use* thermal lensing
- thermal** lensing
- thermal** mapping
- thermal** neutrons
- thermal** noise
- thermal** plasmas
- thermal** pollution
- thermal** power
  - use* turbogenerators
- thermal** properties
  - use* thermodynamic properties
- solar **thermal** propulsion
- thermal** protection
- thermal** radiation
- thermal** reactors
- thermal** resistance
- thermal** resources
- thermal** shielding
  - use* heat shielding
- thermal** shock
- thermal** simulation
- thermal** sinks
  - use* heat sinks
- high velocity oxygen fuel **thermal** spraying
  - use* HVOF thermal spraying
- HVOF **thermal** spraying
- thermal** stability
- thermal** stresses
- thermal** vacuum tests
- neutron **thermalization**
- thermalization** (energy absorption)
- thermions**
- thermionic** cathodes
- thermionic** conversion systems
  - use* thermionic power generation
- thermionic** converters
- thermionic** diodes
- thermionic** emission
- thermionic** emitters
- thermionic** power generation
- thermionic** reactors
  - use* ion engines
  - nuclear rocket engines
- thermionics**
- thermistors**
- thermites**
- thermoacoustic** effects
- thermoacoustic** refrigerators
- thermobalances**
- thermocapillary** migration
- thermochemical** properties
- thermochemistry**
- thermochromatic** materials
- thermochromic** coatings
- thermochromic** films
  - use* thermochromic coatings
- thermoclines**
- thermocouple** pyrometers
- thermocouples**
- thermodynamic** coupling
- thermodynamic** cycles
- thermodynamic** efficiency
- thermodynamic** equilibrium
- local **thermodynamic** equilibrium
- thermodynamic** properties
- thermodynamics**
- nonequilibrium **thermodynamics**
- thermoelasticity**
- thermoelectric** conversion systems
  - use* thermoelectric power generation
- thermoelectric** cooling
- thermoelectric** generators
- thermoelectric** materials
- Thermoelectric** Outer Planet Spacecraft
  - use* TOPS (spacecraft)
- thermoelectric** power generation
- thermoelectric** spacecraft
  - use* TOPS (spacecraft)
- thermoelectricity**
- thermoelement** ammeters
- thermograms**
  - use* recording instruments
  - temperature measuring instruments
- thermography**
- thermogravimetry**
- thermohaline** circulation
- thermohydraulics**
- thermoluminescence**
- thermomagnadynamics**
  - use* thermomagnetic effects
- thermomagnetic** cooling
- thermomagnetic** effects
- thermomagnetism**
  - use* thermomagnetic effects
- thermomechanical** treatment
- thermomechanics**
  - use* thermodynamics
- thermometers**
- resistance **thermometers**
- thermometry**
  - use* temperature measurement
- thermomigration**
- thermonuclear** energy
  - use* thermonuclear power generation
- thermonuclear** explosions
- thermonuclear** power generation
- thermonuclear** propulsion
  - use* nuclear propulsion
- thermonuclear** reactions
- Astron **thermonuclear** reactor
- zeta **thermonuclear** reactor
- thermophiles**
- thermophilic** plants
- thermophoresis**
- thermophotovoltaic** conversion
- thermophysical** properties
- thermophysics**
  - use* thermodynamics
- thermopiles**
- thermoplastic** films
- thermoplastic** resins
- thermoplasticity**
- thermoreceptors**
- thermoregulation**
- thermosetting** resins
- thermosiphons**
- thermosphere**
- thermostability**
  - use* thermal stability
- thermostats**

- thermotropism**  
*use* anisotropy  
temperature effects
- thermoviscoelasticity**
- thesauri**
- theses**
- theta** pinch
- thiamine**
- thiazine** (trademark)
- thick** films
- thick** plates
- thick** walls
- thickeners**
- thickeners** (equipment)
- thickeners** (materials)
- thickness**
- airfoil **thickness**  
*use* airfoil profiles
- boundary layer **thickness**
- film **thickness**
- optical **thickness**
- target **thickness**
- thickness** ratio
- thigh**
- thin** airfoils
- thin** bodies
- thin** films
- thin** layer chromatography
- thin** plates
- thin** walled shells
- thin** walls
- thin** wings
- thinners**  
*use* solvents
- shear **thinning**
- thiols**
- thiophenes**
- thioplastics**
- thioureas**
- thiuronium**
- thixotropic** propellants  
*use* gelled rocket propellants
- thixotropy**
- Thomas-Fermi** model
- Thomas-Fermi** theory  
*use* Thomas-Fermi model
- Thomson** effect  
*use* thermoelectricity
- Joule-**Thomson** effect
- Milne-**Thomson** method
- Thomson** scattering
- Thor** Able rocket vehicle
- Thor** Agena launch vehicle
- Thor** Delta launch vehicle
- Thor** launch vehicles
- Thorad** launch vehicles
- thorax**
- thorium**
- thorium** 228  
*use* thorium isotopes
- thorium** 230  
*use* thorium isotopes
- thorium** 234  
*use* thorium isotopes
- thorium** alloys
- thorium** compounds
- thorium** fluorides
- thorium** isotopes
- thorium** oxides
- thoron**  
*use* radon isotopes
- threads**
- threat** evaluation
- three** axis stabilization
- three** body problem
- three** dimensional bodies
- three** dimensional boundary layer
- three** dimensional composites
- three** dimensional flow
- three** dimensional models
- three** dimensional motion
- damage **threshold**  
*use* yield point
- noise **threshold**
- threshold** currents
- threshold** detectors (dosimeters)
- threshold** gates
- threshold** logic
- threshold** shift  
*use* thresholds
- threshold** voltage
- thresholds**
- sensory **thresholds**  
*use* thresholds (perception)
- thresholds** (perception)
- throats**
- thrombin**
- thrombocytes**
- thrombopenia**
- thromboplastin**
- thrombosis**
- throttling**
- throwing**
- thrust**
- high **thrust**
- jet **thrust**
- leading edge **thrust**
- low **thrust**
- rocket **thrust**
- static **thrust**
- variable **thrust**
- thrust** augmentation
- thrust** bearings
- thrust** chamber pressure
- thrust** chambers
- nozzle **thrust** coefficients
- thrust** control
- thrust** distribution
- thrust** faults  
*use* geological faults
- thrust** loads
- thrust** measurement
- dual **thrust** nozzles
- thrust** power  
*use* thrust
- thrust** programming
- optimum **thrust** programming  
*use* thrust programming
- low **thrust** propulsion
- thrust** reversal
- thrust** termination
- thrust** vector control
- thrust-weight** ratio
- Hall **thrusters**
- LFA **thrusters**  
*use* magnetoplasmadynamic thrusters
- Lorentz force accelerator **thrusters**  
*use* magnetoplasmadynamic thrusters
- magnetoplasmadynamic **thrusters**
- MPD **thrusters**  
*use* magnetoplasmadynamic thrusters
- pulsed inductive **thrusters**
- pulsed plasma **thrusters**
- radio frequency ion **thrustor** engines  
*use* RIT engines
- thrustors**
- thulium**
- thulium** 171  
*use* thulium isotopes
- thulium** compounds
- thulium** isotopes
- Thunderchief** aircraft  
*use* F-105 aircraft
- thunderstorms**
- thymidine**

- thymine**
- thymol**
- thymus** gland
- thyratrons**
- thyristors**
- thyroid** gland
- thyroxine**
- Tibet**
- tibia**
- TID**
  - use* traveling ionospheric disturbances
- tidal** flats
- tidal** oscillation
  - use* tides
- tidal** waves
- red **tide**
  - tide** powered generators
  - tide** powered machines
- tidepower**
- tides**
  - atmospheric **tides**
  - Earth **tides**
  - lunar **tides**
- tiebolts**
- TIG** welding
  - use* gas tungsten arc welding
- tightness**
- tiles**
- tilt**
  - use* attitude (inclination)
- head down **tilt**
- head up **tilt**
  - tilt** rotor aircraft
  - Tilt** Rotor Research Aircraft Program
  - tilt-table** test
  - tilt** wing aircraft
  - tilted** propellers
  - tilting**
    - use* attitude (inclination)
  - tilting** rotors
  - tiltmeters**
- ionospheric **tilts**
  - timber** identification
  - timber** inventory
  - timber** vigor
  - timberline**
- time**
  - access **time**
  - burning **time**
  - ephemeris **time**
    - firing **time**
      - use* burning time
    - flight **time**
    - launch **time**
      - use* launch windows
  - rates (per **time**)
  - reaction **time**
  - relaxation **time**
  - reverse **time**
    - use* reaction time
  - sidereal **time**
  - testing **time**
  - transit **time**
  - universal **time**
    - space-**time** adaptive processing
    - mean **time** between failures
      - use* MTBF
    - space-**time** CE/SE method
  - response **time** (computers)
    - run **time** (computers)
      - time** constant
  - perceptual **time** constant
  - space-**time** continuum
    - use* relativity
  - time** delay
    - use* time lag
  - time** dependence
- controlled avalanche transit **time** devices
  - use* CATT devices
- barrier injection transit **time** diodes
  - use* Barritt diodes
- time** discrimination
- time** division multiple access
- time** division multiplexing
- time** domain analysis
- finite difference **time** domain method
- time** functions
  - space-**time** functions
  - time** lag
  - time** lapse photography
    - use* chronophotography
  - time** marching
  - time** measurement
  - time** measuring instruments
  - space-**time** metric
    - use* space-time functions
  - pulse **time** modulation
  - time** of flight spectrometers
  - real **time** operation
  - time** optimal control
  - stress-strain-**time** relations
  - time** response
  - time** series analysis
  - time** sharing
  - time** signals
  - time** synchronization
  - time** temperature parameter
  - timers**
    - use* timing devices
  - timing**
    - use* time measurement
  - timing** devices
  - Rossi X Ray **Timing** Explorer
    - use* X Ray Timing Explorer
  - X Ray **Timing** Explorer
  - Timoshenko** beams
  - tin**
    - alloys
    - compounds
  - organic **tin** compounds
  - tin** isotopes
  - indium-**tin**-oxide semiconductors
  - tin** oxides
  - tin** tellurides
  - tip** driven rotors
  - tip** speed
  - tip** vanes
  - wing **tip** vortices
  - tips**
    - blade **tips**
    - crack **tips**
    - nose **tips**
    - wing **tips**
  - tires**
    - aircraft **tires**
      - TIROS** 1 satellite
      - TIROS** 2 satellite
      - TIROS** 3 satellite
      - TIROS** 4 satellite
      - TIROS** 5 satellite
      - TIROS** 6 satellite
      - TIROS** 7 satellite
      - TIROS** 8 satellite
      - TIROS** 9 satellite
      - TIROS** 10 satellite
      - TIROS** D satellite
        - use* TIROS 4 satellite
      - TIROS** E satellite
        - use* TIROS 5 satellite
      - TIROS** F satellite
        - use* TIROS 6 satellite
      - TIROS** G satellite
        - use* TIROS 7 satellite
      - TIROS** H satellite
        - use* TIROS 8 satellite
      - TIROS** M

- TIROS** N series satellites  
**TIROS** operational satellite system  
 Improved **TIROS** Operational Satellites  
     *use* ITOS satellites  
     **TIROS** project  
     **TIROS** satellites  
     **TIROS** wheel satellite  
     *use* TIROS 9 satellite  
 connective **tissue**  
     **tissue** culturing  
     **tissue** engineering  
 adipose **tissues**  
 plantar **tissues**  
     **tissues** (biology)  
**Titan**  
**Titan** 1 ICBM  
**Titan** 2 ICBM  
**Titan** 3 launch vehicle  
**Titan** 4 launch vehicle  
**Titan** 4B launch vehicle  
**Titan** atmosphere  
**Titan** Centaur launch vehicle  
**Titan** ICBM  
**Titan** launch vehicles  
**Titan** project  
**titanates**  
 barium **titanates**  
     lead **titanates**  
 lead zirconate **titanates**  
 magnesium **titanates**  
 strontium **titanates**  
 zirconium **titanates**  
**Titania**  
**titanium**  
**titanium** alloys  
**titanium** aluminides  
**titanium** borides  
**titanium** carbides  
**titanium** chlorides  
**titanium** compounds  
**titanium** dioxide  
     *use* titanium oxides  
**titanium** isotopes  
**titanium** nitrides  
**titanium** oxides  
 position **(title)**  
**titration**  
**titrimeters**  
 Great Smoky Mountains (NC-  
     Tennessee Valley (AL-KY-  
     **TN)**  
     **TN)**  
**TNO** (astronomy)  
     *use* trans-Neptunian objects  
**TNT** (trinitrotoluene)  
     *use* trinitrotoluene  
**tobacco**  
 Trinidad and **Tobago**  
**tocopherol**  
**Togo**  
**toilets**  
**tokamak** devices  
 acceleration **tolerance**  
     altitude **tolerance**  
     cold **tolerance**  
     fault **tolerance**  
     heat **tolerance**  
     noise **tolerance**  
 orthostatic **tolerance**  
 radiation **tolerance**  
     human **tolerances**  
     impact **tolerances**  
     **tolerances** (mechanics)  
     **tolerances** (physiology)  
**Tollmien-Schlichting** waves  
**toluene**  
**Tomahawk** missiles  
 Nike-**Tomahawk** rocket vehicle  
**tomatoes**  
**tombolos**  
     *use* bars (landforms)
- tomography**  
 computer aided **tomography**  
**TOMS**  
     *use* Total Ozone Mapping  
     Spectrometer  
**tone**  
     *use* pitch  
 aeolian **tones**  
 screech **tones**  
**tongue**  
**Tonk** meteorite  
**tonometry**  
     *use* intraocular pressure  
     pressure measurement  
**tonus**  
     *use* muscular tonus  
 muscular **tonus**  
**tooling**  
**tools**  
     files **(tools)**  
     machine **tools**  
     software **tools**  
     *use* software development tools  
 software development **tools**  
     space **tools**  
**tooth** diseases  
**TOPEX**  
     bays **(topographic** features)  
     sounds **(topographic** features)  
**topography**  
     depressions **(topography)**  
     *use* structural basins  
     inlets **(topography)**  
     lunar **topography**  
 Stoss-and-Lee **topography**  
     *use* glacial drift  
**topology**  
**topping** cycle engines  
**TOPS** (spacecraft)  
**torches**  
 plasma **torches**  
**Tornado** aircraft  
     *use* MRCA aircraft  
**tornadoes**  
**Toro** asteroid  
**toroidal** discharge  
**toroidal** plasmas  
**toroidal** shells  
**toroidal** wheels  
**toroids**  
**torpedo** engines  
**torpedoes**  
 RETORC **(torpedoes)**  
     *use* torpedoes  
**torque**  
**torque** converters  
**torque** measuring apparatus  
     *use* torquemeters  
**torque** motors  
**torque** sensors (nonrobotics)  
     *use* torquemeters  
**torque** sensors (robotics)  
**torquemeters**  
**torquers**  
**Torres** Strait  
**torsion**  
**torsional** stress  
**torsional** vibration  
**torso**  
 Joint European **Torus**  
**toruses**  
 bumpy **toruses**  
**Tory** 2 reactor  
**Tory** 2-A reactor  
**Tory** 2-C reactor  
**TOS-A**  
     *use* ESSA 3 satellite  
**total** energy systems  
 solar **total** energy systems

- total** impulse  
**Total** Ozone Mapping Spectrometer  
**total** quality management  
**total** variation diminishing schemes  
*use* TVD schemes  
**touch**  
**touchdown**  
**toughness**  
fracture **toughness**  
*use* fracture strength  
Comet Nucleus **Tour**  
**tourism**  
space **tourism**  
**tourmaline**  
**Tournesole** satellite  
*use* D-2 satellites  
**tourniquets**  
Grand **Tours**  
**Toutatis** asteroid  
**tow** missiles  
**towed** bodies  
**towed** targets  
*use* targets  
towed bodies  
**Tower** Shielding Reactor 2  
**towers**  
airport **towers**  
drop **towers**  
umbilical **towers**  
whirl **towers**  
**towing**  
**Townsend** avalanche  
**Townsend** discharge  
**townsend** surfaces  
*use* Townsend avalanche  
**toxic** diseases  
**toxic** hazards  
**toxicity**  
oxygen **toxicity**  
*use* hyperoxia  
**toxicity** and safety hazard  
**toxicology**  
poisoning **(toxicology)**  
*use* toxic diseases  
**toxins** and antitoxins  
**TQM** (quality control)  
*use* total quality management  
**TRAAC** satellite  
*use* Transit Attitude Control satellite  
**trace** contaminants  
**trace** elements  
**TRACE** satellite  
*use* Transition Region and Coronal Explorer  
Active Magneto Particle **Tracer** Explorers  
*use* AMPTE (satellites)  
**tracers**  
**trachea**  
**trachyte**  
**tracing**  
ray **tracing**  
**tracked** vehicles  
CCD star **tracker**  
laser ranger/ **tracker**  
Stellar (star **tracker**)  
*use* CCD star tracker  
star **trackers**  
compensatory **tracking**  
infrared **tracking**  
look angles **(tracking)**  
missile **tracking**  
multiple target **tracking**  
multiradar **tracking**  
*use* radar networks  
optical **tracking**  
photographic **tracking**  
pursuit **tracking**  
radar **tracking**  
radio **tracking**  
range and range rate **tracking**  
satellite **tracking**  
satellite-to-satellite **tracking**  
spacecraft **tracking**  
star **tracking**  
*use* star trackers  
target **tracking**  
*use* tracking (position)  
TCG **(tracking)**  
*use* transponder control group  
video landmark acquisition and **tracking**  
visual **tracking**  
*use* optical tracking  
Satellite **Tracking** and Data Acq Network  
*use* STDN (network)  
Space Flight **Tracking** and Data Network  
Spacecraft **Tracking** and Data Network  
*use* STDN (network)  
**Tracking** and Data Relay Satellites  
*use* TDR satellites  
**tracking** antennas  
*use* directional antennas  
**tracking** filters  
Global **Tracking** Network  
GLOTRAC **(tracking** network)  
*use* Global Tracking Network  
STADAN (satellite **tracking** network)  
*use* STDN (network)  
**tracking** networks  
**tracking** (position)  
**tracking** problem  
optical satellite **tracking** program  
**tracking** radar  
**tracking** stations  
**tracking** studies  
*use* tracking (position)  
minitrack optical **tracking** system  
*use* minitrack system  
MOTS **(tracking** system)  
*use* minitrack system  
polystation doppler **tracking** system  
space detection and **tracking** system  
SPADATS **(tracking** system)  
*use* space detection and tracking system  
multispectral **tracking** telescopes  
**tracks**  
ground **tracks**  
particle **tracks**  
satellite ground **tracks**  
vehicular **tracks**  
**traction**  
**tractors**  
**tractors**  
**tracts**  
*use* sites  
foreign **trade**  
*use* international trade  
international **trade**  
Adiprene **(trademark)**  
Amberlite **(trademark)**  
amplitrons **(trademark)**  
*use* planotrons  
Astroloy **(trademark)**  
Bakelite **(trademark)**  
Borazon **(trademark)**  
*use* boron nitrides  
Buna **(trademark)**  
Carborundum **(trademark)**  
Dacron **(trademark)**  
Delrin **(trademark)**  
Flexowriters **(trademark)**  
*use* automatic typewriters  
Fortisan **(trademark)**  
Geon **(trademark)**  
*use* polyvinyl chloride  
Hastelloy **(trademark)**  
Hexogenes **(trademark)**  
Hopcalite **(trademark)**

Inconel <b>(trademark)</b>	<b>trainees</b>
Kapton <b>(trademark)</b>	<i>use</i> students
Kevlar <b>(trademark)</b>	L-29 jet <b>trainer</b>
Kovar <b>(trademark)</b>	<b>trainers</b>
Lexan <b>(trademark)</b>	<i>use</i> training devices
Lucite <b>(trademark)</b>	<b>training</b>
<i>use</i> polymethyl methacrylate	<i>use</i> education
Ludox <b>(trademark)</b>	astronaut <b>training</b>
Magnesyn <b>(trademark)</b>	ejection <b>training</b>
<i>use</i> servomotors	flight <b>training</b>
Manganin <b>(trademark)</b>	gunnery <b>training</b>
Masonite <b>(trademark)</b>	maintenance <b>training</b>
Monel <b>(trademark)</b>	pilot <b>training</b>
Mylar <b>(trademark)</b>	simulator <b>training</b>
Nembutal <b>(trademark)</b>	<i>use</i> training simulators
Nichrome <b>(trademark)</b>	space flight <b>training</b>
Nylon <b>(trademark)</b>	transfer of <b>training</b>
Permalloys <b>(trademark)</b>	<b>training</b> aircraft
Perspex <b>(trademark)</b>	<b>training</b> analysis
plexiglass <b>(trademark)</b>	<b>training</b> devices
<i>use</i> polymethyl methacrylate	<b>training</b> evaluation
Pyrex <b>(trademark)</b>	<b>training</b> simulators
<i>use</i> borosilicate glass	<b>trajectories</b>
Pyroceram <b>(trademark)</b>	abort <b>trajectories</b>
Pyrrones <b>(trademark)</b>	ascent <b>trajectories</b>
Refrasil <b>(trademark)</b>	ballistic <b>trajectories</b>
<i>use</i> fibers	circumlunar <b>trajectories</b>
silicon dioxide	descent <b>trajectories</b>
RTV-40 rubber <b>(trademark)</b>	Earth-Mars <b>trajectories</b>
RTV-60 rubber <b>(trademark)</b>	Earth-Mercury <b>trajectories</b>
Santowax <b>(trademark)</b>	Earth-Moon <b>trajectories</b>
Scotchlite <b>(trademark)</b>	Earth-Venus <b>trajectories</b>
Selsyns <b>(trademark)</b>	electron <b>trajectories</b>
<i>use</i> servomotors	gravity assist <b>trajectories</b>
Skydrol <b>(trademark)</b>	<i>use</i> swingby technique
Stellite <b>(trademark)</b>	Hohmann <b>trajectories</b>
styrofoam <b>(trademark)</b>	<i>use</i> elliptical orbits
Tedlar <b>(trademark)</b>	transfer orbits
<i>use</i> polyvinyl fluoride	hyperbolic <b>trajectories</b>
teflon <b>(trademark)</b>	interorbital <b>trajectories</b>
thiazine <b>(trademark)</b>	interplanetary <b>trajectories</b>
Viton rubber <b>(trademark)</b>	lunar <b>trajectories</b>
Zircaloy 2 <b>(trademark)</b>	midcourse <b>trajectories</b>
Zircalloys <b>(trademark)</b>	missile <b>trajectories</b>
Borsic <b>(trade name)</b>	molecular <b>trajectories</b>
Carbamates <b>(trade name)</b>	moon-Earth <b>trajectories</b>
<b>tradeoffs</b>	particle <b>trajectories</b>
Trader aircraft	reentry <b>trajectories</b>
<i>use</i> C-1A aircraft	rendezvous <b>trajectories</b>
<b>tradescantia</b>	round trip <b>trajectories</b>
TRADEX radar system	spacecraft <b>trajectories</b>
<b>traffic</b>	SPURT <b>(trajectories)</b>
air <b>traffic</b>	<i>use</i> spinning unguided rocket
automatic <b>traffic</b> advisory and resolution	trajectory
<b>traffic</b> control	underwater <b>trajectories</b>
air <b>traffic</b> control	spinning unguided rocket <b>trajectory</b>
air <b>traffic</b> controllers (personnel)	<b>trajectory</b> analysis
Location of Air <b>Traffic</b> Satellites	<b>trajectory</b> control
<i>use</i> LOCATES system	Goddard <b>Trajectory</b> Determination System
automated mixed <b>traffic</b> vehicles	<b>trajectory</b> measurement
<b>tagacanth</b>	<b>trajectory</b> optimization
<b>Trailblazer</b> 1 reentry vehicle	<b>trajectory</b> planning
<b>Trailblazer</b> 1 rocket vehicle	multiple target <b>trajectory</b> systems
<i>use</i> Trailblazer 1 reentry vehicle	<i>use</i> MATTS (systems)
<b>Trailblazer</b> 2 reentry vehicle	<b>tranquilizers</b>
<b>Trailblazer</b> 2 rocket vehicle	<b>trans-Neptunian</b> objects
<i>use</i> Trailblazer 2 reentry vehicle	<b>Transall</b> C-160 aircraft
<b>trailers</b>	<i>use</i> C-160 aircraft
<b>trailing</b> edge flaps	<b>transatmospheric</b> vehicles
<b>trailing</b> edges	<b>transceivers</b>
blunt <b>trailing</b> edges	<i>use</i> transmitter receivers
<b>trails</b>	<b>transcendental</b> functions
<i>use</i> tracks	<b>transconductance</b>
condensation <b>trails</b>	<b>transcontinental</b> systems
<i>use</i> contrails	<b>transcription</b> (genetics)
meteor <b>trails</b>	<b>transducers</b>
smoke <b>trails</b>	digital <b>transducers</b>
vapor <b>trails</b>	electroacoustic <b>transducers</b>
<i>use</i> contrails	electronic <b>transducers</b>

- image **transducers**
- interdigital **transducers**
- magnetic **transducers**
- piezoelectric **transducers**
- piezoresistive **transducers**
- pressure **transducers**
  - use* pressure sensors
- quartz **transducers**
- sound **transducers**
- ultrasonic wave **transducers**
  - transearth** injection
  - transequatorial** propagation
  - transfer**
    - use* transferring
- aerodynamic heat **transfer**
- aerospace technology **transfer**
- charge **transfer**
- conductive heat **transfer**
- convective heat **transfer**
- CPL (heat **transfer**)
  - use* capillary pumped loops
- drop **transfer**
- electron **transfer**
- energy **transfer**
- heat **transfer**
- hypersonic heat **transfer**
- information **transfer**
- intervehicle spacecrew **transfer**
  - use* spacecrew transfer
- laminar heat **transfer**
- mass **transfer**
- momentum **transfer**
- orbital **transfer**
  - use* transfer orbits
- payload **transfer**
- propellant **transfer**
- radiative **transfer**
- radiative heat **transfer**
- spacecrew **transfer**
- supersonic heat **transfer**
- technology **transfer**
- turbulent heat **transfer**
  - heat **transfer** coefficients
  - data **transfer** (computers)
  - charge **transfer** devices
  - flux **transfer** events
  - modulation **transfer** function
  - optical **transfer** function
  - transfer** functions
  - loop **transfer** functions
  - linear energy **transfer** (LET)
  - asynchronous **transfer** mode
  - resin **transfer** molding
  - transfer** of training
  - transfer** orbits
  - Hohmann **transfer** orbits
    - use* elliptical orbits
    - transfer orbits
  - interplanetary **transfer** orbits
  - loop **transfer** recovery
  - transfer** RNA
    - use* ribonucleic acids
  - organic charge **transfer** salts
  - transfer** tunnels
  - Automated **Transfer** Vehicle
  - intraorbit **transfer** vehicles
  - orbit **transfer** vehicles
  - transferred** electron devices
  - transferring**
- discrete cosine **transform**
- wavelet **transform**
  - use* wavelet analysis
  - transform** integrals
    - use* integral transformations
- Fourier **transformation**
- Gabor **transformation**
- Hilbert **transformation**
- Joukowski **transformation**
- Laplace **transformation**
- Legendre **transformation**
  - use* Legendre functions
- martensitic **transformation**
- Schwarz-Christoffel **transformation**
- Theodorsen **transformation** tensors
  - use* tensors
- transformations**
- conformal **transformations**
  - use* conformal mapping
- coordinate **transformations**
- fast Fourier **transformations**
- Fourier-Bessel **transformations**
- Householder **transformations**
- integral **transformations**
- linear **transformations**
- Lorentz **transformations**
- nuclear **transformations**
- order-disorder **transformations**
- phase **transformations**
- transformations** (mathematics)
- transformers**
- instrument **transformers**
- mode **transformers**
- transforming** genes
  - use* oncogenes
- transforms**
  - use* transformations (mathematics)
- Mellin **transforms**
- transfusion**
- transgranular** corrosion
- transhorizon** radio propagation
- transient** heating
- transient** loads
- transient** oscillations
- transient** pressures
- Transient** Reactor Test Facility
- transient** response
- transients** (surges)
  - use* surges
- low frequency **transionospheric** satellites
- transistor** amplifiers
- transistor** circuits
- transistor** logic
- Diode-**Transistor-Logic** integ circuits
- transistor-**transistor-logic** integ circuits
- transistors**
- bipolar **transistors**
- FET (**transistors**)
  - use* field effect transistors
- field effect **transistors**
- high electron mobility **transistors**
- junction **transistors**
- junction field effect **transistors**
  - use* JFET
- silicon **transistors**
- silicon-on-sapphire **transistors**
  - use* SOS (semiconductors)
- single electron **transistors**
- unipolar **transistors**
  - use* field effect transistors
- transit**
- trapped plasma avalanche triggered **transit**
  - use* TRAPATT devices
- Transit** Attitude Control satellite
- Transit** navigation system
- Transit** satellites
- rapid **transit** systems
- transit** time
- controlled avalanche **transit** time devices
  - use* CATT devices
- barrier injection **transit** time diodes
  - use* Barritt diodes
- automated **transit** vehicles
- automated guideway **transit** vehicles
- transition**
- boundary layer **transition**
- brittle-ductile **transition**
  - use* ductile-brittle transition

- ductile-brittle **transition**  
 optical **transition**  
**transition** elements (chemistry)  
*use* transition metals  
**transition** flight  
**transition** flow  
**transition** layers  
**transition** metals  
**transition** points  
**transition** pressure  
**transition** probabilities  
**Transition** Region and Coronal Explorer  
 solar **transition** region  
**transition** temperature  
 glass **transition** temperature  
 electron **transitions**  
 forbidden **transitions**  
**transits**  
**translating**  
 frequency **translation**  
*use* frequency converters  
 machine **translation**  
 Crew Equipment **Translation** Aid (ISS)  
**translational** motion  
**translators**  
 digital to voice **translators**  
 DIVOT (voice **translators**)  
*use* digital to voice translators  
**translucence**  
**translunar** injection  
**translunar** space  
*use* interplanetary space  
**transmission**  
 APT (picture **transmission**)  
*use* automatic picture transmission  
 ATM (data **transmission**)  
*use* asynchronous transfer mode  
 automatic picture **transmission**  
 channels (data **transmission**)  
 coaxial **transmission**  
*use* coaxial cables  
 transmission  
 coherent **transmission**  
*use* coherent radiation  
 data **transmission**  
 double sideband **transmission**  
 electric power **transmission**  
 electromagnetic wave **transmission**  
 facsimile **transmission**  
*use* facsimile communication  
 heat **transmission**  
 information **transmission**  
*use* data transmission  
 light **transmission**  
 microwave **transmission**  
 multipath **transmission**  
 multiplex **transmission**  
*use* multiplexing  
 neuromuscular **transmission**  
 neuron **transmission**  
*use* bioelectricity  
 packet **transmission**  
 power **transmission**  
 radar **transmission**  
 radio **transmission**  
 satellite **transmission**  
 satellite power **transmission**  
 SCPC **transmission**  
*use* single channel per carrier  
 transmission  
 short wave radio **transmission**  
 signal **transmission**  
 single channel per carrier **transmission**  
 single sideband **transmission**  
 sound **transmission**  
 spread spectrum **transmission**  
 superconducting power **transmission**  
 television **transmission**  
**transmission** circuits  
**transmission** efficiency  
**transmission** electron microscopy  
**transmission** fluids  
 power **transmission** (lasers)  
*use* laser power beaming  
**transmission** lines  
 flat coaxial **transmission** lines  
*use* microstrip transmission lines  
 fluid **transmission** lines  
 microstrip **transmission** lines  
 strip **transmission** lines  
 underground **transmission** lines  
**transmission** loss  
 power **transmission** (microwave)  
*use* microwave power beaming  
**transmission** rate (communications)  
**transmission** speed (communications)  
*use* transmission rate  
 (communications)  
**transmissions** (machine elements)  
**transmissivity**  
**transmissometers**  
**transmittance**  
**transmitter** receivers  
**transmitters**  
 emergency locator **transmitters**  
 instrument **transmitters**  
 radar **transmitters**  
 radio **transmitters**  
**transmutation**  
 neutron **transmutation**  
*use* nuclear reactions  
 neutron **transmutation** doping  
**transoceanic** communication  
**transoceanic** flight  
**transoceanic** systems  
**transonic** aircraft  
*use* supersonic aircraft  
**Transonic** Aircraft Technology Program  
*use* TACT program  
**transonic** compressors  
**transonic** flight  
**transonic** flow  
**transonic** flutter  
**transonic** inlets  
*use* supersonic inlets  
**transonic** nozzles  
**transonic** speed  
**transonic** turbines  
*use* supersonic turbines  
**transonic** wind tunnels  
**transonics**  
*use* transonic flow  
**transparence**  
**transparent** materials  
*use* transparence  
**transpiration**  
 fluid **transpiration**  
*use* transpiration  
**transpiration** cooling  
*use* sweat cooling  
**transplantation**  
**transplutonic** planets  
*use* hypothetical planets  
**transponder** control group  
**transponders**  
 environmental **transport**  
 gas **transport**  
 light intratheater **transport**  
 littoral **transport**  
 pollution **transport**  
 radiation **transport**  
 sediment **transport**  
 supersonic commercial air **transport**  
**transport** aircraft  
 F-28 **transport** aircraft  
 light **transport** aircraft  
 very large **transport** aircraft

- transport** coefficients
- use* transport properties
- Boltzmann **transport** equation
- vorticity **transport** hypothesis
- Energy Efficiency **Transport** program
  - use* ACEE program
- transport** properties
- experimental STOL **transport** rsch airplane
  - use* Questol aircraft
- carrier **transport** (solid state)
- transport** theory
- transport** vehicles
- transportation**
- air **transportation**
- evacuating **(transportation)**
- high speed **transportation**
  - use* rapid transit systems
- marine **transportation**
- rail **transportation**
- space **transportation**
- urban **transportation**
- transportation** energy
- transportation** networks
- Space **Transportation** System 1 flight
- Space **Transportation** System 2 flight
- Space **Transportation** System 3 flight
- Space **Transportation** System 4 flight
- Space **Transportation** System flights
- Saenger space **transportation** system
- Sanger space **transportation** system
  - use* Saenger space transportation system
- space **transportation** system
- transporter**
- Pioneer Venus 2 **transporter** bus
- magnetic tape **transports**
- supersonic **transports**
- transputers**
- transuranium** elements
- transverse** acceleration
- transverse** loads
- transverse** momentum
- transverse** oscillation
- transverse** vibration
  - use* transverse oscillation
- transverse** waves
- transversely** excited atmospheric lasers
  - use* TEA lasers
- TRAP** program
- Venus fly **trap** rocket vehicle
- TRAPATT** devices
- TRAPATT** diodes
  - use* avalanche diodes
- trapezoidal** tail surfaces
- trapezoidal** wings
- trapezoids**
- trapped** magnetic fields
- trapped** particles
- geomagnetically **trapped** particles
  - use* radiation belts
- magnetically **trapped** particles
- trapped** plasma avalanche triggered transit
  - use* TRAPATT devices
- trapped** vortices
- trapping**
- radiation **trapping**
- traps**
- cold **traps**
- vapor **traps**
- vortex **traps**
  - use* trapped vortices
- ion **traps** (instrumentation)
- travel**
- interstellar **travel**
- traveling** charge
- traveling** ionospheric disturbances
- traveling** salesman problem
- traveling** solvent method
- traveling** wave amplifiers
- traveling** wave masers
- traveling** wave modulation
- traveling** wave tubes
- traveling** waves
- trays**
- treadmills**
- treads**
- TREAT** (test facility)
  - use* Transient Reactor Test Facility
- conditioning **(treating)**
  - use* treatment
- treatment**
- heat **treatment**
- normalizing (heat **treatment**)
- sewage **treatment**
- sizing (surface **treatment**)
- surface **treatment**
- thermomechanical **treatment**
- ultrasonic **treatment**
  - use* ultrasonic processing
- waste **treatment**
- water **treatment**
- outer space **treaty**
- North Atlantic **Treaty** Organization (NATO)
- tree** ring dating
  - use* dendrochronology
- trees**
- citrus **trees**
- deciduous **trees**
- fault **trees**
- trees** (mathematics)
- trees** (plants)
- hybrid- **Trefftz** finite element method
  - use* finite element method
  - Trefftz method
- Trefftz** method
- trellis** coding
- tremors**
- trend** analysis
- program **trend** line analysis
- trends**
- Tresca** flow
- triacetin**
- triaminoguanidinenitrate**
  - use* TAGN
- triaminoguanidinium** azide
- triaminotrinitrobenzene**
  - use* TATB
- triangles**
- triangular** wings
  - use* delta wings
- triangulation**
- triatomic** molecules
- triaxial** stresses
- triaxiality**
  - use* triaxial stresses
- tribolia**
- tribology**
- triboluminescence**
- tribometers**
- tribometry**
  - use* friction measurement
- tributaries**
- trichlorides**
  - use* chlorides
- trichloroethylene**
- Trident** aircraft
  - use* DH 121 aircraft
- trident** submarine
- trienes**
- gallamine **triethiodide**
- triethyl** compounds
- boron **trifluoride**
  - use* boron fluorides
- trifluoroamine** oxide
- trigatrons**
- trigger** circuits

- trapped plasma avalanche **triggered** transit  
*use* TRAPATT devices
- triggers**  
*use* actuators
- trigonometric** functions
- trigonometry**
- trim** (balance)  
*use* aerodynamic balance
- trimers**
- trimethadione**
- trimethyl** compounds
- Trinidad** and Tobago
- trinitramine**
- cyclotrimethylene **trinitramine**  
*use* RDX
- trinitro** compounds
- trinitrotoluene**
- TNT **(trinitrotoluene)**  
*use* trinitrotoluene
- trinitrotriazocyclohexane**  
*use* RDX
- triodes**
- triols**
- round **trip** trajectories
- triphenyl** silicon
- triphenyls**
- adenosine **triphosphate**
- triple** axis spectrometers  
*use* neutron spectrometers
- triple** stars
- triplet** excitation  
*use* atomic energy levels
- triplet** state  
*use* atomic energy levels
- tripods**
- tripropellants**  
*use* liquid rocket propellants
- trisonic** wind tunnels
- tritium**
- Triton**
- tritons**
- trivalent** ions
- TRMM** satellite
- trochoids**  
*use* pivots
- troilite**
- Trojan** aircraft  
*use* T-28 aircraft
- Trojan** asteroids
- Trojan** orbits
- Trombe** walls
- GARP Atlantic **Tropical** Experiment
- tropical** meteorology
- Tropical** Rainfall Measuring Mission sat  
*use* TRMM satellite
- tropical** regions
- tropical** storms
- tropics**  
*use* tropical regions
- tropism**
- tropopause**
- troposphere**
- tropospheric** radiation
- tropospheric** scattering
- tropospheric** waves
- Fischer- **Tropsch** process
- trotyl** compounds
- troubleshooting**  
*use* maintenance
- troughs**
- trucks**
- tank **trucks**
- truncation** errors
- truncation** (mathematics)  
*use* approximation
- trunks** (lines)  
*use* transmission lines
- trunnions**  
*use* shafts (machine elements)
- Integrated **Truss** Structure P1
- Integrated **Truss** Structure S1
- Z1 **truss** structure  
*use* Integrated Truss Structure Z1
- Integrated **Truss** Structure Z1
- trusses**
- ground **truth**
- sea **truth**
- trypanosome**
- trypsin**
- tryptamines**
- tryptophan**
- TS-11** aircraft
- Polish **TS-11** aircraft  
*use* TS-11 aircraft
- TSR-2** aircraft
- BAC **TSR** 2 aircraft  
*use* TSR-2 aircraft
- tsunami** waves
- TTL** integrated circuits
- TU-104** aircraft
- TU-124** aircraft
- TU-134** aircraft
- TU-144** aircraft
- TU-154** aircraft
- TU-204** aircraft
- ramjet-in- **tube** accelerators
- tube** anodes
- tube** cathodes
- fly by **tube** control
- tube** grids
- tube** heat exchangers
- tube** lasers
- vacuum **tube** oscillators
- tuberculosis**
- tubes**
- backward wave **tubes**
- Bourdon **tubes**
- bronchial **tubes**  
*use* bronchi
- camera **tubes**
- capillary **tubes**
- cathode ray **tubes**
- circular **tubes**
- cold cathode **tubes**
- discharge **tubes**  
*use* gas discharge tubes
- drop **tubes**  
*use* drop towers
- electron **tubes**
- eustachian **tubes**
- flash **tubes**  
*use* flash lamps
- gas **tubes**
- gas discharge **tubes**
- Geiger-Mueller **tubes**  
*use* Geiger counters
- Hartmann-Sprenger **tubes**
- helix **tubes**  
*use* traveling wave tubes
- Hilsch **tubes**
- image **tubes**
- image dissector **tubes**
- intensifier **tubes**  
*use* image intensifiers
- magnetic annular shock **tubes**
- MAST shock **tubes**  
*use* magnetic annular shock tubes
- microwave **tubes**
- photomultiplier **tubes**
- picture **tubes**
- pipes **(tubes)**
- pitot **tubes**
- Preston **tubes**  
*use* pitot tubes  
 speed indicators
- shock **tubes**
- traveling wave **tubes**

- U **tubes**  
*use* manometers
- vacuum **tubes**
- Venturi **tubes**
- vortex **tubes**  
*use* Hilsch tubes  
 vortices
- x ray **tubes**  
**tubing**  
*use* pipes (tubes)  
**tubular** fullerenes  
*use* carbon nanotubes
- space **tugs**  
**Tully-Fisher** relation  
**tumbling** motion  
**tumor** suppressor genes  
**tumor** suppressor proteins  
**tumors**  
**tunable** filters  
**tunable** lasers  
**tundra**  
**tuners**
- waveguide **tuners**  
**tungstates**
- calcium **tungstates**
- lead **tungstates**
- zinc **tungstates**  
**tungsten**  
**tungsten** alloys  
 gas **tungsten** arc welding  
**tungsten** carbides  
**tungsten** chlorides  
**tungsten** compounds  
**tungsten** fluorides  
**tungsten** halides  
**tungsten** inert gas welding  
*use* gas tungsten arc welding  
**tungsten** isotopes  
**tungsten** oxides  
**Tungusk** meteorite  
**Tunguska** event  
*use* Tungusk meteorite  
**tuning**
- Schuler **tuning**  
**tuning** fork gyroscopes  
**Tunisia**
- wind **tunnel** apparatus
- wind **tunnel** balances  
*use* weight indicators  
 wind tunnel apparatus
- wind **tunnel** calibration  
**tunnel** cathodes  
**tunnel** diodes
- wind **tunnel** drives  
**tunnel** junctions
- wind **tunnel** models
- wind **tunnel** nozzles  
**tunnel** resistors  
*use* electron tunneling  
 resistors
- wind **tunnel** stability tests
- water **tunnel** tests
- wind **tunnel** tests
- wind **tunnel** walls  
**tunneling**
- electron **tunneling**
- Josephson **tunneling**  
*use* Josephson effect
- resonant **tunneling**
- resonant **tunneling** diodes  
**tunneling** (excavation)
- scanning **tunneling** microscopy  
**tunnels**
- blowdown wind **tunnels**
- cascade wind **tunnels**
- combustion wind **tunnels**
- cryogenic wind **tunnels**
- hotshot wind **tunnels**
- hydraulic test **tunnels**
- hydrodynamic **tunnels**  
*use* plasma jet wind tunnels
- hypersonic wind **tunnels**
- hypervelocity wind **tunnels**
- low density wind **tunnels**
- low speed wind **tunnels**
- plasma jet wind **tunnels**
- rectangular wind **tunnels**  
 shock **tunnels**  
 slotted wind **tunnels**  
 subsonic wind **tunnels**  
 supersonic wind **tunnels**  
 transfer **tunnels**  
 transonic wind **tunnels**  
 trisonic wind **tunnels**  
 water **tunnels**  
*use* hydraulic test tunnels
- wind **tunnels**  
**Tupolev** aircraft  
**turbidity**  
**turbine** blades  
**turbine** engines  
 gas **turbine** engines  
**turbine** exhaust nozzles  
**turbine** instruments  
**turbine** pumps  
**turbine** wheels  
**turbines**  
 axial flow **turbines**  
 gas **turbines**  
 shrouded **turbines**  
 steam **turbines**  
 supersonic **turbines**  
 transonic **turbines**  
*use* supersonic turbines
- two stage **turbines**  
 wind **turbines**  
**Turbo-Skyvan** aircraft  
*use* SC-7 aircraft  
**turbochargers**  
*use* superchargers  
 turbocompressors  
**turbocompressors**  
**turboconverters**  
*use* turbogenerators  
**turboelectric** conversion  
*use* turbogenerators
- ASTEC solar **turboelectric** generator  
**turbofan** aircraft  
**turbofan** engines  
**turbofans**  
**turbogenerators**  
**turbojet** aircraft  
*use* jet aircraft  
**turbojet** engine control
- YJ73 **turbojet** engine  
*use* J-73 engine  
**turbojet** engines  
**turbomachine** blades  
**turbomachinery**  
 mistuning (turbomachinery)  
 rotor blades (turbomachinery)  
**turbopause**  
**turboprop** aircraft  
**turboprop** engines  
 Dart **turboprop** engines  
*use* turboprop engines  
**turbopumps**  
*use* turbine pumps  
**turboramjet** engines  
**turborocket** engines  
**turborotors**  
*use* turbine wheels  
**turboshfts**  
**turbulence**  
 atmospheric **turbulence**  
 clear air **turbulence**  
 homogeneous **turbulence**  
 isotropic **turbulence**

- Langmuir **turbulence**  
 low **turbulence**  
 low level **turbulence**  
 magnetohydrodynamic **turbulence**  
 plasma **turbulence**  
**turbulence** effects  
**turbulence** meters  
 hot-wire **turbulence** meters  
*use* hot-wire flowmeters  
       turbulence meters
- Baldwin-Lomax **turbulence** model  
 kappa-epsilon **turbulence** model  
*use* k-epsilon turbulence model  
 kappa-omega **turbulence** model  
*use* k-omega turbulence model  
 k-epsilon **turbulence** model  
 k-omega **turbulence** model  
**turbulence** models  
**turbulent** boundary layer  
**turbulent** combustion  
**turbulent** diffusion  
**turbulent** flames  
**turbulent** flow  
**turbulent** heat transfer  
**turbulent** jets  
**turbulent** mixing  
**turbulent** wakes  
**Turing** machines  
**Turkey**  
**turkeys**  
**Turkish** space program  
**Turkmenistan**  
**turnaround** (STS)  
**turning** flight  
 minor circle **turning** flight  
**turnstile** antennas  
**turpentine**  
**turret**  
**turret** lathes  
 Los Alamos **Turret** Reactor  
*use* high temperature nuclear  
       reactors
- gun **turrets**  
**turtles**  
**Tutor** aircraft  
*use* CL-41 aircraft  
**TVC** (control)  
*use* thrust vector control  
**TVD** schemes  
**twenty-four** hour orbits  
**twenty-seven** day variation  
**twilight** glow  
 Advanced Technology Light **Twin** aircraft  
*use* ATLIT project
- Small Water Plane Area **Twin** Hull  
*use* SWATH (ship)
- mechanical **twinning**  
**twisted** wings  
**twisting**  
**twitching**  
**two** body orbits  
*use* two body problem  
**two** body problem  
**two** dimensional bodies  
**two** dimensional boundary layer  
**two** dimensional flow  
**two** dimensional jets  
**two** dimensional models  
**two** fluid models  
**two** phase flow  
**two** phase systems  
*use* binary systems (materials)  
**two** photon coherent states  
*use* squeezed states (quantum  
       theory)  
**two** reflector antennas  
**two** stage plasma engines  
**two** stage turbines
- Houston **two-wavelength** lasers  
 (TX)  
 Lake Texoma (OK-  
 TX)  
**TX-77** engine  
**TX-354** engine  
**TX-33-39** engine  
*use* XM-33 engine  
**Tycho** crater  
**type** 2 bursts  
**type** 3 bursts  
**type** 4 bursts  
**type** 5 bursts  
 Dicke **type** radiometers  
*use* Dicke radiometers
- Livermore Pool **Type** Reactor  
 n-**type** semiconductors  
 p-**type** semiconductors  
**typewriters**  
 automatic **typewriters**  
**typhoid**  
**Typhon** weapon system  
**typhoons**  
**typhus**  
**tyrosine**
- ## U
- Lockheed **U-2** aircraft  
**U-2** aircraft  
*use* U-2 aircraft  
**U-10** aircraft  
**U** bends  
**U** spin space  
 Mann-Whitney-Wilcoxon **U** test  
**U** tubes  
*use* manometers  
**U.S.S.R.**  
 Caucasus Mountains **(U.S.S.R.)**  
**U.S.S.R.** space program  
 Upper Atmosphere Research Satellite **(UARS)**  
**UARS** (satellite)  
*use* Upper Atmosphere Research  
       Satellite (UARS)
- UAS**  
*use* unmanned aircraft systems  
**UBV** spectra  
**Udimet** alloys  
**UFO**  
*use* unidentified flying objects  
**Uganda**  
**UGV** (vehicles)  
*use* unmanned ground vehicles  
**UH-1** helicopter  
**UH-2** helicopter  
 Kaman **UH-2A** helicopter  
*use* UH-2 helicopter  
**UH-12** helicopter  
*use* OH-23 helicopter  
**UH-13** helicopter  
*use* OH-13 helicopter  
**UH-34** helicopter  
**UH-60A** helicopter  
**UH-61A** helicopter  
 Ornstein-**Uhlenbeck** process  
**UHTREX** (nuclear reactors)  
*use* high temperature nuclear  
       reactors  
**Uhuru** satellite  
**UK** 4 satellite  
**UK** satellites  
**UK** space program  
**Ukraine**  
**Ukrainian** space program  
**ulcers**  
**ullage**  
**ullage** rocket engines  
**ULM** (light modulation)  
*use* ultrasonic light modulation

- ulna**
- ultra** short wave radio equipment
  - use* very high frequency radio equipment
- ultracapacitors**
  - use* electrochemical capacitors
- ultrahigh** frequencies
- ultrahigh** vacuum
- ultralight** aircraft
- ultralow** frequencies
  - use* extremely low frequencies
- ultralow** temperature
  - use* cryogenic temperature
- ultrapure** metals
- ultrashort** pulsed lasers
- ultrasonic** agitation
- ultrasonic** cleaning
- ultrasonic** densimeters
- ultrasonic** flaw detection
- ultrasonic** grinding machines
  - use* ultrasonic machining
- ultrasonic** light modulation
- ultrasonic** machining
- ultrasonic** processing
- ultrasonic** radiation
- ultrasonic** scanners
- ultrasonic** soldering
- ultrasonic** spectroscopy
- ultrasonic** tests
- ultrasonic** treatment
  - use* ultrasonic processing
- ultrasonic** wave transducers
- ultrasonic** waves
  - use* ultrasonic radiation
- ultrasonic** welding
- ultrasonics**
- ultraviolet** absorption
- ultraviolet** astronomy
- Magellan **ultraviolet** astronomy satellite
- ultraviolet** detectors
- ultraviolet** emission
- International **Ultraviolet** Explorer
  - use* IUE
- Extreme **Ultraviolet** Explorer satellite
- ultraviolet** filters
- ultraviolet** imagery
- ultraviolet** lasers
- ultraviolet** light
  - use* ultraviolet radiation
- ultraviolet** lithography
  - use* lithography
- ultraviolet** microscopy
- ultraviolet** photography
- ultraviolet** photometry
- ultraviolet** radiation
- extreme **ultraviolet** radiation
- far **ultraviolet** radiation
- near **ultraviolet** radiation
- vacuum **ultraviolet** radiation
  - use* far ultraviolet radiation
- ultraviolet** reflection
- ultraviolet** spectra
- ultraviolet** spectrographs
  - use* ultraviolet spectrometers
- ultraviolet** spectrometers
- ultraviolet** spectrophotometers
- ultraviolet** spectroscopy
- ultraviolet** telescopes
- Ulysses** mission
- umbilical** connectors
- umbilical** towers
- umbras**
- Umbriel**
- Umkehr** effect
- Umlapp** process
- uncambered** wings
- uncertain** systems
- unconsciousness**
- uncontrolled** reentry (spacecraft)
- uncoupled** modes
- undamped** oscillations
- under** surface blowing
- undercarriages**
- undercooling**
  - use* supercooling
- underground** acoustics
- underground** communication
- underground** explosions
- underground** radio antenna grid (navy)
  - use* Seafarer project
- underground** storage
- underground** structures
- underground** transmission lines
- diving **(underwater)**
- underwater** acoustics
- underwater** breathing apparatus
- underwater** communication
- underwater** engineering
- underwater** explosions
- underwater** optics
- underwater** photography
- underwater** physiology
- underwater** propulsion
- underwater** research laboratories
- underwater** resources
- underwater** sound
  - use* underwater acoustics
- underwater** structures
- underwater** tests
- underwater** to surface missiles
- underwater** trajectories
- underwater** vehicles
- spinning **unguided** rocket trajectory
- uniaxial** strain
  - use* axial strain
- diatoms **(unicellular plants)**
  - use* algae
- unidentified** flying objects
- unified** field theory
- unified** S band
- grand **unified** theory
- uniform** flow
- unimolecular** structures
- European **Union**
- Soviet **Union**
  - use* U.S.S.R.
- unionization**
- unions**
- unions** (connectors)
- uniphase** flow
  - use* single-phase flow
- unipolar** transistors
  - use* field effect transistors
- uniqueness**
- uniqueness** theorem
- Advanced Microwave Sounding **Unit**
- flux (rate per **unit** area)
  - use* flux density
- space power **unit** reactors
- United** Arab Emirates
- United** Kingdom
- United** Kingdom satellites
  - use* UK satellites
- United** Nations
- United** States
- armed forces **(United States)**
- USA **(United States)**
  - use* United States
- agrophysical **units**
- arithmetic and logic **units**
- bays (structural **units**)
- central processing **units**
- chemical auxiliary power **units**
- extravehicular mobility **units**
- inertial measuring **units**
  - use* inertial platforms
- International System of **Units**

- logic **units**  
*use* arithmetic and logic units
- manned maneuvering **units**  
nuclear auxiliary power **units**  
self maneuvering **units**  
SMU (maneuvering) **units**  
*use* self maneuvering units
- solar auxiliary power **units**  
space self maneuvering **units**  
*use* self maneuvering units
- control **units** (computers)  
**units** of measurement  
**unity**  
**Unity** connecting module  
**Univac** 80 computer  
**Univac** 418 computer  
**Univac** 490 computer  
**Univac** 494 computer  
**Univac** 1100 series computers  
**Univac** 1105 computer  
**Univac** 1106 computer  
**Univac** 1107 computer  
**Univac** 1108 computer  
**Univac** 1110 computer  
**Univac** 1230 computer  
**Univac** computers  
**Univac** Larc computer
- Automatic **Universal** Orbiting Stations  
**universal** time  
**universe**
- large-scale structure of the **universe**  
**universities**  
**university** program  
**UNIX** (operating system)  
**unloading**
- hindlimb **unloading**  
*use* hindlimb suspension  
**unloading** waves
- SKYLAB space station **(unmanned)**  
*use* Skylab 1
- Darkstar **unmanned** aerial vehicle  
*use* pilotless aircraft  
reconnaissance aircraft  
**unmanned** aerial vehicles  
*use* pilotless aircraft  
**unmanned** aircraft systems  
**unmanned** ground vehicles  
**unmanned** spacecraft  
**unsaturation** (chemistry)  
**unsteady** aerodynamics  
**unsteady** flow  
**unsteady** state  
**unstructured** grids (mathematics)  
**unswept** wings
- latch-**up**  
lay-**up**  
**up**-converters
- head-**up** displays  
head **up** tilt  
**updrafts**  
*use* vertical air currents  
**upgrading**  
**uplinking**  
**upper** air  
*use* upper atmosphere  
**upper** atmosphere  
**Upper** Atmosphere Research Satellite  
(UARS)  
**upper** ionosphere
- Space Shuttle **upper** stage A  
Ares 1 **upper** stage  
Space Shuttle **upper** stage D  
Inertial **Upper** Stage  
**upper** stage rocket engines
- spinning solid **upper** stage  
interim **upper** stage (STS)  
*use* Inertial Upper Stage
- Space Shuttle **upper** stages  
**upper** surface blowing
- upper** surface blown flaps  
**Upper** Volta  
*use* Burkina
- single event **upsets**  
**upsetting**  
**upstream**  
**upwash**  
**upwelling**  
*use* upwelling water  
**upwelling** water  
**upwind** schemes (mathematics)
- uracil**  
**uranium**  
**uranium** 232  
**uranium** 233  
**uranium** 234  
**uranium** 235  
**uranium** 238  
**uranium** alloys  
**uranium** carbides  
**uranium** compounds  
**uranium** fluorides  
**uranium** isotopes  
**uranium** oxides  
**uranium** plasmas  
**Uranus** atmosphere
- Mariner Jupiter-**Uranus** flyby  
**Uranus** (planet)  
**Uranus** rings  
**Uranus** satellites  
**urban** areas  
*use* cities  
**urban** development  
**urban** planning  
**urban** research  
**urban** transportation
- sea **urchins**  
**ureas**  
**ureilites**  
**urethanes**  
**uric** acid  
**uridylic** acid  
**urinalysis**  
**urination**  
**urine**  
**urography**  
**urolithiasis**  
**urology**  
**Uruguay**
- Ruanda-**Urundi**  
*use* Burundi  
Rwanda
- Aleutian Islands **(US)**  
Allegheny Plateau **(US)**  
Central Atlantic Region **(US)**  
Central Piedmont **(US)**  
Chesapeake Bay **(US)**  
Colorado Plateau **(US)**  
Delaware Bay **(US)**  
Delaware River Basin **(US)**  
Great Basin **(US)**  
Mississippi River **(US)**  
Missouri River **(US)**  
Missouri River Basin **(US)**  
New England **(US)**  
Ohio River **(US)**  
Pacific Northwest **(US)**
- US-2A** aircraft  
*use* S-2 aircraft  
**US** Laboratory Module (ISS)  
*use* Destiny Laboratory Module  
**USA** (United States)  
*use* United States
- maximum **usable** frequency  
health and **usage** monitoring systems  
*use* systems health monitoring
- land **use**  
rural land **use**

- user**-computer interface
    - use* human-computer interface
  - graphical **user** interface
  - user** manuals (computer programs)
  - user** requirements
  - USNS** Kingsport
    - use* satellite communications ships
  - Great Salt Lake **(UT)**
  - Utah**
  - uterus**
  - utilities**
  - utility** aircraft
  - Modular Integrated **Utility** System
  - utilization**
    - coal **utilization**
    - geothermal energy **utilization**
    - in situ resource **utilization**
    - indigenous space materials **utilization**
      - use* in situ resource utilization
    - ISMU (resource **utilization**)
      - use* in situ resource utilization
    - ISRU (resource **utilization**)
      - use* in situ resource utilization
    - orbit spectrum **utilization**
    - technology **utilization**
    - waste **utilization**
    - waste energy **utilization**
    - windpower **utilization**
    - hardware **utilization** lists
  - National Airspace **Utilization** System
  - utricle**
  - UV** Ceti stars
    - use* flare stars
  - UV** lasers
    - use* ultraviolet lasers
  - Spacelab **UV**-Optical Telescope Facility
    - use* Starlab
  - Solar Backscatter **UV** Spectrometer
  - Far **UV** Spectroscopic Explorer
  - Uzbekistan**
- ## V
- V-1** missile
  - V-2** missile
  - V-3** aircraft
    - use* XV-3 aircraft
  - V-4** aircraft
    - use* XV-4 aircraft
  - V-5** aircraft
    - use* XV-5 aircraft
  - V-9** aircraft
    - use* XV-9A aircraft
  - V-22** aircraft
  - V** band
    - use* extremely high frequencies
  - V** grooves
  - space plasma H/ **V** interaction experiments
    - use* SPHINX
  - V** /STOL aircraft
  - Assateague Island (MD- **VA**)
  - Delmarva Peninsula (DE-MD- **VA**)
  - Shenandoah Valley **(VA)**
  - Potomac River Valley (MD- **VA-WV**)
  - vacancies** (crystal defects)
  - vaccines**
  - vacillation**
  - vacuum**
    - evacuating **(vacuum)**
    - high **vacuum**
    - low **vacuum**
    - ultrahigh **vacuum**
    - vacuum** apparatus
    - vacuum** arc switches
    - vacuum** chambers
    - vacuum** deposition
    - vacuum** effects
    - vacuum** furnaces
  - vacuum** gages
  - vacuum** melting
  - High **Vacuum** Orbital Simulator
  - vacuum** pumps
  - vacuum** spectroscopy
  - vacuum** systems
  - vacuum** tests
  - thermal **vacuum** tests
    - vacuum** tube oscillators
    - vacuum** tubes
    - vacuum** ultraviolet radiation
      - use* far ultraviolet radiation
  - vadose** water
  - Brunt- **Vaisala** frequency
  - valence**
  - valeric** acid
  - Valiant** aircraft
  - Vickers **Valiant** aircraft
    - use* Valiant aircraft
  - validation**
    - use* proving
  - validity**
  - Valkyrie** aircraft
    - use* B-70 aircraft
  - Tennessee **Valley** (AL-KY-TN)
  - Coachella **Valley** (CA)
  - Death **Valley** (CA)
  - Imperial **Valley** (CA)
  - Palo Verde **Valley** (CA)
  - Sacramento **Valley** (CA)
  - San Joaquin **Valley** (CA)
  - Magdalena-Cauca **Valley** (Colombia)
  - Potomac River **Valley** (MD-VA-WV)
  - St Lawrence **Valley** (North America)
  - Shenandoah **Valley** (VA)
  - valleys**
  - rift **valleys**
    - use* valleys
  - Valsalva** exercise
  - Valsalva** maneuver
    - use* Valsalva exercise
  - value**
    - value** engineering
  - boundary **value** problems
  - initial **value** problems
    - use* boundary value problems
  - extremum **values**
  - mean square **values**
  - nominal **values**
    - use* approximation
  - Q** **values** (nuclear physics)
  - valves**
    - artificial heart **valves**
    - automatic control **valves**
    - butterfly **valves**
    - control **valves**
    - dampers **(valves)**
    - fuel **valves**
    - gas **valves**
    - heart **valves**
    - hydraulic **valves**
      - use* hydraulic equipment
      - valves
    - light **valves**
    - relief **valves**
    - solenoid **valves**
    - Vampire** aircraft
      - use* DH 115 aircraft
    - Vampire** MK 35 aircraft
    - Van** Allen radiation belts
      - use* radiation belts
    - Van** Biesbroeck star
    - Van** de Graaff accelerators
    - Van** der Waals forces
    - Van** Slyke method
  - calcium **vanadates**
  - vanadium**
  - vanadium** alloys

- vanadium** carbides  
**vanadium** compounds  
**vanadium** isotopes  
**vanadium** oxides  
**vanadyl** compounds  
**vanadyl** radical  
**vaneless** diffusers  
**vanes**  
guide **vanes**  
jet **vanes**  
tip **vanes**  
wind **vanes**  
**Vanguard** 1 satellite  
**vanguard** 2 launch vehicle  
**Vanguard** 2 satellite  
**Vanguard** 3 satellite  
**Vanguard** project  
**Vanguard** satellites  
**vans**  
*use* trucks  
cesium **vapor**  
mercury **vapor**  
sodium **vapor**  
water **vapor**  
**vapor** barrier clothing  
**vapor** deposition  
chemical **vapor** deposition  
*use* vapor deposition  
metal organic chemical **vapor** deposition  
*use* metalorganic chemical vapor  
deposition  
metalorganic chemical **vapor** deposition  
MOCVD (**vapor** deposition)  
*use* metalorganic chemical vapor  
deposition  
OMCVD (**vapor** deposition)  
*use* metalorganic chemical vapor  
deposition  
organometallic **vapor** deposition  
*use* metalorganic chemical vapor  
deposition  
liquid- **vapor** equilibrium  
**vapor** generators  
*use* vaporizers  
cavity **vapor** generators  
chemical **vapor** infiltration  
liquid- **vapor** interfaces  
**vapor** jets  
alkali **vapor** lamps  
metal **vapor** lasers  
**vapor** liquid equilibrium  
*use* liquid-vapor equilibrium  
**vapor** phase epitaxy  
**vapor** phase lubrication  
**vapor** phases  
**vapor** pressure  
**vapor** trails  
*use* contrails  
**vapor** traps  
heat of **vaporization**  
**vaporization** heat  
*use* heat of vaporization  
**vaporizers**  
**vaporizing**  
flashing (**vaporizing**)  
**vapors**  
metal **vapors**  
**varactor** diode circuits  
**varactor** diodes  
**varactors**  
*use* varactor diodes  
**variability**  
**variable**  
**variable** amplitude loading  
**variable** area wings  
*use* trailing edge flaps  
**variable** cycle engines  
**variable** geometry structures  
**variable** lift  
*use* lift  
**variable** mass systems  
**variable** pitch propellers  
**Variable** Specific Impulse  
Magnetoplasma Rocket  
*use* VASIMR (propulsion system)  
**variable** stars  
irregular **variable** stars  
semiregular **variable** stars  
**variable** stream control engines  
**variable** sweep wings  
**variable** thrust  
cataclysmic **variables**  
cepheid **variables**  
complex **variables**  
dependent **variables**  
independent **variables**  
integration (real **variables**)  
*use* measure and integration  
long period **variables**  
*use* Mira variables  
Mira **variables**  
random **variables**  
real **variables**  
**variance**  
analysis of **variance**  
minimum **variance** orbit determination  
**variance** (statistics)  
twenty-seven day **variation**  
total **variation** diminishing schemes  
*use* TVD schemes  
voltage **variation** indicators  
*use* voltmeters  
**variation** method  
*use* calculus of variations  
cluster **variation** method  
**variational** principles  
Castigliano **variational** theorem  
**variations**  
annual **variations**  
calculus of **variations**  
diurnal **variations**  
interannual **variations**  
*use* annual variations  
intraseasonal **variations**  
magnetic **variations**  
nocturnal **variations**  
periodic **variations**  
seasonal **variations**  
*use* annual variations  
secular **variations**  
wind **variations**  
**variometers**  
**varistors**  
**varnishes**  
linear parameter- **varying** control  
cerebral **vascular** accidents  
**vascular** system  
*use* cardiovascular system  
**VASIMR** (propulsion system)  
**vasoconstriction**  
**vasoconstrictor** drugs  
**vasodilation**  
**vasodilator** agents  
**vasomotor** nervous system  
*use* nervous system  
**vasopressins**  
**Vatican** City  
**VATOL** aircraft  
**VAX-11** series computers  
**VAX-11/780** computer  
**VAX** computers  
**VC-10** aircraft  
Vickers **VC-10** aircraft  
*use* VC-10 aircraft  
**VCE**  
*use* variable cycle engines

- VCO**  
*use* voltage controlled oscillators
- vector** analysis  
**vector** calculus  
*use* vector spaces
- Stokes theorem **(vector** calculus)  
**vector** control  
*use* directional control
- thrust **vector** control  
**vector** currents  
**vector** dominance model  
**vector** mesons  
**vector** processing (computers)  
**vector** quantization
- force **vector** recorders  
**vector** spaces
- flux **vector** splitting  
**vectorcardiography**  
**(vectors)**
- curl **(vectors)**  
state **vectors**  
**vectors** (mathematics)  
**Vega** launch vehicle  
**Vega** project  
**Vega** rocket vehicle  
*use* Vega launch vehicle
- Vegard-Kaplan** bands  
**vegetables**  
**vegetation**  
**(vegetation)**  
diseased **vegetation**  
*use* plant diseases  
**vegetation** growth
- normalized difference **vegetation** index  
**vegetative** index
- Integ Program for Aerospace **Veh** Design  
*use* IPAD
- Ablestar launch **vehicle**  
Aerobee rocket **vehicle**  
Agena A rocket **vehicle**  
Agena B rocket **vehicle**  
Agena C rocket **vehicle**  
Agena D rocket **vehicle**  
Antares rocket **vehicle**  
Apache rocket **vehicle**  
Arcon rocket **vehicle**  
Ares 1 launch **vehicle**  
Ares 5 cargo launch **vehicle**  
Ariane 4 launch **vehicle**  
Ariane 5 launch **vehicle**  
Ariane launch **vehicle**  
Assured Crew Return **Vehicle**  
Astro **vehicle**  
Astrobee 1500 rocket **vehicle**  
Athena rocket **vehicle**  
Atlas Able 5 launch **vehicle**  
Atlas Agena B launch **vehicle**  
Atlas Centaur launch **vehicle**  
Atlas SLV-3 launch **vehicle**  
Automated Transfer **Vehicle**  
Berenice rocket **vehicle**  
Black Arrow launch **vehicle**  
*use* Black Knight rocket vehicle
- Black Knight rocket **vehicle**  
Blue Scout rocket **vehicle**  
Blue Streak launch **vehicle**  
Cajun rocket **vehicle**  
Centaur **vehicle**  
*use* Centaur launch vehicle
- Centaur launch **vehicle**  
Crew Exploration **Vehicle**  
Darkstar unmanned aerial **vehicle**  
*use* pilotless aircraft  
reconnaissance aircraft
- Delta 3 launch **vehicle**  
Delta 4 Heavy launch **vehicle**  
Delta 4 launch **vehicle**  
Delta launch **vehicle**  
Diamant launch **vehicle**  
Dornier paraglider rocket **vehicle**
- Eldo launch **vehicle**  
Energiya launch **vehicle**  
Europa 1 launch **vehicle**  
Europa 2 launch **vehicle**  
Europa 3 launch **vehicle**  
Europa 4 launch **vehicle**  
FDL-5 reentry **vehicle**  
FFAR rocket **vehicle**  
*use* Folding Fin aircraft rocket vehicle
- Folding Fin aircraft rocket **vehicle**  
Genie rocket **vehicle**  
HL-10 reentry **vehicle**  
HLD-35 reentry **vehicle**  
Honest John rocket **vehicle**  
HOTOL launch **vehicle**  
Hyla-Star rocket **vehicle**  
Jabiru rocket **vehicle**  
*use* Jaguar rocket vehicle
- Jaguar rocket **vehicle**  
Javelin rocket **vehicle**  
Juno 1 launch **vehicle**  
Juno 2 launch **vehicle**  
Jupiter C rocket **vehicle**  
Kappa 8 rocket **vehicle**  
Kappa 9 rocket **vehicle**  
Little Joe 2 launch **vehicle**  
Little John rocket **vehicle**  
Loki rocket **vehicle**  
LRV **(vehicle)**  
*use* lunar roving vehicles
- MB-1 rocket **vehicle**  
*use* Genie rocket vehicle
- Meteor 1 rocket **vehicle**  
Nike-Apache rocket **vehicle**  
Nike-Cajun rocket **vehicle**  
Nike-Hydac rocket **vehicle**  
Nike-Iroquois rocket **vehicle**  
Nike-Javelin rocket **vehicle**  
Nike-Tomahawk rocket **vehicle**  
Nomad launch **vehicle**  
Orion crew **vehicle**  
*use* Crew Exploration Vehicle
- Proton launch **vehicle**  
RAM B launch **vehicle**  
Rubis rocket **vehicle**  
Saturn 1 SA-1 launch **vehicle**  
Saturn 1 SA-10 launch **vehicle**  
Saturn 1 SA-2 launch **vehicle**  
Saturn 1 SA-3 launch **vehicle**  
Saturn 1 SA-4 launch **vehicle**  
Saturn 1 SA-5 launch **vehicle**  
Saturn 1 SA-6 launch **vehicle**  
Saturn 1 SA-7 launch **vehicle**  
Saturn 1 SA-8 launch **vehicle**  
Saturn 1 SA-9 launch **vehicle**  
Saturn D launch **vehicle**  
Scout launch **vehicle**  
Skylark rocket **vehicle**  
Thor Able rocket **vehicle**  
Thor Agena launch **vehicle**  
Thor Delta launch **vehicle**  
Titan 3 launch **vehicle**  
Titan 4 launch **vehicle**  
Titan 4B launch **vehicle**  
Titan Centaur launch **vehicle**  
Trailblazer 1 reentry **vehicle**  
Trailblazer 1 rocket **vehicle**  
*use* Trailblazer 1 reentry vehicle
- Trailblazer 2 reentry **vehicle**  
Trailblazer 2 rocket **vehicle**  
*use* Trailblazer 2 reentry vehicle
- vanguard 2 launch **vehicle**  
Vega launch **vehicle**  
Vega rocket **vehicle**  
*use* Vega launch vehicle
- VentureStar launch **vehicle**  
Venus fly trap rocket **vehicle**  
Viking 1975 entry **vehicle**  
Viking rocket **vehicle**

- X-17 reentry **vehicle**
- X-30 **vehicle**
- X-33 reusable launch **vehicle**
- X-34 reusable launch **vehicle**
- X-37 **vehicle**
- X-38 crew return **vehicle**
- X-40A **vehicle**
- X-43 **vehicle**
- Zuni rocket **vehicle**
- standard launch **vehicle** 3
  - use* Atlas SLV-3 launch vehicle
- Standard Launch **Vehicle** 5
  - space **vehicle** checkout program
  - launch **vehicle** configurations
  - space **vehicle** control
    - use* spacecraft control
- National Launch **Vehicle** Program
- Terminal Configured **Vehicle** Program
  - vehicle** wheels
  - vehicles**
- aerodynamic **vehicles**
  - use* aircraft
- aeroquatic **vehicles**
- aerospace **vehicles**
- Agena rocket **vehicles**
- air cushion **vehicles**
  - use* ground effect machines
- amphibious **vehicles**
- Arcas rocket **vehicles**
- Argo rocket **vehicles**
- Astrobee rocket **vehicles**
- Atlas Agena launch **vehicles**
- Atlas launch **vehicles**
- automated guideway transit **vehicles**
- automated mixed traffic **vehicles**
- automated transit **vehicles**
  - ballistic **vehicles**
  - boostglide **vehicles**
- captured air bubble **vehicles**
- control configured **vehicles**
  - drone **vehicles**
  - electric hybrid **vehicles**
  - electric motor **vehicles**
- Europa launch **vehicles**
- extraterrestrial roving **vehicles**
  - use* roving vehicles
- flight **vehicles**
- flight test **vehicles**
- heavy lift launch **vehicles**
- hovering rocket **vehicles**
- hydroplanes **(vehicles)**
- hypersonic **vehicles**
- intraorbit transfer **vehicles**
- Juno launch **vehicles**
- Kappa rocket **vehicles**
- Lambda rocket **vehicles**
  - launch **vehicles**
- lifting reentry **vehicles**
- Long March launch **vehicles**
- low observable reentry **vehicles**
  - lunar flying **vehicles**
  - lunar roving **vehicles**
  - lunar surface **vehicles**
- Lunokhod lunar roving **vehicles**
- magnetic levitation **vehicles**
- manned lunar surface **vehicles**
  - Mars roving **vehicles**
- Marsokhod Mars roving **vehicles**
  - military **vehicles**
  - motor **vehicles**
  - multiengine **vehicles**
- multistage rocket **vehicles**
- Nike rocket **vehicles**
  - nonlifting **vehicles**
    - use* ballistic vehicles
- Nova launch **vehicles**
- nuclear engine for rocket **vehicles**
- orbit transfer **vehicles**
- orbital maneuvering **vehicles**
- planetary aerial **vehicles**
- Ranger lunar landing **vehicles**
- recoverable launch **vehicles**
  - recovery **vehicles**
  - reentry **vehicles**
  - remotely piloted **vehicles**
  - research **vehicles**
  - reusable launch **vehicles**
  - roadway powered **vehicles**
  - rocket **vehicles**
  - rotating **vehicles**
    - use* rotating bodies
    - vehicles
  - roving **vehicles**
- Saturn 1 launch **vehicles**
- Saturn 1B launch **vehicles**
- Saturn 2 launch **vehicles**
- Saturn 5 launch **vehicles**
- Saturn launch **vehicles**
- Shuttle Derived **Vehicles**
- single stage rocket **vehicles**
- single stage to orbit **vehicles**
  - Skua rocket **vehicles**
- SLV (soft landing) **(vehicles)**
  - use* soft landing spacecraft
- space **vehicles**
  - use* spacecraft
- Standard Launch **Vehicles**
  - surface **vehicles**
- suspension systems **(vehicles)**
- tanks (combat) **vehicles**
  - test **vehicles**
- Thor launch **vehicles**
- Thorad launch **vehicles**
- Titan launch **vehicles**
  - tracked **vehicles**
- transatmospheric **vehicles**
- transport **vehicles**
- UGV **(vehicles)**
  - use* unmanned ground vehicles
- underwater **vehicles**
- unmanned aerial **vehicles**
  - use* pilotless aircraft
- unmanned ground **vehicles**
- Veronique rocket **vehicles**
- water **vehicles**
- WIG **vehicles**
  - use* wing-in-ground effect vehicles
- winged **vehicles**
- wing-in-ground effect **vehicles**
- Zenit launch **vehicles**
  - vehicular** tracks
  - veins**
  - veins** (petrology)
  - Vela** satellites
  - velardenite**
    - use* gehlenite
- laser doppler **velocimeters**
- particle image **velocimetry**
- particle image displacement **velocimetry**
  - use* particle image velocimetry
- PIDV **(velocimetry)**
  - use* particle image velocimetry
- PIV **(velocimetry)**
  - use* particle image velocimetry
- velocity**
  - acoustic **velocity**
  - angular **velocity**
  - critical **velocity**
  - escape **velocity**
  - exhaust **velocity**
  - flow **velocity**
  - group **velocity**
  - impact **velocity**
  - low **velocity**
    - use* low speed
  - orbital **velocity**
  - parabolic **velocity**
    - use* escape velocity

- phase **velocity**
- propagation **velocity**
- radial **velocity**
- relativistic **velocity**
- solar **velocity**
- solar wind **velocity**
- sound **velocity**
  - use* acoustic velocity
- terminal **velocity**
- wind **velocity**
  - velocity** coupling
  - velocity** distribution
  - velocity** errors
  - velocity** fields
    - use* velocity distribution
  - velocity** measurement
- wind **velocity** measurement
- velocity** modulation
- high **velocity** oxy-fuel spraying
  - use* HVOF thermal spraying
- high **velocity** oxygen fuel thermal spraying
  - use* HVOF thermal spraying
- velocity** profiles
  - use* velocity distribution
- image **velocity** sensors
- Saint **Venant** flexure problem
  - use* Saint Venant principle
- St **Venant** flexure problem
  - use* Saint Venant principle
- Saint **Venant** principle
- veneers**
- Venera** 2 satellite
- Venera** 3 satellite
- Venera** 4 satellite
- Venera** 5 satellite
- Venera** 6 satellite
- Venera** 7 satellite
- Venera** 8 satellite
- Venera** 9 satellite
- Venera** 10 satellite
- Venera** 11 satellite
- Venera** 12 satellite
- Venera** satellites
- Veneziano** model
- Venezuela**
- Venn** diagrams
- Venom** aircraft
  - use* DH 112 aircraft
- de Havilland **Venom** aircraft
  - use* DH 112 aircraft
- ventilation**
- ventilation** fans
- ventilators**
- venting**
- ventral** sections
- cardiac **ventricles**
- cerebral **ventricles**
- vents**
- deep-sea hydrothermal **vents**
  - use* submarine hydrothermal vents
- seafloor hydrothermal **vents**
  - use* submarine hydrothermal vents
- submarine hydrothermal **vents**
- VentureStar** launch vehicle
- Venturi** tubes
- Pioneer **Venus** 1 spacecraft
- Pioneer **Venus** 2 entry probes
- Pioneer **Venus** 2 Multiprobe spacecraft
  - use* Pioneer Venus 2 spacecraft
- Pioneer **Venus** 2 night probe
- Pioneer **Venus** 2 sounder probe
- Pioneer **Venus** 2 spacecraft
- Pioneer **Venus** 2 transporter bus
- Mariner **Venus** 67 spacecraft
- Venus** atmosphere
- Venus** clouds
- Venus** fly trap rocket vehicle
- Mariner **Venus-Mercury** 1973
- Pioneer **Venus** Orbiter
  - use* Pioneer Venus 1 spacecraft
- Venus** orbiting imaging radar (spacecraft)
- Venus** (planet)
- Venus** probes
- Venus** radar echoes
- Venus** Radar Mapper
  - use* Magellan spacecraft (NASA)
- Venus** Radar Mapper Project
  - use* Magellan project (NASA)
- Pioneer **Venus** spacecraft
- Venus** surface
- Earth- **Venus** trajectories
- verbal** communication
- Cape **Verde**
- Palo **Verde** Valley (CA)
- program **verification** (computers)
- verification** (proving)
  - use* proving
- vermiculite**
- Vermont**
- Verneuil** process
- Vernier** engines
- vernine**
  - use* guanosines
- Veronique** rocket vehicles
- versatility**
- vertebrae**
- vertebral** column
  - use* spine
- vertebrates**
- vertical** air currents
- vertical** attitude takeoff-landing aircraft
  - use* VATOL aircraft
- vertical** distribution
- vertical** fins
  - use* fins
- vertical** flight
- vertical** junction solar cells
- vertical** landing
- short takeoff & **vertical** landing aircraft
  - use* STOVL aircraft
- vertical** motion
- vertical** motion simulators
- vertical** orientation
- vertical** perception
- vertical** stabilizers
  - use* stabilizers (fluid dynamics)
- vertical** tails
  - use* stabilizers (fluid dynamics)
- tail assemblies
- vertical** takeoff
- vertical** takeoff aircraft
- vertical** takeoff and landing
  - use* vertical landing
- vertical takeoff
- vertices**
  - use* apexes
- vertigo**
- Vertikal** rockets
- Vertol** military helicopters
  - use* Boeing aircraft
- very** high frequencies
- very** high frequency radio equipment
- Advanced **Very** High Resolution Radiometer
- very** high speed integrated circuits
  - use* VHSIC (circuits)
- Very** Large Array (VLA)
- very** large scale integration
- very** large transport aircraft
- very** long base interferometry
- Very** Long Baseline Array (VLBA)
- very** low frequencies
- very** small aperture terminals
  - use* VSAT (network)
- pressure **vessel** design
- vessels**
- blood **vessels**

- pressure **vessels**
- Vesta** asteroid
- vestibular** nystagmus
- vestibular** tests
- vestibules**
- vests**
- veterinary** medicine
- VFR** (rules)  
*use* visual flight rules
- VHDL** (computers)  
*use* hardware description languages
- VHF** omnirange navigation
- VHSIC** (circuits)
- viability**
- vibration**
- bending **vibration**
- breathing **vibration**
- combustion **vibration**
- forced **vibration**
- free **vibration**
- linear **vibration**
- missile **vibration**
- mode of **vibration**  
*use* vibration mode
- random **vibration**
- resonant **vibration**
- self induced **vibration**
- structural **vibration**
- torsional **vibration**
- transverse **vibration**  
*use* transverse oscillation
- vibration** dampers  
*use* vibration isolators
- vibration** damping
- vibration** effects
- vibration** isolators
- vibration** measurement
- vibration** meters
- vibration** mode
- vibration** perception
- vibration** protection  
*use* vibration isolators
- vibration** simulators
- vibration** testing machines  
*use* vibration simulators
- vibration** tests
- vibrational** freezing
- vibrational** frequencies (molecular)  
*use* vibrational spectra
- vibrational** frequencies (structural)  
*use* resonant frequencies
- vibrational** relaxation  
*use* molecular relaxation
- vibrational** spectra
- vibrational** states
- vibrational** stress
- acoustic **vibrations**  
*use* sound waves
- lattice **vibrations**
- magnetoelastic **vibrations**  
*use* magnetoelastic waves
- vibratory** loads
- forced **vibratory** motion equations  
*use* equations  
forced vibration
- vibratory** polishing
- vibrocardiography**  
*use* phonocardiography
- vibrometers**  
*use* vibration meters
- VIC** method  
*use* vortex in cell technique
- Vickers** 1100 aircraft  
*use* VC-10 aircraft
- Vickers** hardness
- Vickers** Scimitar aircraft  
*use* Scimitar aircraft
- Vickers** Valiant aircraft  
*use* Valiant aircraft
- Vickers** VC-10 aircraft  
*use* VC-10 aircraft
- Victor** MK-1 aircraft
- compressed **video**  
*use* video compression
- video** communication
- video** compression
- video** conferencing
- video** data
- video** disks
- video** equipment
- video** landmark acquisition and tracking
- video** signals
- video** tape recorders
- video** tapes
- video** teleconferencing  
*use* video conferencing
- Advanced **Vidicon** Camera System (AVCS)
- vidicons**
- return beam **vidicons**
- Vietnam**
- North **Vietnam**  
*use* Vietnam
- Republic of **Vietnam**  
*use* Vietnam
- South **Vietnam**  
*use* Vietnam
- field of **view**
- view** effects
- Sea-viewing Wide Field-of-**view** Sensor
- viewing**
- Earth **Viewing** Applications Laboratory
- Sea-**viewing** Wide Field-of-view Sensor
- Vigilante** aircraft  
*use* A-5 aircraft
- vignetting**
- crop **vigor**
- timber **vigor**
- Viking** 1 spacecraft
- Viking** 2 spacecraft
- Viking** 1975 entry vehicle
- Viking** lander 1
- Viking** lander 2
- Viking** lander spacecraft
- Viking** Mars program
- Viking** orbiter 1
- Viking** orbiter 2
- Viking** orbiter 1975
- Viking** orbiter spacecraft
- Viking** rocket vehicle
- Viking** spacecraft
- vineyards**
- vinti** theory
- vinyl** copolymers
- vinyl** cyanide  
*use* acrylonitriles
- vinyl** ethylene  
*use* butadiene
- vinyl** polymers
- vinyl** radical
- vinylidene**
- CP **violation**
- violence**
- Bristol-Siddeley **Viper** engine
- viral** diseases
- Virgin** Islands
- Virginia**
- West **Virginia**
- Virgo** galactic cluster
- Virgo** star cluster  
*use* Virgo galactic cluster
- virial** coefficients
- virial** theorem
- virtual** memory systems
- virtual** properties
- virtual** reality
- VR (**virtual** reality)  
*use* virtual reality
- virulence**

HIV **(virus)**  
*use* human immunodeficiency virus

human immunodeficiency **virus**  
**viruses**

computer **viruses**  
**viscera**  
**viscoelastic** cylinders  
**viscoelastic** damping  
**viscoelastic** flow  
*use* viscoelasticity  
**viscoelasticity**  
**viscometers**  
**viscometry**  
**viscoplastic** flow  
*use* viscoplasticity  
**viscoplasticity**  
**viscopumps**  
**viscosity**

eddy **viscosity**

gas **viscosity**  
**Viscount** aircraft  
**viscous** damping  
**viscous** drag  
**viscous** flow  
**viscous** fluids  
**visibility**

low **visibility**  
**visible** infrared spin scan radiometer  
**visible** radiation  
*use* light (visible radiation)

light **(visible** radiation)  
**visible** spectrum  
**vision**

binocular **vision**

color **vision**

computer **vision**

enhanced **vision**

machine **vision**  
*use* computer vision

macular **vision**  
*use* vision

monocular **vision**

night **vision**

peripheral **vision**

stereoscopic **vision**

synthetic **vision**  
*use* enhanced vision

**visors**  
**visual** accommodation  
**visual** acuity  
**visual** aids  
**visual** control  
**visual** discrimination  
**visual** displays  
*use* display devices

audio **visual** equipment  
**visual** fields  
**visual** flight  
**visual** flight rules

audio **visual** material  
**visual** observation  
**visual** perception  
**visual** photometry  
**visual** pigments  
**visual** signals  
**visual** stimuli  
**visual** tasks  
**visual** tracking  
*use* optical tracking

data **visualization**  
*use* scientific visualization

flow **visualization**

numerical flow **visualization**

scientific **visualization**  
**visualization** of flow  
*use* flow visualization

**vitamin A**  
*use* retinene

**vitamin B**  
*use* thiamine

**vitamin B 2**  
*use* riboflavin

**vitamin B 6**  
*use* pyridoxine

**vitamin B 12**  
*use* cyanocobalamin

**vitamin B complex**  
*use* biotin

**vitamin C**  
*use* ascorbic acid

**vitamin D**  
*use* calciferol

**vitamin E**  
*use* tocopherol

**vitamin G**  
*use* riboflavin

**vitamin K**  
*use* phyloquinone

**vitamin M**  
*use* folic acid

**vitamin P**  
*use* bioflavonoids

**vitamins**  
**Viterbi** decoders  
**Viton** rubber (trademark)  
**vitreous** materials  
**vitrification**  
in **vitro** methods and tests  
in **vivo** methods and tests

**VJ-101** aircraft

Very Large Array **(VLA)**  
Boltzmann-**Vlasov** equation  
**vlasov** equations

Very Long Baseline Array **(VLBA)**  
**VLBI**  
*use* very long base interferometry

**VLF** emission recorders

**VLSI**  
*use* very large scale integration

**VLTA** (aircraft)  
*use* very large transport aircraft

**VOC** (organic chemistry)  
*use* volatile organic compounds

**vocal** cords

**vocoders**  
**voice**  
**voice** communication  
**voice** control  
**voice** data processing  
**Voice** of America  
**voice** translators  
digital to **(voice** translators)  
DIVOT *use* digital to voice translators

**void** ratio

**voids**  
**Voigt** effect

**volatile** organic compounds

**volatility**  
**volatilization**  
*use* vaporizing

**volcanic** eruptions

**volcanics**  
*use* volcanology

**volcanoes**  
active **volcanoes**  
*use* volcanoes

cones **(volcanoes)**

Mars **volcanoes**  
**volcanology**  
eruptions **(volcanology)**  
*use* volcanic eruptions

**volt-ampere** characteristics

Upper **Volta**  
*use* Burkina

**voltage**  
*use* electric potential

low **voltage**

- open circuit **voltage**  
 threshold **voltage**  
     **voltage** amplifiers  
     **voltage** breakdown  
         *use* electrical faults  
 capacitance- **voltage** characteristics  
     **voltage** controlled oscillators  
     **voltage** converters (AC to AC)  
     **voltage** converters (DC to DC)  
     **voltage** generators  
     **voltage** measurement  
         *use* electrical measurement  
     **voltage** regulators  
     **voltage** variation indicators  
         *use* voltmeters  
 high **voltages**  
     **Volterra** equations  
     **voltmeters**  
     **volume**  
 blood **volume**  
 density (mass/ **volume**)  
 density (number/ **volume**)  
 heart minute **volume**  
 stroke **volume**  
 constant **volume** balloons  
     *use* superpressure balloons  
 body **volume** (biology)  
     **volume** fraction  
         *use* concentration (composition)  
 fiber **volume** fraction  
 finite **volume** method  
 low **volume** ramjet engines  
     **volumetric** analysis  
     **volumetric** efficiency  
     **volumetric** strain  
     **voluntary** muscle  
         *use* skeletal muscle  
     **vomiting**  
     **Von** Karman equation  
     **von** Mises theory  
         *use* stress functions  
     **von** Zeipel method  
     **Voodoo** aircraft  
         *use* F-101 aircraft  
     **VOR** systems  
         *use* VHF omnirange navigation  
     **Voronoi** diagrams  
     **vortex** advisory system  
     **vortex** alleviation  
     **vortex** avoidance  
     **vortex-blade** interaction  
         *use* blade-vortex interaction  
     **vortex** breakdown  
     **vortex** columns  
         *use* vortices  
     **vortex** disturbances  
         *use* vortices  
     **vortex** filaments  
     **vortex** flaps  
     **vortex** flow  
         *use* vortices  
     **vortex** generation  
         *use* vortex generators  
     **vortex** generators  
     **vortex** in cell technique  
     **vortex** injectors  
 blade- **vortex** interaction  
     **vortex** lattice method  
     **vortex** precession  
     **vortex** rings  
     **vortex** shedding  
     **vortex** sheets  
 Karman **vortex** street  
     **vortex** streets  
     **vortex** traps  
         *use* trapped vortices  
     **vortex** tubes  
         *use* Hilsch tubes  
         vortices  
     **vortices**  
     **vortices**  
         *use* horseshoe vortices  
 horseshoe **vortices**  
 trapped **vortices**  
 wing tip **vortices**  
     **vorticity**  
 Helmholtz **vorticity** equation  
     **vorticity** equations  
     **vorticity** transport hypothesis  
     **Voskhod** 1 spacecraft  
     **Voskhod** 2 spacecraft  
     **voskhod** manned spacecraft  
     **Vostok** 1 spacecraft  
     **Vostok** 2 spacecraft  
     **Vostok** 3 spacecraft  
     **Vostok** 4 spacecraft  
     **Vostok** 5 spacecraft  
     **Vostok** 6 spacecraft  
     **Vostok** spacecraft  
     **voting**  
 Chance- **Vought** aircraft  
 Ling-Temco- **Vought** aircraft  
     **vowels**  
     **Voyager** 1 spacecraft  
     **Voyager** 2 spacecraft  
     **Voyager** 1977 mission  
     **Voyager** project  
     **Voyageur** helicopter  
         *use* CH-46 helicopter  
     **VR** (virtual reality)  
         *use* virtual reality  
     **VSAT** (network)  
 Lake Champlain Basin (NY- **VT**)  
     **VTOL**  
         *use* vertical landing  
         vertical takeoff  
     **VTOL** aircraft  
         *use* vertical takeoff aircraft  
     **Vulcan** aircraft  
     **vulcanizates**  
         *use* vulcanized elastomers  
 gum **vulcanizates**  
     *use* vulcanized elastomers  
     **vulcanized** elastomers  
     **vulcanizing**  
     **vulnerability**  
 nuclear **vulnerability**  
     **Vycor**  
     **VZ-2** aircraft  
     **VZ-8** aircraft  
     **VZ-10** aircraft  
         *use* XV-4 aircraft  
     **VZ-11** aircraft  
         *use* XV-5 aircraft  
     **VZ-12** aircraft  
         *use* P-1127 aircraft
- ## W
- B-A- **W** devices  
 S-A- **W** devices  
     **W-R** stars  
         *use* Wolf-Rayet stars  
**W** stars  
     *use* Wolf-Rayet stars  
**W** wings  
     *use* variable sweep wings  
**W2F** aircraft  
     *use* E-2 aircraft  
 Cascade Range (CA-OR- **WA**)  
 Columbia River Basin (ID-OR- **WA**)  
 Van der **Waals** forces  
**Wabash** River Basin (IL-IN-OH)  
 Schwassmann- **Wachmann** comet  
     **wadis**  
     **wafers**  
     **wage** surveys

	<b>wakefulness</b>		<b>washout</b> (radioactivity)
	<b>wakes</b>		<i>use</i> fallout
aircraft	<b>wakes</b>		<b>WASP</b> sounding rocket
helicopter	<b>wakes</b>		<b>Waspaloy</b>
hypersonic	<b>wakes</b>		<b>waste</b> disposal
laminar	<b>wakes</b>		<b>waste</b> energy utilization
near	<b>wakes</b>		<b>waste</b> heat
supersonic	<b>wakes</b>		<b>waste</b> management
swirling	<b>wakes</b>		<b>waste</b> treatment
	<i>use</i> turbulent wakes		<b>waste</b> utilization
turbulent	<b>wakes</b>		<b>waste</b> water
	<b>Wales</b>		<b>wastes</b>
random	<b>walk</b>	deep well injection	<b>(wastes)</b>
	<b>walking</b>	hazardous	<b>wastes</b>
	<b>walking</b> machines	human	<b>wastes</b>
domain	<b>wall</b>	industrial	<b>wastes</b>
	<b>wall</b> flow	liquid	<b>wastes</b>
	<b>wall</b> jets	metabolic	<b>wastes</b>
	<b>wall</b> pressure	nuclear	<b>wastes</b>
	<b>wall</b> temperature		<i>use</i> radioactive wastes
thin	<b>walled</b> shells	radioactive	<b>wastes</b>
	<b>Wallops</b> Island	solid	<b>wastes</b>
	<b>walls</b>	organic	<b>wastes</b> (fuel conversion)
cold	<b>walls</b>	World Weather	<b>Watch</b>
	<i>use</i> cold surfaces		<i>use</i> meteorological services
	walls		<b>watches</b>
nozzle	<b>walls</b>		<i>use</i> clocks
porous	<b>walls</b>		<b>water</b>
sea	<b>walls</b>	coastal	<b>water</b>
	<i>use</i> breakwaters	cold	<b>water</b>
thick	<b>walls</b>	deep	<b>water</b>
thin	<b>walls</b>	extraterrestrial	<b>water</b>
Trombe	<b>walls</b>	fresh	<b>water</b>
wind tunnel	<b>walls</b>	ground	<b>water</b>
	<b>Walsh</b> function	heavy	<b>water</b>
	<b>WAN</b>	light	<b>water</b>
	<i>use</i> wide area networks	nearshore	<b>water</b>
polar	<b>wandering</b> (geology)	potable	<b>water</b>
	<b>Wankel</b> engines	sea	<b>water</b>
	<b>war</b> games	shallow	<b>water</b>
	<b>warfare</b>	springs	<b>(water)</b>
antiship	<b>warfare</b>	surface	<b>water</b>
antisubmarine	<b>warfare</b>	upwelling	<b>water</b>
chemical	<b>warfare</b>	vadose	<b>water</b>
electronic	<b>warfare</b>	waste	<b>water</b>
nuclear	<b>warfare</b>		<b>water</b> balance
biological	<b>warfare</b> agents	Los Alamos	<b>Water</b> Boiler Reactor
	<i>use</i> biological weapons	light	<b>water</b> breeder reactors
antisubmarine	<b>warfare</b> aircraft		<b>water</b> circulation
	<b>warheads</b>		<b>water</b> color
nuclear	<b>warheads</b>	heavy	<b>water</b> components test reactors
	<b>warm</b> blooded animals		<b>water</b> consumption
	<i>use</i> homeotherms		<b>water</b> content
	<b>warm</b> fronts		<i>use</i> moisture content
	<b>warming</b>		<b>water</b> cooled reactors
	<i>use</i> heating		<b>water</b> cooling
global	<b>warming</b>		<i>use</i> liquid cooling
stratospheric	<b>warming</b>		<b>water</b> currents
	<b>warning</b>		<b>water</b> cycle (hydrology)
Airborne	<b>Warning</b> and Control System		<i>use</i> hydrological cycle
	<i>use</i> AWACS aircraft		<b>water</b> deprivation
	<b>warning</b> devices		<b>water</b> depth
	<i>use</i> warning systems		<b>water</b> erosion
collision	<b>warning</b> devices		<b>water</b> flow
	<i>use</i> collision avoidance		<b>water</b> hammer
	warning systems		<b>water</b> heating
	<b>warning</b> signals		<b>water</b> immersion
	<i>use</i> warning systems		<b>water</b> injection
	<b>Warning</b> Star aircraft		<b>water</b> intakes
	<i>use</i> C-121 aircraft	air	<b>water</b> interactions
Ballistic Missile Early	<b>Warning</b> System		<b>water</b> jets
	<b>warning</b> systems		<i>use</i> hydraulic jets
early	<b>warning</b> systems		<b>water</b> landing
	<b>warpage</b>		<b>water</b> loss
	<b>washers</b>		<b>water</b> management
	<b>washers</b> (cleaners)		<b>water</b> masers
	<b>washers</b> (spacers)		<b>water</b> moderated reactors
	<b>washing</b>	Small	<b>Water</b> Plane Area Twin Hull
	<b>Washington</b>		<i>use</i> SWATH (ship)

- water** pollution  
**water** pressure  
**water** purification  
*use* water treatment  
**water** quality  
 metal- **water** reactions  
 Halden Boiling **Water** Reactor  
 boiling **water** reactors  
 experimental boiling **water** reactors  
 heavy **water** reactors  
 light **water** reactors  
 pressurized **water** reactors  
**water** reclamation  
**water** recovery  
*use* water reclamation  
**water** resources  
 hot **water** rocket engines  
**water** runoff  
**water** sampling  
**water** splitting  
**water** tables  
**water** takeoff and landing aircraft  
**water** temperature  
**water** treatment  
**water** tunnel tests  
**water** tunnels  
*use* hydraulic test tunnels  
**water** vapor  
**water** vehicles  
**water** waves  
**water** wheels  
**waterfowl**  
**waterproofing**  
 inland **waters**  
**watersheds**  
**waterwave** energy  
**waterwave** energy conversion  
**waterwave** powered machines  
**waterways**  
**wattmeters**  
**wave** amplification  
 traveling **wave** amplifiers  
 gravitational **wave** antennas  
 Submillimeter **Wave** Astronomy Satellite  
**wave** attenuation  
 shock **wave** attenuation  
 shock **wave** control  
**wave** degradation  
 bulk acoustic **wave** devices  
 surface acoustic **wave** devices  
**wave** diffraction  
**wave** dispersion  
**wave** drag  
 brown **wave** effect  
 green **wave** effect  
 pulse detonation **wave** engines  
*use* pulse detonation engines  
**wave** equations  
 Lame **wave** equations  
**wave** excitation  
 electromagnetic **wave** filters  
**wave** front deformation  
**wave** front reconstruction  
**wave** fronts  
**wave** functions  
**wave** generation  
 shock **wave** generators  
**wave** incidence control  
**wave** interaction  
 shock **wave** interaction  
 continuous **wave** lasers  
 shock **wave** luminescence  
 traveling **wave** masers  
 four- **wave** mixing  
 density **wave** model  
 traveling **wave** modulation  
**wave** motion  
*use* waves
- Laser Interferometer Gravitational- **Wave** Observatory  
*use* LIGO (observatory)  
 kilometer **wave** orbiting telescope  
**wave** oscillators  
*use* oscillators  
**wave** packets  
**wave**-particle interactions  
 shock **wave** profiles  
**wave** propagation  
 ground **wave** propagation  
 shock **wave** propagation  
 continuous **wave** radar  
**wave** radiation  
*use* electromagnetic radiation  
 long **wave** radiation  
 short **wave** radiation  
 ultra short **wave** radio equipment  
*use* very high frequency radio equipment  
 short **wave** radio transmission  
 standing **wave** ratios  
**wave** reflection  
 radio **wave** refraction  
**wave** resistance  
**wave** rotors  
**wave** scattering  
 ultrasonic **wave** transducers  
 electromagnetic **wave** transmission  
 backward **wave** tubes  
 traveling **wave** tubes  
**waveforms**  
 sawtooth **waveforms**  
 Earth-ionosphere **waveguide**  
**waveguide** antennas  
**waveguide** filters  
**waveguide** lasers  
**waveguide** tuners  
**waveguide** windows  
**waveguides**  
 beam **waveguides**  
 circular **waveguides**  
 corrugated **waveguides**  
 dielectric **waveguides**  
 optical **waveguides**  
 rectangular **waveguides**  
 sonic **waveguides**  
*use* acoustic delay lines  
**wavelength** division multiplexing  
 two- **wavelength** lasers  
**wavelengths**  
 de Broglie **wavelengths**  
**wavelet** analysis  
**wavelet** transform  
*use* wavelet analysis  
**waveriders**  
**waves**  
 Alfvén **waves**  
*use* magnetohydrodynamic waves  
 backward **waves**  
 baroclinic **waves**  
 bow **waves**  
 bow shock **waves**  
*use* shock waves  
 capillary **waves**  
 carrier **waves**  
 centimeter **waves**  
 cnoidal **waves**  
 combustion **waves**  
*use* flame propagation  
 compression **waves**  
 continuous **waves**  
*use* continuous radiation  
 cosmic radio **waves**  
*use* extraterrestrial radio waves  
 cylindrical **waves**  
 decametric **waves**  
 decimeter **waves**  
 detonation **waves**  
 diffusion **waves**

**waves**

- dilatational **waves**
- elastic **waves**
- electroacoustic **waves**
- electromagnetic **waves**
  - use* electromagnetic radiation
- electromagnetic surface **waves**
- electrostatic **waves**
- evanescent **waves**
- expansion **waves**
  - use* elastic waves
- extraterrestrial radio **waves**
- frontal **waves**
- galactic radio **waves**
- gravitational **waves**
- gravity **waves**
- H **waves**
- horizontally polarized shear **waves**
  - use* SH waves
- hydromagnetic **waves**
  - use* magnetohydrodynamic waves
- internal **waves**
- interplanetary shock **waves**
- ion acoustic **waves**
- ionic **waves**
- Kelvin **waves**
- kilometric **waves**
- Lamb **waves**
- lee **waves**
- loading **waves**
  - use* elastic waves
  - loads (forces)
- longitudinal **waves**
  - Love **waves**
- magnetoacoustic **waves**
- magnetoelastic **waves**
- magnetohydrodynamic **waves**
- millimeter **waves**
- modes (standing **waves**)
- nodes (standing **waves**)
- normal shock **waves**
- oblique shock **waves**
- P **waves**
  - plane **waves**
  - planetary **waves**
  - plasma **waves**
- plasma sound **waves**
  - use* magnetohydrodynamic waves
  - plasma waves
- polarization (**waves**)
- polarized elastic **waves**
- pressure **waves**
  - use* elastic waves
- radio **waves**
- rarefaction **waves**
  - use* elastic waves
- Rayleigh **waves**
- reflected **waves**
- refracted **waves**
- Riemann **waves**
- Rossby **waves**
  - use* planetary waves
- S **waves**
- secondary **waves**
  - use* S waves
- seismic **waves**
- SH **waves**
- shear **waves**
  - use* S waves
- shock **waves**
- sine **waves**
- sky **waves**
- solar radio **waves**
  - use* solar radio emission
- solitary **waves**
- Sommerfeld **waves**
- sound **waves**
- spherical **waves**
- spin **waves**
  - use* magnons
- square **waves**
- standing **waves**
- stress **waves**
- subcarrier **waves**
  - use* carrier waves
- submillimeter **waves**
- surface **waves**
- tidal **waves**
- Tollmien-Schlichting **waves**
- transverse **waves**
- traveling **waves**
- tropospheric **waves**
- tsunami **waves**
- ultrasonic **waves**
  - use* ultrasonic radiation
- unloading **waves**
- water **waves**
  - long **waves** (meteorology)
  - use* planetary waves
- lost **wax** process
  - use* investment casting
- waxes**
- Milky **Way** Galaxy
- XJ-34- **WE-32** engine
- weak** energy interactions
- weak** interactions (field theory)
- weakly** interacting massive particles
- weapon** system 107A-1
- weapon** system 107A-2
- weapon** system 133A
- weapon** system 133B
- weapon** system 315A
- weapon** system management
- Typhon **weapon** system
- weapon** systems
- weapons**
- biological **weapons**
- fission **weapons**
- fusion **weapons**
- laser **weapons**
- nuclear **weapons**
- space **weapons**
  - weapons** delivery
  - weapons** development
  - weapons** industry
- wear**
- wear** inhibitors
- wear** resistance
- wear** tests
- weather**
- cold **weather**
- hot **weather**
- space **weather**
  - all- **weather** air navigation
  - weather** charts
    - use* meteorological charts
  - weather** conditions
    - use* weather
  - weather** control
    - use* weather modification
  - weather** data recorders
  - weather** forecasting
- long range **weather** forecasting
- numerical **weather** forecasting
- statistical **weather** forecasting
- weather** fronts
  - use* fronts (meteorology)
- cockpit **weather** information systems
- all- **weather** landing systems
- weather** maps
  - use* meteorological charts
- weather** modification
- weather** radar
  - use* meteorological radar
- weather** reconnaissance aircraft
- weather** stations
- automatic **weather** stations
- cold **weather** tests

- World **Weather** Watch  
*use* meteorological services
- weathering**
- space **weathering**  
**weatherproofing**  
**weaving**
- World Wide **Web**  
**web** services  
**web** sites  
*use* websites
- James **Webb** Space Telescope  
**webbing**  
**Weber**-Fechner law  
**Weber** test  
**webs**
- girder **webs**  
**webs** (membranes)  
*use* membranes  
**webs** (sheets)  
**webs** (supports)  
**websites**  
**wedge** flow  
**wedges**
- boll **weevils**  
**Weibel** instability  
**Weibull** density functions  
**Weierstrass** functions  
**weight**
- body **weight**  
low **weight**
- molecular **weight**  
organ **weight**
- structural **weight**  
**weight** analysis  
**weight** factors  
*use* weight (mass)  
**weight** indicators  
**weight** (mass)  
**weight** measurement
- thrust- **weight** ratio  
**weight** reduction
- drop **weight** tests  
*use* drop tests  
**weighting** functions  
**weightless** fluids  
**weightlessness**  
**weightlessness** simulation
- atomic **weights**
- low molecular **weights**  
**Weinberg**-Salam Gauge Model  
*use* electroweak model
- Curie- **Weiss** law  
**weld** strength  
**weld** tests  
**weldability**  
**welded** joints  
**welded** structures  
**welding**
- arc **welding**  
cold **welding**  
diffusion **welding**  
electric **welding**
- electron beam **welding**  
electroslag **welding**  
explosive **welding**  
flash **welding**  
friction **welding**  
friction stir **welding**  
FSW (**welding**)  
*use* friction stir welding
- fusion **welding**  
gas **welding**
- gas tungsten arc **welding**  
laser **welding**
- plasma arc **welding**  
pressure **welding**  
TIG **welding**  
*use* gas tungsten arc welding
- tungsten inert gas **welding**  
*use* gas tungsten arc welding
- ultrasonic **welding**  
**welding** machines
- spot **welds**
- quantum **well** infrared photodetectors  
deep **well** injection (wastes)
- quantum **well** lasers  
**wells**
- quantum **wells**  
square **wells**  
**Wentzel**-Kramer-Brillouin method  
**Weser** aircraft
- South **West** Africa  
*use* Namibia  
**West** comet  
**West** Ford project  
**West** Germany  
**West** Indies  
**West** Virginia  
**Westar** satellites
- circumpolar **westerlies**  
**Western** hemisphere  
**Westland** aircraft  
**Westland** ground effect machines  
**Westland** MK-10 helicopter  
*use* Westland Whirlwind helicopter  
**Westland** P-531 helicopter  
*use* P-531 helicopter  
**Westland** SR-N2 ground effect machine  
*use* Westland ground effect machines  
**Westland** SR-N2 hovercraft  
*use* Westland ground effect machines  
**Westland** SR-N3 ground effect machine  
*use* Westland ground effect machines  
**Westland** SR-N3 hovercraft  
*use* Westland ground effect machines  
**Westland** SR-N5 ground effect machine  
*use* Westland ground effect machines  
**Westland** Whirlwind helicopter
- wet** cells  
**wet** spinning  
**wetlands**  
**wetness**  
*use* moisture content
- wettability**  
**wetting**  
**whales**  
**wharves**  
**wheat**  
**Wheatstone** bridges  
**wheel** brakes
- filter **wheel** infrared spectrometers  
TIROS **wheel** satellite  
*use* TIROS 9 satellite
- wheelchairs**  
**wheels**
- counter-rotating **wheels**  
doughnut shape **wheels**  
*use* toroidal wheels
- inertia **wheels**  
*use* counter-rotating wheels  
reaction wheels
- nose **wheels**
- reaction **wheels**  
toroidal **wheels**  
turbine **wheels**  
vehicle **wheels**  
water **wheels**  
**whip** antennas  
**whiplash** injuries  
**whirl**  
*use* rotation  
**whirl** instability  
*use* rotary stability  
**whirl** towers  
**whirling**  
*use* rotation

- whirling** tests  
*use* spin tests
- Sikorsky **Whirlwind** helicopter
- Westland **Whirlwind** helicopter  
**Whirlwind** MK-10 helicopter  
*use* Westland Whirlwind helicopter
- whisker** composites
- metal **whisker** reinforcement  
*use* whisker composites
- whiskers** (crystals)
- whispering** gallery modes
- whistler** recorders
- whistlers**
- General Aviation **Whitcomb** airfoil  
*use* GAW-1 airfoil  
GAW-2 airfoil
- white** blood cells  
*use* leukocytes
- white** dwarf stars
- white** holes (astronomy)
- white** light holography
- white** noise
- black and **white** photography
- white** smokers (oceanography)  
*use* submarine hydrothermal vents
- whiteout**
- Whitham** rule
- Mann- **Whitney**-Wilcoxon U test
- Whittaker** functions
- AVRO **Whitworth** HS-748 aircraft  
*use* HS-748 aircraft
- wicks**
- wide** angle lenses
- wide** area networks
- Wide-field** Infrared Survey Explorer
- Sea-viewing **Wide** Field-of-view Sensor
- World **Wide** Web
- wideband**  
*use* broadband
- wideband** communication
- Widmanstätten** structure
- width**
- pulse **width**  
*use* pulse duration
- spectral line **width**
- swath **width**
- pulse **width** amplitude converters
- pulse **width** modulation  
*use* pulse duration modulation
- Wiener** filtering
- Wiener** Hopf equations
- Shannon- **Wiener** measure
- WIG** vehicles  
*use* wing-in-ground effect vehicles
- wiggler** magnets
- Wightman** theory  
*use* field theory (physics)  
quantum theory  
relativistic theory
- Wigner** coefficient
- Brillouin- **Wigner** equation
- Mann-Whitney- **Wilcoxon** U test
- Wild** 2 comet
- wilderness**
- wildlife**
- wildlife** radiolocation
- Prince **William** Sound (AK)
- Fowcs **Williams**-Hawkins equation
- Williston** Basin (North America)
- WIMPs** (astronomy)  
*use* weakly interacting massive particles
- winches**
- geostrophic **wind**
- ground **wind**
- solar **wind**  
circulation  
*use* atmospheric circulation
- wind** direction
- wind** effects
- wind** energy  
*use* windpower utilization
- wind** erosion
- Wind** /GGS spacecraft
- wind** measurement
- wind** (meteorology)
- wind** pressure
- wind** profiles
- Wind** River Range (WY)
- wind** shear
- Dungeys **wind** shear mechanism  
*use* wind shear
- wind** tunnel apparatus
- wind** tunnel balances  
*use* weight indicators  
wind tunnel apparatus
- wind** tunnel calibration
- wind** tunnel drives
- wind** tunnel models
- wind** tunnel nozzles
- wind** tunnel stability tests
- wind** tunnel tests
- wind** tunnel walls
- wind** tunnels
- blowdown **wind** tunnels
- cascade **wind** tunnels
- combustion **wind** tunnels
- cryogenic **wind** tunnels
- hotshot **wind** tunnels
- hypersonic **wind** tunnels
- hypervelocity **wind** tunnels
- low density **wind** tunnels
- low speed **wind** tunnels
- plasma jet **wind** tunnels
- rectangular **wind** tunnels
- slotted **wind** tunnels
- subsonic **wind** tunnels
- supersonic **wind** tunnels
- transonic **wind** tunnels
- trisonic **wind** tunnels
- wind** turbines
- wind** vanes
- wind** variations
- wind** velocity
- wind** velocity measurement
- solar **wind** velocity
- winding**
- filament **winding**
- wire **winding**
- helical **windings**
- windmilling**  
*use* autorotation
- windmills** (windpowered machines)
- window** atmosphere sounding projectile  
*use* WASP sounding rocket
- windows**
- atmospheric **windows**
- infrared **windows**
- laser **windows**
- launch **windows**
- waveguide **windows**
- windows** (apertures)
- windows** (computer programs)
- windows** (intervals)
- windpower** utilization
- windpowered** generators
- windmills (windpowered machines)
- windpowered** pumps
- galactic **winds**
- stellar **winds**
- winds** aloft
- windscreens**  
*use* windshields
- windshields**
- wines**
- C-8A augmentor **wing** aircraft
- fan in **wing** aircraft

- fixed- **wing** aircraft  
*use* aircraft configurations  
 fixed wings
- flying **wing** aircraft  
*use* tailless aircraft
- free **wing** aircraft
- low **wing** aircraft
- pivoted **wing** aircraft  
*use* tilt wing aircraft
- rotary **wing** aircraft
- tandem **wing** aircraft
- tilt **wing** aircraft
- body- **wing** and tail configurations  
**wing-body** and tail configurations  
*use* body-wing and tail configurations  
**wing-body** configurations  
*use* body-wing configurations
- blended- **wing-body** configurations  
**wing** camber
- body- **wing** configurations
- dual **wing** configurations
- flying **wing** configurations  
*use* blended-wing-body configurations
- nacelle **wing** configurations  
*use* wing nacelle configurations  
**wing** flaps
- jet augmented **wing** flaps  
*use* jet flaps  
 wing flaps  
**wing** flow method tests
- blended- **wing-fuselage**  
**wing-fuselage** stores  
**wing** icing  
*use* aircraft icing  
**wing-in-ground** effect vehicles  
**wing** loading  
**wing** nacelle configurations  
**wing** oscillations  
**wing** panels  
**wing** planforms  
**wing** profiles  
**wing** rock  
**wing** roots
- x **wing** rotors  
**wing** slats  
*use* leading edge slats  
**wing** slots  
**wing** span
- fuselage- **wing** stores  
*use* wing-fuselage stores  
**wing** tanks  
**wing** tip vortices  
**wing** tips  
**winged** vehicles  
**winglets**  
**wings**
- aeroelastic research **wings**
- arrow **wings**
- cambered **wings**
- cantilever **wings**  
*use* wings
- caret **wings**
- channel **wings**
- cranked **wings**  
*use* swept wings
- cruciform **wings**
- delta **wings**
- diamond **wings**  
*use* low aspect ratio wings  
 swept wings
- fixed **wings**
- flexible **wings**
- high aspect ratio **wings**  
*use* slender wings
- infinite span **wings**
- joined **wings**
- low aspect ratio **wings**
- M **wings**  
*use* variable sweep wings
- mission adaptive **wings**
- oblique **wings**
- ogee **wings**  
*use* variable sweep wings
- rectangular **wings**
- rigid **wings**
- ring **wings**
- Rogallo **wings**  
*use* flexible wings  
 folding structures
- rotary **wings**
- slender **wings**
- straight **wings**  
*use* rectangular wings
- supercritical **wings**
- swept **wings**
- swept forward **wings**
- sweptback **wings**
- swing **wings**
- tapered **wings**  
*use* swept wings
- thin **wings**
- trapezoidal **wings**
- triangular **wings**  
*use* delta wings
- twisted **wings**
- uncambered **wings**
- unswept **wings**
- variable area **wings**  
*use* trailing edge flaps
- variable sweep **wings**
- W **wings**  
*use* variable sweep wings
- winter
- wire
- electric **wire**
- hot- **wire** anemometers  
**wire** bridge circuits  
**wire** cloth
- fly by **wire** control
- hot- **wire** flowmeters  
**wire** grid lenses  
**wire** mesh  
*use* wire cloth
- hot- **wire** turbulence meters  
*use* hot-wire flowmeters  
 turbulence meters
- wire** winding  
**wireless** communication
- exploding **wires**
- guy **wires**
- quantum **wires**  
**wiring**
- electric **wiring**  
*use* electric wire  
 wiring  
**wiring** systems  
*use* wiring
- Wisconsin
- WISE (astronomy)  
*use* Wide-field Infrared Survey Explorer
- Wiswesser notations
- WKB approximation  
*use* Wentzel-Kramer-Brillouin method
- Chandler **wobble**
- Wolf-Rayet stars
- wolfram  
*use* tungsten
- wolves
- women  
*use* females
- wood  
**wooden** structures
- Kraft process (woodpulp)
- wool
- word processing

- words** (language)
  - work**
  - physical **work**
    - work** capacity
    - work** functions
    - work** hardening
    - work**-rest cycle
    - work** softening
  - orbital **workers**
  - Workhorse** helicopter
    - use* CH-21 helicopter
  - cold **working**
  - hot **working**
  - metal **working**
    - working** fluids
    - workloads** (psychophysiology)
  - Saturn 1 **workshop**
  - Saturn 5 **workshop**
  - orbital **workshops**
  - Saturn **workshops**
  - workstations**
  - crew **workstations**
  - world**
    - use* Earth (planet)
    - world** data centers
    - World** Meteorological Organization
    - World** Weather Watch
      - use* meteorological services
    - World** Wide Web
  - worms**
  - filament **wound** construction
    - use* filament winding
    - wound** healing
    - woven** composites
    - Wrangell** Mountains (AK)
    - wrap**
    - wraparound** contact solar cells
      - use* solar cells
  - composite **wrapping**
  - spiral **wrapping**
  - wreckage**
  - wrenches**
  - Curtiss-**Wright** aircraft
  - wrinkling**
  - flange **wrinkling**
  - wrist**
  - technical **writing**
  - wrought** alloys
  - WU-2** aircraft
    - use* U-2 aircraft
  - wurtzite**
  - Potomac River Valley (MD-VA-**WV**)
  - WWW**
    - use* World Wide Web
    - WWW** (meteorology)
      - use* meteorological services
  - Bighorn Mountains (MT-**WY**)
  - Black Hills (SD-**WY**)
  - Wind River Range (**WY**)
  - Yellowstone National Park (ID-MT-**WY**)
  - Wyoming**
- X**
- Constellation- **X**
  - ISIS- **X**
  - planet **X**
    - use* hypothetical planets
    - X-1** aircraft
    - X-2** aircraft
    - X-3** aircraft
    - X-5** aircraft
    - X-13** aircraft
    - X-14** aircraft
    - X-15** aircraft
    - X-17** reentry vehicle
    - X-19** aircraft
    - X-20** aircraft
    - X-21** aircraft
    - X-21A** aircraft
    - X-22** aircraft
    - X-22A** aircraft
    - X-24** aircraft
    - X-29** aircraft
    - X-30** vehicle
    - X-31** aircraft
    - X-32** aircraft
    - X-33** reusable launch vehicle
    - X-34** reusable launch vehicle
    - X-35** aircraft
    - X-36** aircraft
    - X-37** vehicle
    - X-38** crew return vehicle
    - X-40A** vehicle
    - X-43** vehicle
    - X-45** aircraft
    - X-248** engine
    - X-254** engine
    - X-258** engines
    - X-258-B1** engine
    - X-259** engine
    - X-405** engine
    - X** band
      - use* superhigh frequencies
    - X** mesons
    - Con- **X** observatory
      - use* Constellation-X
    - x** ray absorption
    - x** ray analysis
    - x** ray apparatus
    - x** ray astronomy
      - X** Ray Astrophysics Facility
    - Advanced **X** Ray Astrophysics Facility
      - use* X Ray Astrophysics Facility
    - Chandra **X** Ray Astrophysics Facility
      - use* X Ray Astrophysics Facility
    - x** ray binaries
    - x** ray density measurement
    - x** ray detectors
    - x** ray diffraction
    - x** ray fluorescence
    - x** ray imagery
    - Low Intensity **X** Ray Imaging Scopes
      - use* lixiscopes
    - x** ray inspection
    - x** ray irradiation
    - x** ray lasers
    - X** Ray Multi-Mirror Mission
      - use* XMM-Newton telescope
    - x** ray optics
    - x** ray scattering
    - x** ray sources
    - x** ray spectra
    - X** ray spectrography
      - use* x ray spectroscopy
    - x** ray spectrometers
    - X** ray spectrometry
      - use* x ray spectroscopy
    - X** Ray Spectropolarimetry Payload
      - use* EXPOS (Spacelab payload)
    - x** ray spectroscopy
    - x** ray stars
    - x** ray stress analysis
    - x** ray stress measurement
    - x** ray telescopes
    - X** Ray Timing Explorer
    - Rossi **X** Ray Timing Explorer
      - use* X Ray Timing Explorer
    - x** ray tubes
    - x** rays
    - cosmic **x** rays
    - solar **x**-rays
    - Nike **X** systems
      - x** wing rotors
      - x**-y plotters
      - xanthic** acids
      - xanthines**

- XB-47** aircraft  
*use* B-47 aircraft
- XB-70** aircraft  
*use* B-70 aircraft
- XBQM-180A** aircraft  
*use* VATOL aircraft
- XC-142** aircraft
- xenon**
- xenon** 129
- xenon** 133
- xenon** 135
- xenon** chloride lasers
- xenon** compounds
- xenon** fluoride lasers
- xenon** isotopes
- xenon** lamps
- xerogels**
- xerography**
- XH-51** helicopter
- xi** hyperons
- XJ-34-WE-32** engine  
*use* J-34 engine
- XJ-79-GE-1** engine  
*use* J-79 engine
- XLR-99** engine
- XM-6** squib  
*use* squibs
- XM-8** squib  
*use* squibs
- XM-33** engine
- XMM**-Newton telescope
- XMM** (telescope)  
*use* XMM-Newton telescope
- XV-3** aircraft
- XV-4** aircraft
- Lockheed **XV-4A** aircraft  
*use* XV-4 aircraft
- XV-5** aircraft
- XV-5A** aircraft  
*use* XV-5 aircraft
- XV-6A** aircraft  
*use* P-1127 aircraft
- XV-8A** aircraft
- XV-9A** aircraft
- XV-11A** aircraft
- XV-15** aircraft
- xylene**
- xylose**
- Y**
- Clark **Y** airfoil  
*use* airfoil profiles
- Y-Ba-Cu-O** superconductors  
*use* YBCO superconductors
- x- **y** plotters
- YAG** (garnet)  
*use* yttrium-aluminum garnet
- YAG** lasers
- Yagi** antennas
- Yak** 40 aircraft
- YAK** aircraft  
*use* Yakovlev aircraft
- Yakovlev** aircraft
- Yang-Mills** fields
- Yang-Mills** theory
- yarns**
- YAV-8B** aircraft  
*use* Harrier aircraft
- yaw**
- damping in **yaw**  
*use* damping yaw
- yawing** moments
- yawmeters**  
*use* attitude indicators yaw
- YBCO** superconductors
- YC-14** aircraft
- YC-15** aircraft  
*use* C-15 aircraft
- YC-123** aircraft  
*use* C-123 aircraft
- IGY (geophysical **year**)  
*use* International Geophysical Year
- International Geophysical **Year**
- International Quiet Sun **Year**
- International Space **Year**
- IQSY (international **year**)  
*use* International Quiet Sun Year
- International Field **Year** for Great Lakes
- yeast**
- Yellowstone** National Park (ID-MT-WY)
- Yemen**
- Southern **Yemen**
- YF-12** aircraft
- YF-16** aircraft  
*use* F-16 aircraft
- YF-17** aircraft  
*use* F-17 aircraft
- YF-22** aircraft  
*use* F-22 aircraft
- YF-102** aircraft  
*use* F-102 aircraft
- YHU-1** helicopter  
*use* UH-1 helicopter
- yield**
- yield** point
- yield** strength
- plastic **yielding**  
*use* plastic deformation
- YIG** (garnet)  
*use* yttrium-iron garnet
- YJ-73-GE-3** engine  
*use* J-73 engine
- YJ-79** engine  
*use* J-79 engine
- YJ-85** engine  
*use* J-85 engine
- YJ-93** engine  
*use* J-93 engine
- YJ-93-GE-3** engine  
*use* J-93 engine
- YJ73** turbojet engine  
*use* J-73 engine
- YLF** lasers
- YLR-91-AJ-1** engine
- yo- **yo** devices
- yokes**
- New **York**
- New **York** City (NY)
- Young-Helmholtz** theory
- Young** modulus  
*use* modulus of elasticity
- youth**
- yrast** state
- YS-11** aircraft
- Nihon **YS-11** aircraft  
*use* YS-11 aircraft
- YSZ**  
*use* yttria-stabilized zirconia
- YT-2** aircraft  
*use* T-2 aircraft
- ytterbium**
- ytterbium** compounds
- ytterbium** isotopes
- yttria-stabilized zirconia**
- yttrium**
- yttrium** alloys
- yttrium-aluminum garnet**
- yttrium** compounds
- yttrium-iron garnet**
- yttrium** isotopes
- yttrium** lithium fluoride lasers  
*use* YLF lasers
- yttrium** oxides
- Yugoslavia**

- YUH-1** helicopter  
*use* UH-1 helicopter
- YUH-60A** helicopter  
*use* UH-60A helicopter
- YUH-61A** helicopter  
*use* UH-61A helicopter
- Yukawa** potential
- Yukon** aircraft  
*use* CL-44 aircraft
- Yukon** Territory
- Z**
- Z-37** aircraft
- Omnipol **Z-37** aircraft  
*use* Z-37 aircraft
- S- **Z** effect  
*use* Sunyaev-Zeldovich effect
- Integrated Truss Structure **Z1**  
**Z1** truss structure  
*use* Integrated Truss Structure Z1
- Zaire**  
*use* Democratic Republic of Congo
- Zambia**
- Zarya** control module
- zea** mays  
*use* corn
- New **Zealand**
- New **Zealand** space program
- Zeeman** effect
- Mach- **Zehnder** interferometers
- von **Zeipel** method
- zeitgebers**
- Sunyaev- **Zeldovich** effect
- Zener** diodes  
*use* avalanche diodes
- Zener** effect
- Zenit** launch vehicles
- zenith**
- zeolites**
- absolute **zero**  
**zero** angle of attack  
**zero** crossings  
*use* roots of equations  
**zero** force curves  
**zero-g** ACPL (Spacelab)  
*use* Atmospheric Cloud Physics Lab (Spacelab)  
**zero** gravity  
*use* weightlessness  
**zero** lift  
**zero** point energy  
**zero** power reactor 2  
**zero** power reactor 3  
**zero** power reactor 6  
**zero** power reactor 9  
**zero** power reactors  
**zero** sound  
**zero** sum games  
**Zeta** Aurigae star  
**zeta** pinch  
**zeta** thermonuclear reactor  
**Zeus** missile  
*use* Nike-Zeus missile
- Nike- **Zeus** missile
- Ziegler** catalyst
- Zimbabwe**
- zinc**  
**zinc** alloys  
**zinc** antimonides  
nickel **zinc** batteries  
silver **zinc** batteries  
silver oxide **zinc** batteries  
*use* silver zinc batteries  
**zinc**-bromide batteries  
**zinc** chlorides  
**zinc**-chlorine batteries  
**zinc** coatings  
**zinc** compounds  
**zinc** fluorides  
**zinc** isotopes  
**zinc** nickel batteries  
*use* nickel zinc batteries  
**zinc** oxides  
**zinc**-oxygen batteries  
**zinc** selenides  
**zinc** silver batteries  
*use* silver zinc batteries  
**zinc** silver oxide batteries  
*use* silver zinc batteries  
**zinc** sulfides  
**zinc** tellurides  
**zinc** tungstates  
**zincblende**
- Giacobini- **Zinner** comet
- zippers**
- Zircaloy 2** (trademark)
- Zircaloys** (trademark)
- lead **zirconate** titanates  
**zirconates**  
barium **zirconates**  
strontium **zirconates**  
**zirconia**  
*use* zirconium oxides
- yttria-stabilized **zirconia**  
**zirconium**  
**zirconium** 95  
**zirconium** alloys  
**zirconium** carbides  
**zirconium** compounds  
**zirconium** fluorides  
**zirconium** hydrides  
**zirconium** iodides  
**zirconium** isotopes  
**zirconium** nitrides  
**zirconium** oxides  
**zirconium** titanates  
**zodiac**  
**zodiacal** dust  
**zodiacal** light  
**zonal** circulation  
*use* zonal flow (meteorology)
- Zonal** Earth Energy Budget Experiment  
*use* LZEEBE satellite
- Long Term **Zonal** Earth Energy Experiment  
*use* LZEEBE satellite
- zonal** flow (meteorology)  
**zonal** harmonics  
**Zond** 1 space probe  
**Zond** 2 space probe  
**Zond** 3 space probe  
**Zond** 4 space probe  
**Zond** 5 space probe  
**Zond** 6 space probe  
**Zond** 7 space probe  
**Zond** 8 space probe  
**Zond** space probes
- Gutenberg **zone**  
heat affected **zone**  
Panama Canal **Zone**  
pelagic **zone**  
Coastal **Zone** Color Scanner  
**zone** melting  
**zone** refining  
*use* zone melting  
**zones**  
*use* regions
- anomalous temperature **zones**  
auroral **zones**  
Brillouin **zones**  
float **zones**  
inshore **zones**  
*use* beaches
- intertropical convergent **zones**  
liquid plus solid **zones**  
*use* mushy zones
- mushy **zones**

null **zones**  
recovery **zones**  
    **zoology**  
    **zoom** lenses  
    **zooplankton**  
    **ZPR** reactors  
        *use* zero power reactors

**Zuni** rocket vehicle  
**Zvezda** Service Module  
    *use* Service Module (ISS)  
**zwitterionic** compounds  
    *use* zwitterions  
**zwitterions**  
**zygotes**

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