

**Numeric Index
to the Subject Categorization Guide
for Defense Science and Technology**

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Defense Technical Information Center

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Aeronautics
Aeroservoelasticity
Aircraft models
Airspeed
Attitude (Inclination)
Bodies
Buffeting
Captive flight
Configurations
Cruciform configurations
Descent
Engineering
Envelope (Space)
Flared afterbodies
Flight envelope
Flight loads
Flight testing
Flutter simulators
Free flight
Free flight models
Glide slope
Gliding
Ground roll (Aeronautics)
Kiting
Leveling
Lift
Lift to drag ratio
Maneuverability
Maneuvers
Medium altitude
Powered lift
Slender bodies
Slewing
Supersonic wind tunnels
Tracks (Aerodynamics)
Transition flight
Trim (Aerodynamics)
Turning (Maneuvering)
Twist (Aerodynamics)
Unsteady aerodynamics
Wind stress
Wind tunnel models
Wind tunnel nozzles
Wind tunnel tests
Wind tunnels
Wing body configurations

01/02 Military Aircraft Operations

Aeronautical engineering
Air space
Air towed

Air traffic
Airborne
Aircraft fires
Aircraft interception
Aircraft landings
All weather aviation
Angle of attack
Approach
Army aviation
Aviation accidents
Aviation safety
Avoidance
Bailout
Bird strikes
Carrier landings
Catapults
Climbing
Collision avoidance
Crash landings
Ditching
Ferrying missions
Flareout
Flight
Flight maneuvers
Flight paths
Flight simulation
Flight simulators
Flight speeds
Flight training
Formation flight
Ground speed
Hovering
Hypersonic flight
Inflight
Instrument flight
Instrument landings
Landing
Level flight
Marine Corps aviation
Military aircraft operations
Missions
Multimission
Multiple operation
Nap of the Earth flight
Naval aviation
Night flight
Night landings
Nonpowered flight
Operation
Overflight
Parachute descents
Parachute jumping
Paths
Pressure pattern flight
Pursuit courses

Refueling
Refueling in flight
Sideslip
Stalling
Subsonic flight
Supersonic flight
Takeoff
Taxiing
Traffic
Transmeridian flights
Transonic flight
Turning flight
Velocity
Vertical landings
Visual flight rules

01/03 Aircraft

Aerial propellers
Aerial rudders
Aerodynamic control surfaces
Aerodynamic slots
Aeronautical booms
Ailerons
Air brake flaps
Aircraft
Aircraft antennas
Aircraft cabins
Aircraft canopies
Aircraft carburetors
Aircraft control cables
Aircraft design
Aircraft doors
Aircraft engine cowlings
Aircraft engine ducts
Aircraft engine heaters
Aircraft engines
Aircraft equipment
Aircraft heaters
Aircraft lofting
Aircraft maintenance
Aircraft markings
Aircraft models
Aircraft noses
Aircraft panels
Aircraft protuberances
Aircraft searchlights
Aircraft seats
Aircraft tires
Aircraft turrets
Airfoils
Airframes
Airworthiness
All wing aircraft
Amphibious aircraft
Army aircraft
Aspect ratio

Avionics
Blade airfoils
Canard configuration
Canopies
Carrier based aircraft
Circular wings
Coast Guard aircraft
Cockpits
Composite aircraft
Composite wings
Conical wings
Control surfaces
Controllable pitch propellers
Controlled configured vehicles
Counterrotating propellers
Cranked wings
Crashworthiness
Cruciform wings
Delta wings
Downed aircraft
Ejection seats
Electronic aircraft
Elevators
Elevons
Engine components
Engine mounts
Engine nacelles
Engines
Exhaust fairings
External store separation
External stores
Fixed wing aircraft
Flaps (Control surfaces)
Floating wings
Folding wings
Fuselages
Glide vanes
Guide vanes
Horizontal stabilizers
Hubs
Jet aircraft
Jet flaps
Jettisonable cockpits
Jettisonable equipment
Landing gear
Landing gear doors
Landing lights
Leading edge flaps
Leading edges
Lifting bodies
Lifting surfaces
Low drag airfoils
Marine Corps aircraft
Military aircraft
Nacelles
Naval aircraft

Nose wheels
Pilot seats
Pressurized cabins
Preventive maintenance
Propeller cuffs
Propeller hubs
Ring wings
Rotary wings
Rotor blades (Rotary wings)
Seaplane floats
Seaplanes
Skis
Slotted flaps
Spars
Split flaps
Spoilers
Suction slots
Supercritical airfoils
Supercritical wings
Supersonic aircraft
Supersonic airfoils
Swept wings
Sweptback wings
Sweptforward wings
Tactical aircraft
Tail assemblies
Tail wheels
Tailless aircraft
Tails (Aircraft)
Thick wings
Thin wings
Tilt wing aircraft
Tilt wings
Trailing control surfaces
Trailing edges
Transonic aircraft
Transonic airfoils
Transparent panels
Trim tabs
Ultralight aircraft
Unidentified flying objects
Variable incidence wings
Variable sweep wings
Varying sweep wings
Vertical stabilizers
Vortex generators
Water based aircraft
Wing boxes
Wing inlets
Wing slots
Wing tips
Wings
Yawed wings

01/03/01 Helicopters

Antitorque rotors

Attack helicopters
Autogyro rotors
Autogyros
Folding helicopter rotors
Helicopter engines
Helicopter hoists
Helicopter rotors
Helicopters
Jet helicopter rotors
Reverse velocity rotors
Rotary wing aircraft
Tail helicopter rotors
Tail rotors
Telescoping rotors

01/03/02 Bombers

Attack bombers
Bomb bay doors
Bomb bays
Bomber aircraft
Bombers
Fighter bombers
Jet bombers

01/03/03 Attack and Fighter Aircraft

Air superiority fighters
Antisubmarine aircraft
Attack aircraft
Attack and fighter aircraft
Attack bombers
Attack helicopters
Fighter aircraft
Fighter bombers
Gunships
Interceptors
Jet fighters

01/03/04 Patrol and Reconnaissance Aircraft

Airborne early warning
Airborne warning and control systems
Drone control aircraft
Observation aircraft
Patrol aircraft
Patrol and reconnaissance aircraft
Reconnaissance aircraft
Surveillance drones
Towing aircraft
Utility aircraft
Weather reconnaissance aircraft

01/03/05 Transport Aircraft

Flying boat hulls
Flying boats
Jet flying boats
Jet seaplanes

Jet transport aircraft
Tanker aircraft
Transport aircraft

01/03/06 Training Aircraft

Jet training aircraft
Training aircraft

01/03/07 V/STOL

Convertible planes
Short takeoff aircraft
Tilt rotor aircraft
V/STOL
Vertical takeoff aircraft

01/03/08 Gliders and Parachutes

Canopies
Cargo parachutes
Drogue parachutes
Gliders
Parachute canopies
Parachute descents
Parachute packs
Parachutes
Parafoils
Parawings
Ribbon parachutes
Ripcords
Rotorchutes
Sailwings
Shroud rings
Spin recovery parachutes
Towed aircraft

01/03/09 Civilian Aircraft

Antitorque rotors
Civilian aircraft
Commercial aircraft
Folding helicopter rotors
General aviation aircraft
Helicopter engines
Helicopter hoists
Helicopter rotors
Helicopters
Jet flying boats
Jet helicopter rotors
Jet seaplanes
Jet transport aircraft
Passenger aircraft
Supersonic transports
Tail helicopter rotors
Transport aircraft

01/03/10 Pilotless Aircraft

Drones
Pilotless aircraft

Remotely piloted vehicles
Surveillance drones
Target drones

01/03/11 Lighter-than-air Aircraft

Airship antennas
Airship envelopes
Airships
Balloon equipment
Balloons
Balloonsondes
Dirigibles
Gondolas
Lighter than air aircraft
Meteorological balloons
Powered balloons

01/03/12 Research and Experimental Aircraft

Aerospace craft
Aerospace test vehicles
Aerospaceplanes
Captive airspace craft
Flying platforms
Hypersonic aircraft
Hypersonic test vehicles
Hypersonic vehicles
Parasite aircraft
Ramjet test vehicles
Research aircraft
Research and experimental aircraft
Rocket aircraft
Supersonic test vehicles
Test vehicles
Variable stability aircraft

01/04 Flight Control and Instrumentation

Adaptive control systems
Aircraft flight instrumentation
Airspeed indicators
Altimeters
Altitude controllers
Angle of attack indicators
Approach indicators
Astrionics
Attitude control systems
Attitude indicators
Automatic pilots
Control panels
Control sticks
Controlled configured vehicles
Course indicators
Driftmeters
Flight control systems
Flight instruments

Flight recorders
Flight speed indicators
Fly by tube control
Fly by wire control
Ground position indicators
Ground speed indicators
Gyro stabilizers
Horizontal indicators
Ice formation indicators
Instrument dials
Instrument panels
Landing aids
Radio altimeters
Rate of climb indicators
Rate of descent indicators
Stall warning indicators
Vertical speed indicators
Yawmeters

01/05 Terminal Flight Facilities

Air control centers
Air facilities
Air traffic control terminal areas
Aircraft tractors
Airport control towers
Airport radar systems
Airports
Approach lights
Aprons
Arresting gear
Crash vehicles
Facilities
Ground support equipment
Hangars
Helipads
Heliports
International airports
Landing aids
Landing fields
Landing mats
Landing pads
Naval air stations
Refueling
Runways
Taxiways
Terminal flight facilities

01/06 Commercial and General Aviation

Air space
Air traffic
Air transportation
Aircraft fires
Aircraft landings
All weather aviation
Approach
Aviation accidents

Aviation safety
Avoidance
Bailout
Civil aviation
Climbing
Collision avoidance
Commercial aviation
Crash landings
Descent
Ditching
Flight
Flight maneuvers
Flight paths
Flight simulation
Flight simulators
Flight speeds
Ground speed
Hovering
Inflight
Instrument flight
Instrument landings
Landing
Level flight
Nap of the Earth flight
Night flight
Night landings
Nonpowered flight
Paths
Passengers
Pressure pattern flight
Sideslip
Stalling
Subsonic flight
Supersonic flight
Takeoff
Taxiing
Traffic
Transatlantic flights
Transmeridian flights
Transonic flight
Turning flight
Velocity
Visual flight rules

02 Agriculture

Agriculture

02/01 Agricultural Chemistry

Agent Orange
Agricultural chemistry
Allethrin
Animal feeds
Biocides
Chemurgy
Chlordane
Composts

DDT
Dioxins
Fertilizers
Fumigants
Fungicides
Herbicides
Insect control
Insect repellents
Insecticides
Molluscicides
Pesticides
Resmethrin
Soil pollution
Soil tests
Sporontocides

02/02 Agricultural Economics

Agricultural economics
Crop production control
Crop surveys
Farm subsidies
Farm surpluses

02/03 Agricultural Engineering

Irrigation systems
Rain erosion
Soil conservation
Soil erosion
Soil sampling
Soil science
Soil stabilization
Water conservation
Water erosion
Water resources
Water supplies

02/04 Agronomy, Horticulture and Aquiculture

Agronomy
Alfalfa
Aquiculture
Barley
Bean plants
Biocides
Biological insect control
Biological weed control
Dairy equipment
Defoliation
Farm crops
Farms
Fisheries
Gardens
Greenhouses
Horticulture
Hydroponics
Insect control

Marine farming
Nurseries
Orchards
Peanut oil
Plant propagation
Planting
Rice paddies
Seeds
Soil sampling
Sorghum
Tobacco plants
Vegetable oils
Vineyards
Weed control

02/05 Animal Husbandry and Veterinary Medicine

Animal diseases
Animal husbandry
Breeding
Germ free animals
Laboratory animals
Livestock
Poultry
Veterinary diseases
Veterinary medicine

02/06 Forestry

Fire extinguishing agents
Fire fighting
Fire prevention
Fire suppression
Forest fires
Forestry
Forests
Pulp mills
Reforestation
Silviculture
Tree canopy
Tree ring analysis

03 Astronomy and Astrophysics

Space sciences

03/01 Astronomy

Almanacs
Asteroids
Astronomical bodies
Astronomical cameras
Astronomical instruments
Astronomical observatories
Astronomy
B type stars
Binary stars
Black holes

Cassegrain telescopes
Coelostats
Comets
Constellations
Cosmic dust
Cosmic ray telescopes
Day
Deep space
Dwarf stars
Earth (Planet)
Eclipses
Galaxies
Gravity
Infrared stars
Infrared telescopes
Interplanetary space
Jupiter (Planet)
Lunar eclipses
Mars (Planet)
Mercury (Planet)
Meteorites
Meteoroids
Meteors
Moon
Moonlight
Nebulae
Neptune (Planet)
Night
Night sky
Novae
Occultation
Outer planets
Outer space
Physical sciences
Planetary satellites
Planetology
Planets
Pluto (Planet)
Pulsars
Quasars
Radio sources (Astronomy)
Radio telescopes
Saturn (Planet)
Solar eclipses
Solar observatories
Solar system
Sources
Space objects
Spherical astronomy
Stars
Stellar eclipses
Sun
Sunrise
Sunset
Supernovae
Uranus (Planet)

Variable stars
Venus (Planet)
Wolf Rayet stars

03/02 Astrophysics

Albedo (Astronomy)
Astrogeology
Astrophysics
Black holes
Chromosphere
Coronal mass ejections
Cosmic rays
Cosmology
Cycles
Earthshine
Evolution (General)
Extraterrestrial radiation
Extraterrestrial radio waves
Extraterrestrial topography
Galactic cosmic rays
Gamma rays
Gravitational fields
Interstellar matter
Interstellar space
Lunar crust
Lunar environment
Lunar geology
Lunar topography
Photosphere
Planetary atmospheres
Radar astronomy
Radiation
Radiation belts
Radio astronomy
Radio sources (Astronomy)
Radiofrequency spectroscopy
Solar activity
Solar atmosphere
Solar corona
Solar cosmic rays
Solar cycle
Solar disturbances
Solar energy
Solar flares
Solar physics
Solar radiation
Solar radio maps
Solar spectrum
Solar structure
Solar ultraviolet radiation
Solar wind
Solar x rays
Sources
Space charge
Space environments
Spectroheliographs

Starlight
Stellar atmospheres
Stellar evolution
Sunlight
Sunspots
Tektite
Terrestrial radiation
X ray astronomy
Zodiacal light

03/03 Celestial Mechanics

Almanacs
Apogee
Celestial mechanics
Circumlunar trajectories
Earth orbits
Eclipses
Elliptical orbit trajectories
Ephemerides
High orbit trajectories
Inclined orbit trajectories
Interplanetary trajectories
Lunar eclipses
Lunar trajectories
N body problem
Occultation
Orbits
Parking orbit trajectories
Paths
Perigee
Perihelion
Solar eclipses
Solar orbits
Stellar eclipses
Transfer trajectories

04 Atmospheric Sciences

Atmospheric sciences

04/01 Atmospheric Physics

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Air
Airglow
Albedo
Atmosphere models
Atmospheric attenuation
Atmospheric chemistry
Atmospheric density
Atmospheric electricity
Atmospheric heave
Atmospheric motion
Atmospheric physics
Atmospheric refraction
Atmospheric scattering

Atmospheric sounding
Atmospheric tides
Atmospheric windows
Attenuation
Aurorae
Condensation trails
D region
Dawn chorus
Daylight
E region
Earth atmosphere
Electrojets
Endoatmosphere
Exosphere
F region
Gegenschein
Greenhouse effect
Ionograms
Ionosondes
Ionosphere
Ionospheric chemistry
Ionospheric disturbances
Ionospheric models
Ionospheric modification
Ionospheric scintillations
Low light levels
Magnetosphere
Mesopause
Mesosphere
Noctilucent clouds
Ozone depletion
Ozone layer
Physical sciences
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Polar cap absorption
Rarefied atmospheres
Sky
Sky brightness
Spread F
Stratosphere
Thermosphere
Tracer studies
Tropopause
Troposphere
Twilight
Upper atmosphere
Van Allen Radiation Belt
Wind stress

04/02 Meteorology

Air mass analysis
Air masses
Air pressure
Air water interactions
Almanacs
Anemometers

Anticyclones
 Artificial precipitation
 Atmosphere models
 Atmospheres
 Atmospheric condensation
 Atmospheric density
 Atmospheric disturbances
 Atmospheric motion
 Atmospheric precipitation
 Atmospheric sounding
 Atmospheric temperature
 Autumn
 Barometers
 Barometric pressure
 Ceiling
 Cirrus clouds
 Clear air turbulence
 Clear weather
 Climate
 Climatology
 Cloud cover
 Cloud height indicators
 Cloud physics
 Cloud seeding
 Clouds
 Cold fog
 Cold fronts
 Cold weather
 Cold weather operations
 Condensation
 Condensation nuclei
 Convection (Atmospheric)
 Convergence zones
 Coriolis effect
 Crosswinds
 Cumulonimbus clouds
 Cumulus clouds
 Cyclogenesis
 Cyclones
 Dew
 Dew point
 Dropsondes
 Drought
 Dust
 Dust clouds
 Dust storms
 Earth atmosphere
 Endoatmosphere
 Environments
 Fleet weather central
 Fog
 Fog dispersal
 Fronts (Meteorology)
 Frost
 Geostrophic wind
 Gusts
 Hail
 Haze
 High humidity
 Hot weather
 Hot wire anemometers
 Humidity
 Hurricane tracking
 Hurricanes
 Hydrometeors
 Hygristors
 Hygrometers
 Hypsometers
 Ice fog
 Ice forecasting
 Interactions
 Isobars (Pressure)
 Isotherms
 Jet streams
 Lapse rate
 Laser anemometers
 Lightning
 Low humidity
 Low temperature
 Marine atmospheres
 Marine climatology
 Marine meteorology
 Meteorological balloons
 Meteorological charts
 Meteorological data
 Meteorological instruments
 Meteorological parameters
 Meteorological phenomena
 Meteorological radar
 Meteorological satellites
 Meteorology
 Microbarometric waves
 Microclimatology
 Micrometeorology
 Mist
 Monsoons
 Natural disasters
 Nimbostratus clouds
 Noctilucent clouds
 Particle size
 Particles
 Particulates
 Precipitation
 Pyrheliometers
 Radar meteorology
 Radiosondes
 Rain
 Rain gages
 Raindrops
 Rainfall
 Rainfall intensity
 Rossby waves

Sea breeze
Seasonal variations
Seasons
Snow
Sounding rockets
Spring season
Storms
Stratus clouds
Summer
Synoptic meteorology
Temperature inversion
Thunderstorms
Tornadoes
Tropical cyclones
Tropopause
Troposphere
Troughs
Typhoons
Velocity
Vertical gust recorders
Water vapor
Weather
Weather communications
Weather forecasting
Weather modification
Weather reconnaissance aircraft
Weather stations
Wet bulb temperature
Whiteout
Wind
Wind chill
Wind direction
Wind direction indicators
Wind shear
Wind velocity
Winter
Yawsondes

05 Behavioral and Social Sciences

Social sciences

05/01 Administration and Management

Accountability
Accounting
Accumulation
Advisory activities
Air Force budgets
Army budgets
Auditing
Awards
Benefits
Budget estimates
Budgets
Business process reengineering
Cancellation

Case studies
Centralized
Collaborative techniques
Collaborative virtual prototyping
Collection
Comptrollers
Concurrent engineering
Configuration management
Consulting services
Consumer problems
Contract administration
Contract proposals
Contracted services
Contracts
Costs
Crisis management
Critical path methods
Customer services
Decentralization
Decision aids
Decision making
Design to cost
Determination
Downtime
Engineering
Federal budgets
Gantt charts
High costs
Holism
Incentive contracts
Industrial procurement
Job shop scheduling
Lead time
Leadership
Life cycle management
Management
Management analysis
Management benchmarking
Management engineering
Management information systems
Management planning and control
Management training
Metrics
Military budgets
Naval budgets
Network analysis (Management)
Nowcasting
Office equipment and supplies
Organization theory
Organizational realignment
Organizations
Outsourcing
Panel (Committee)
Participative management
PERT
Petri nets

Planning
Planning programming budgeting
Privatization
Production control
Production rate
Project management
Public relations
Regional planning
Research management
Resource management
Risk analysis
Scheduling
Scientific organizations
Selection
Shutdowns
Site investigations
Site selection
Solutions (General)
Stockpiles
Stopping
Supervision
Systems approach
Systems engineering
Systems management
Technology assessment
Technology forecasting
Timeliness
Total quality management
Training management
User needs
VAMOSOC
Vendors
Waiver
Work elements

05/02 Information Science

Abstracts
Almanacs
Alphabets
Alphanumeric data
Announcement bulletins
Archives
Bibliographies
Biographies
Biomedical information systems
Books
Catalogs
Chemical information systems
Classification
Classified materials
Combat information centers
Commonality
Copyrights
Corporate information management
Corrections
Data acquisition

Data bases
Data fusion
Data mining
Data sets
Dictionaries
Directives
Directories
Document management
Documents
Editing
Encyclopedias
Files (Records)
Film readers
Forms (Electronic)
Forms (Paper)
Geographical information systems
Handbooks
Hard copy
Hierarchies
Identification
Index terms
Indexes
Information assurance
Information centers
Information exchange
Information processing
Information retrieval
Information sciences
Information security
Information systems
Information transfer
Information warfare
Instruction manuals
Intelligibility
Journalism
Knowledge management
Legibility
Libraries
Library science
Literature surveys
Manuals
Media
Menu
Metadata
Microform
Militarily critical technologies
Military critical technology
Military publications
Mission area analysis
Newspapers
Ontology
Optical character recognition
Patent applications
Patents
Periodicals
Picture badges

Postage meters
Postal service
Processing
Programming manuals
Questionnaires
Reading
Records
Records management
Relational databases
Reports
Reprints
Schematic diagrams
Scientific literature
Search engines
Security classification guides
Subject indexing
Symposia
TAB (DTIC)
Technical information centers
Technical writing
Technology assessment
Technology forecasting
Technology transfer
Text processing
Textbooks
Thesauri
Theses
Translations
User manuals
Vocabulary
Wikis
Word lists
Workshops
Writing

05/03 Economics and Cost Analysis

Aerospace industry
Aircraft industry
Allocations
Amortization
Automotive industry
Banking
Bankruptcy
Capital investments
Capitalism
Chemical industry
Commerce
Commercial fishing
Commodities
Compensation
Consumers
Consumption
Corporations
Cost analysis
Cost benefit analysis
Cost effectiveness

Cost estimates
Cost models
Cost overruns
Cost reduction
Costs
Demand (Economics)
Depletion
Distribution (Economics)
Econometrics
Economic analysis
Economic development
Economic forecasting
Economic geology
Economic impact
Economic models
Economic sanctions
Economic warfare
Economics
Electrical industry
Electronic commerce
Electronics industry
Embargo
Embezzlement
Engineering
Estimates
Exchange
Exports
Feasibility studies
Finance
Financial allotment
Financial management
Fiscal policies
Forecasting
Foreign military sales
Fuel shortages
Gain
Globalization
Grants
Guarantees
High rate
Imports
Income
Indirect costs
Industries
Inflation (Economics)
Insurance
International trade
Investments
Iron industry
Leasing
Life cycle costs
Living standards
Low costs
Low rate
Machine tool industry
Macroeconomics

Maritime industry
Market research
Marketing
Money
Munitions industry
Natural resources
Obsolescence
Optics industry
Outsourcing
Paper industry
Payment
Petroleum industry
Plastics industry
Price index
Productivity
Proficiency
Profits
Real estate
Reduction
Rental equipment
Resource management
Retail
Savings
Shortages
Simplification
Social security
Steel industry
Supplies
Technology forecasting
Textile industry
Trade off analysis
Unemployment
Value
Value engineering
Viral marketing
War potential

05/04 Government and Political Science

Agreements
Arms control
Balance of power
Censorship
Civil affairs
Cold war
Communism
Communist countries
Congress
Demilitarization
Democracy
Department of Defense
Department of State
Detente
Deterrence
Developing nations
Diplomacy
Disarmament

Doctrine
Domestic
East West relations
Economic sanctions
Elections
Electronic government
European Communities
European Union
Forecasting
Foreign
Foreign aid
Foreign government
Foreign policy
Geneva Conventions
Geopolitics
Global
Government (Foreign)
Hegemony
House of Representatives
Humanitarian assistance
Immigration control
Interagency coordination
International
International politics
International relations
Local government
Mediation
Military assistance
Military doctrine
Military government
Municipalities
National energy crisis
National security
Negotiations
Patent office
Peacekeeping
Peacetime
Policies
Political alliances
Political negotiations
Political parties
Political revolution
Political science
Precursors
Public administration
Regulations
Revenue sharing
Senate
Socialism
State government
Taxes
Treaties
United Nations
United States government
Warsaw Pact countries
Western security (International)

Zionism

05/05 Sociology and Law

Administrative law
African Americans
Africans
Age distribution
Aircraft hijacking
American Indians
Anthropology
Arab guerrillas
Arabs
Assimilation
Backlash
Bias
Blacks (Racial group)
Bribery
Burglary
Case law
Caucasians
Census
Churches
Civic action
Civil disturbances
Civilian population
Commercial law
Communities
Community relations
Computer crimes
Constitutional law
Crimes
Criminal corruption
Criminal investigations
Criminal justice system
Criminology
Cross culture (Sociology)
Cultural differences
Cultural resources
Culture
Culture awareness
Delinquency
Demography
Deprivation
Discrimination
Distribution
Domestic violence
Drug interdiction
Drug smuggling
Drug users
Egyptians
Elderly
Environmental law
Ethics
Ethnic groups
Ethnography
Families (Human)

Family members
Federal law
Filipinos
Fingerprint recognition
Food stamps
Forensic analysis
Fratricide
Gambling
Gender discrimination
Genocide
Hispanics
Homicide
Housing projects
Human relations
Identity theft
Immigration
Indigenous population
Infringement
Inhabitants
Inhibition
International law
Interpersonal relations
Intervention
Interviewing
Israelis
Jews
Kidnappings
Law enforcement
Legal defense
Legislation
Literacy
Litigation
Majorities
Marriage
Military law
Military police
Military tribunals
Minorities
Mortality rates
Negroes
Palestinians
Penalties
Penology
Police
Population
Prisoners
Prisons
Public opinion
Punishment
Race (Anthropology)
Race relations
Racial discrimination
Rehabilitation
Residential section
Riot control
Rural areas

Segregation (Sociology)
Smuggling
Social communication
Social deprivation
Social welfare
Societies
Sociology
Sociometrics
State law
Theft
Underdeveloped areas
Urban areas
Youth

05/06 Humanities and History

Adaptive training
Archaeology
Architecture
Artifacts
Audiovisual aids
Civil war (United States)
Computer aided instruction
Computer applications
Consortiums
Courses (Education)
Cultural resources
Day Care facilities
Distance learning
Education
First World War
Handwriting
Historic sites
History
Holism
Humanities
Individualized training
Industrial training
Instructional materials
Instructions
Islam
Job training
Journalism
Leadership training
Lectures
Mesozoic era
Military history
Museums
Music
Ontology
Philosophy
Programmed instruction
Religion
Retraining
Scenarios
Schools
Science fairs

Scientific expeditions
Teaching machines
Teaching methods
Training
Training devices
Training films
Training management
United States Air Force Academy
United States Coast Guard Academy
United States Military Academy
United States Naval Academy
Universities
Visual aids
Writing

05/07 Linguistics

Abbreviations
Alphabets
Analogies
Arabic language
Bulgarian language
Chinese language
Computational linguistics
Context free grammars
Context sensitive grammars
Czech language
Dialects
Dutch language
English language
Foreign languages
French language
German language
Grammars
Hungarian language
Intelligibility
Interpreters
Italian language
Japanese language
Language
Language translation
Lexicography
Linguistics
Machine translation
Morphemes
Morphology
Natural language
Norwegian language
Parsers
Phonemes
Phonetics
Phrase structure grammars
Polish language
Psycholinguistics
Reading
Russian language
Semantics

Serbocroatian language
Spanish language
Speech
Speech analysis
Speech pathology
Speech representation
Swedish language
Syllables
Symbols
Syntax
Transformational grammars
Translations
Translators
Unicode
Vietnamese language
Vowels
Word recognition
Words (Language)

05/08 Psychology

Abnormal psychology
Achievement tests
Adjustment (Psychology)
Alcoholism
Ambiguity
Amnesia
Amnesic aphasia
Anxiety
Aphasia
Applied psychology
Aptitude tests
Aptitudes
Attention
Attitudes (Psychology)
Awareness
Backlash
Behavior
Behavioral science
Biofeedback
Boredom
Brainwashing
Clinical psychology
Cognition
Cognitive impairment
Competition
Comprehension
Conditioned reflex
Conditioned response
Conditioning (Learning)
Confined environments
Confinement (General)
Confinement (Psychology)
Conflict
Confrontation
Consciousness
Cooperation

Counseling
Creativity
Defense mechanisms (Psychology)
Development tests
Developmental psychology
Dreams
Emotions
Exhaustion (Psychological)
Experimental psychology
Fear
Food deprivation
Frustration
Group dynamics
Group therapy
Habits
Habituation learning
Homosexuality
Hypnosis
Illusions
Industrial psychology
Inference
Insomnia
Intelligence
Intelligence (Humans)
Intelligence tests
Interpersonal relations
Isolation
Judgment (Psychology)
Learning
Learning curves
Learning disabilities
Lessons learned
Lie detectors
Losses
Maturation
Memory (Psychology)
Mental ability
Mental disorders
Mental health
Military psychology
Mnemonics
Morale
Motivation
Motor reactions
Neuroses
Parapsychology
Peer groups
Perception (Psychology)
Performance (Human)
Performance tests
Personality
Personality tests
Pheromones
Pitch discrimination
Positioning reactions
Post Traumatic Stress Disorder (PTSD)

Problem solving
Proficiency
Projective techniques
Propaganda
Proprioception
Psychoacoustics
Psychological laboratories
Psychological operations
Psychological tests
Psychology
Psychometrics
Psychomotor tests
Psychophysics
Psychophysiology
Psychoses
Punishment
Quenching (Inhibition)
Quick reaction
Reaction (Psychology)
Reaction time
Reasoning
Recall
Response
Retention (Psychology)
Roles (Behavior)
Schizophrenia
Sensory deprivation
Situational awareness
Social psychology
Space perception
Stimuli
Stress (Psychology)
Test construction (Psychology)
Threats
Verbal behavior
Vigilance
Word association

05/09 Personnel Management and Labor Relations

Absenteeism
Accountability
Administrative personnel
Aerial gunners
Air Force personnel
Air traffic controllers
All volunteer
Amputees
Analysts
Anesthesiologists
Apprenticeship
Aquanauts
Arbitration
Archaeologists
Architects
Army personnel

Assemblers
Assistive technology
Astronauts
Astronomers
Attorneys
Attrition
Audiologists
Automotive engineers
Aviation personnel
Aviation technicians
Bargaining
Billets
Billets (Personnel)
Biologists
Blood donors
Cadets
Cardiac patients
Cardiologists
Careers
Chaplains
Chemists
Civilian personnel
Coast Guard personnel
Computer operators
Computer personnel
Contractors
Corporate downsizing
Crews
Criminals
Day Care facilities
Debriefing
Dental personnel
Dentists
Dieticians
Diplomats
Disbursements
Divers
Donors (Medicine)
Drivers (Personnel)
Drug users
Electronic technicians
Employee relations
Employment
Enemy personnel
Engineers
Enlisted personnel
Environmental psychologists
Equal employment opportunity
Executives
Field grade officers
Figure of merit
Flight crews
Flight surgeons
Food handlers
Food service personnel
Forward observers

Foreign Service officers
Fringe benefits
General officers
Government employees
Grade structure (Personnel management)
Graduates
Ground crews
Guided missile personnel
Gunnery
Handicapped persons
Health
Historians
Hostages
Human factors engineers
Human resources
Illegal immigrants
Immigrants
Immunologists
Industrial personnel
Industrial relations
Infantrymen
Instructors
Interns
Interviewing
Israeli commandos
Job analysis
Job satisfaction
Jobs
Journeyman level
Labor
Labor markets
Labor unions
Law enforcement officers
Librarians
Maintenance personnel
Management personnel
Manhours
Manned
Manpower
Manpower utilization
Marine architects
Marine Corps personnel
Marine engineers
Measurement
Mediation
Medical personnel
Medical technicians
Meteorologists
Metrics
Military advisors
Military commanders
Military dependents
Military engineers
Military occupational specialties
Military personnel
Military separation

Military surgeons
Motor vehicle operators
Naval personnel
Navigator bombardiers
Navigators
Negotiations
Noncommissioned officers
Nurses
Observers
Oceanographers
Office personnel
Officer personnel
Oncologists
Operators (Personnel)
Ophthalmologists
Parachutists
Paramedics
Paratroopers
Passengers
Pathologists
Patients
Performance appraisals
Personnel
Personnel development
Personnel management
Personnel retention
Personnel selection
Pharmacists
Photointerpreters
Physical fitness
Physicians
Physicists
Physiologists
Pilots
President (United States)
Prisoners of war
Proficiency
Programmers
Promotion (Advancement)
Psychologists
Qualifications
Radar operators
Radar trainers
Radio operators
Radiologists
Ratings
Recruiters
Recruiting
Recruits
Reenlistment
Refugees
Retirement
Retirement (Personnel)
Salaries
Scientists
Scuba divers

Security personnel
Selection
Semiskilled personnel
Sexual harassment
Ship personnel
Skills
Snipers
Sonar personnel
Space crews
Specialists
Specialization
Students
Submarine personnel
Supervisors
Surgeons
Swimmers
Tank crews
Teams (Personnel)
Technicians
Telecommuting
Teleoperators
Telework
Time studies
Toxicologists
Trainees
Training
Training management
Transfer of training
Travel time
Unskilled personnel
Unskilled workers
Utilization
Veterans (Military personnel)
Vocational guidance
Volunteers
Work functions
Work measurement
Workload

06 Biological and Medical Sciences

Life sciences

06/01 Biochemistry

Acetates
Acetylcholinesterase
Acid phosphatase
Acids
Adenosine phosphates
Adenyl cyclase
Adrenal cortex hormones
Adrenal medulla hormones
Adrenocorticotrophic hormone
Agglutination
Agglutinins
Alanines

Albuminoids
Albumins
Aldehyde lyases
Aldoses
Aldosterone
Alginic acid
Alkyl transferases
Alpha globulin
Amide hydrolases
Amino acids
Aminotransferases
Androgens
Anthoxanthin pigments
Antibodies
Antigen antibody reactions
Antigens
Antioxidants
Arabinose
Ascorbic acid
B lymphocytes
Bacteriorhodopsin
Bile
Bile pigments
Bilirubin
Bioassay
Biochemical oxygen demand
Biochemical reactivation
Biochemistry
Biodegradation
Biodeterioration
Biological extracts
Biological stains
Biological tissue preservation
Bioluminescence
Biomass conversion
Biomolecules
Biosonar
Biosynthesis
Blood chemistry
Blood groups
Blood plasma
Blood plasma substitutes
Blood platelets
Blood preservatives
Blood proteins
Blood serum
Blood substitutes
Calcitonin
Carbohydrates
Carbon carbon lyases
Carbon oxygen lyases
Carbonic anhydrase
Carboxy lyases
Carboxyl groups
Carboxylic ester hydrolases
Cardiac glycosides

Carotenoids	Ferredoxin
Casein	Ferritin
Catalase	Fibrin
Cellulase	Fibrinogen
Cellulose	Fibrinolysis
Chalones	Fibroin
Chelation	Fructoses
Chemotaxis	Fungus deterioration
Chitin	Galactose
Chlorophylls	Gamma globulin
Cholesterol	Gastric juice
Cholesteryl esters	Gastrin
Choline acetyltransferase	Gelatin
Cholinesterase	Globulins
Chondroitin	Glucagon
Chromoproteins	Glucanases
Chymotrypsin	Glucose
Clostridiopeptidase A	Glutaminase
Coenzymes	Glutamine
Collagen	Glutathione
Collagenase	Gluten
Conversion	Glycerolization
Creatine	Glycinin
Creatine phosphokinase	Glycogen
Creatinine	Glycoproteins
Cryoprotective agents	Glycosidases
Cytochemistry	Glycoside hydrolases
Cytochrome oxidase	Glycosides
Cytokines	Gonadotropins
Decay	Granulocytes
Decomposition	Growth substances
Deficiencies	Guanosine
Degradation	Haptoglobins
Dehydrogenases	Hemoglobin
Deoxygenation	Hemolysins
Deoxyribonucleic acids	Hexamethonium compounds
Deterioration	Hexokinase
Dextran	Hexoses
Dextranucrase	Histones
Dextrins	Hormones
Diamine oxidase	Hyaluronate lyase
Disaccharides	Hydro lyases
Discoloration	Hydrolases
Egg albumin	Hypermetabolism
Enantiomers	Hypocapnia
Endorphins	Immunity
Enzyme chemistry	Immunoblocking antibodies
Enzyme inhibitors	Immunochemistry
Enzyme precursors	Immunogens
Enzymes	Immunoglobulins
Esterases	Insulin
Estrogens	Integrins
Eye pigments	Isomerases
Fats	Isozymes
Fatty acid esters	Keratinization
Fatty acids	Ketoacid lyases

Kinetoplast
Lactic dehydrogenase
Lactose
Leukocytes
Levarterenol
Lignin
Lipids
Lipophilia
Lipopolysaccharides
Lipoproteins
Liposomes
Luciferase
Lyases
Lymphocytes
Lysis
Malonates
Malonic acid
Mannitol
Mannose
Melanin
Melatonin
Metabolism
Metabolites
Methemoglobin
Methionine
Microsomes
Mitochondria
Monoamine oxidase
Monoclonal antibodies
Monosaccharides
Mucin
Mucolytic enzymes
Mucopolysaccharides
Muramidase
Muscle proteins
Myoglobin
Myosin
Neuraminic acid
Nicotinic acid
Nitrosamines
Nuclease
Nucleic acid components
Nucleic acids
Nucleoproteins
Nucleosides
Nucleotides
Nucleotidyl transferases
Nutrients
Octanoic acid
Oleates
Oleic acid
Oponins
Organic pigments
Osmosis
Osmotic pressure
Oxidoreductases

Oxycellulose
Pancreatic hormones
Papain
Parathyroid hormones
Pectins
Penicillin acylase
Penicillinase
Pentoses
Pepsins
Peptide hydrolases
Peptides
Peptones
Peroxidases
Phosphatases
Phosphate dehydrogenase
Phosphodiesterase
Phosphogluconate dehydrogenase
Phospholipids
Phosphoproteins
Phosphoric monoester hydrolases
Phosphorus transferases
Phosphorylases
Photosynthesis
Phytotoxins
Pituitary hormones
Plant hormones
Plasmin
Polyclonal antibodies
Polysaccharides
Porphyrins
Progesterone
Prolactin
Prolamines
Properdin
Propiolactones
Propionates
Propionic acid
Prostaglandin
Protamines
Proteins
Proteins (Conjugated)
Proteins (Derived)
Proteins (Simple)
Proteomics
Prothrombin
Purines
Pyridoxines
Pyruvates
Pyruvic acid
Racemases and epimerases
Radioimmunity
Recombinant DNA
Renin
Ribonuclease
Ribonucleotides
Ribose

Ribosomes
Ricin
Saccharidases
Saccharide phosphates
Saponification number
Serum albumin
Serum globulin
Serum proteins
Serum triglycerides
Sex hormones
Sialic acids
Starches
Stearates
Stearic acid
Stilbestrol
Subcutaneous tissue
Sucrose
Sugar alcohols
Sugars
Superoxide dismutase
T lymphocytes
Tartrates
Testosterone
Thiamines
Thiobarbituric acid
Thrombin
Thromboplastin
Thymidines
Thyroglobulin
Thyroid hormones
Thyrotropin
Thyroxine
Tissue extracts
Tissue fluids
Tissue immunity
Tracer studies
Transferases
Trehalose
Trisaccharides
Trypsin
Tyrosine
Urease
Uric acid
Uridine
Urinalysis
Uronic acids
Vitamin A
Vitamin B complex
Vitamin D
Vitamin E
Vitamin K
Vitamin P
Vitamins
Xylose

06/02 Genetic Engineering and Molecular Biology

Bioinformatics
Breeding
Chromosomes
Clones
Gene expression
Gene therapy
Genes
Genetic engineering
Genetic mapping
Genetic replication
Genetic tissue identification
Genome
Genomics
Genotoxicity
Molecular biology
Mutations
Plasmids
Recombinant DNA
Transcription (Genetics)

06/03 Biology

Adolescents
Adults
Aedes
Aerobic processes
Aerobiology
Algae
Alligator weed
Amphibians
Anaerobic processes
Ancylostoma
Animal communication
Animal migrations
Animals
Annelida
Anopheles
Apes
Aplysia
Aquatic animals
Aquatic biology
Aquatic insects
Aquatic organisms
Aquatic plants
Aquatic weeds
Arachnida
Arthropoda
Ascaris
Ascomycetes
Baboons
Banana plants
Barnacles
Basidiomycetes
Bats
Bean plants

Bioacoustics
 Bioelectricity
 Biological laboratories
 Biology
 Biomechanics
 Biophysics
 Birds
 Bites and stings
 Blastomyces
 Blattidae
 Blood sucking insects
 Botany
 Bovines
 Cacao
 Candida
 Cannabis
 Carnivora
 Cats
 Cephalopoda
 Cercariae
 Cetacea
 Chickens
 Children
 Chimpanzees
 Chlorella
 Chloroplasts
 Chondrichthyes
 Cilia
 Clams
 Cobras
 Coccidioides
 Coccidioides immitis
 Coelenterata
 Coleoptera
 Coral
 Crabs
 Crustacea
 Culex
 Culicidae
 Culicoides
 Cultures (Biology)
 Cyanobacteria
 Cyclostomata
 Daphnia
 Decapoda
 Deer
 Deuteromycetes (Imperfect fungi)
 Diatoms
 Diploid cells
 Diptera
 Discomycetes
 Dissection
 Dogs
 Dolphins (Mammals)
 Domestic animals
 Drosophila
 Drosophilidae
 Ducks
 Echinodermata
 Ectoparasites
 Eels
 Eggs
 Elderly
 Embryology
 Enterobius
 Entomology
 Equines
 Ermines
 Evolution (Biology)
 Evolution (Development)
 Exfoliation
 Extinction
 Females
 Fetus
 Filariae
 Fish gills
 Fishes
 Foliage
 Formicidae
 Fouling organisms
 Frogs
 Fungi
 Fusarium
 Gastropoda
 Geese
 Genetics
 Germ cells
 Germination
 Gerontology
 Goats
 Grasses
 Guinea pigs
 Gulls
 Hamsters
 Helminthosporium
 Hemiptera
 Histoplasma
 Horses
 Humans
 Hybridization
 Hymenoptera
 Infants
 Insectivora
 Insects
 Intestinal parasites
 Invasive species (Fauna)
 Invasive species (Flora)
 Invertebrates
 Isopoda
 Isoptera
 Ixodidae
 Kelp

Larvae
Lepidoptera
Lice
Lichens
Livestock
Macaca fascicularis
Macaque monkeys
Males
Mammals
Manioc plants
Marine borers
Marsupials
Meloiodogyne
Membranes (Biology)
Mice
Microcystis
Military dogs
Minnows
Mites
Mitosis
Molds (Organisms)
Mollusca
Monkeys
Morphology (Biology)
Musca
Muscidae
Mussels
Mycology
Natural history
Nekton
Nematoda
Neonates
Nesting (Animals)
Neurobiology
Neurospora
Nocturnal animals
Nymph
Oligochaeta
Oocysts
Oomycetes
Orthoptera
Osteichthyes
Ostracoda
Ovipositor
Owl monkeys
Oysters
Palynology
Parasites
Parasitology
Pelecypoda
Penicillium (Penicillins)
Phytophthora
Phytoplankton
Pigeons
Pipelic acid
Piricularia

Plankton
Plankton blooms
Plant growth
Plant pathology
Plant roots
Plant tissue
Plants (Botany)
Plasmids
Platyhelminthes
Plectomycetes
Pollen
Polychaeta
Poppy plants
Porpoises
Poultry
Primates
Protoplasm
Psychrophilic organisms
Puccinia (Rusts)
Pulex
Pyrenomycetes
Rabbits
Rats
Rattlesnakes
Reptiles
Rhesus monkeys
Rodents
Rusts (Fungi)
Saccharomycetes
Sand fleas
Schistosoma
Schistosoma japonicum
Schistosoma mansoni
Sclerotinia
Sea urchins
Seals (Mammals)
Seeds
Sharks
Sheep
Shellfish
Shipworms
Shorebirds
Shrimp
Shrubs
Siphonaptera
Smuts (Fungi)
Snails
Snakes
Space biology
Spiders
Sponges
Spores
Squirrel monkeys
Squirrels
Starfishes
Strains (Biology)

Swans
Swim bladders
Swine
Syphacia
Systems biology
Taxonomy
Termites
Thermophilic fungus
Ticks
Tobacco plants
Transpiration
Trees
Trematodes
Trichinella
Trichuris
Trombiculid mites
Trout
Tuna
Turkeys
Turtles
Uranotaenia
Vegetation
Venomous animals
Vertebrates
Viability
Vipers
Water hyacinth
Waterfowl
Weasels
Weeds
Whales
Wildlife
Winged insects
Wolverines
Women
Worms
Wuchereria
Yeasts
Youth
Zoology
Zooplankton

06/04 Anatomy and Physiology

Abdomen
Abnormalities
Acclimatization
Active immunity
Acuity
Adaptation (Physiology)
Adipose tissue
Adrenal cortex
Adrenal glands
Afterimages
Agglutination
Aging (Physiology)
Alveolar bone

Alveoli
Amputation stumps
Anastomosis
Anatomical models
Anatomy
Angiogenesis
Antibodies
Antigen antibody reactions
Antigens
Antihemophilia
Aorta
Apoptosis
Appendages
Appetite
Arms (Anatomy)
Arteries
Ascites
Astrocytes
Auditory acuity
Auditory defects
Auditory nerve
Auditory perception
Autonomic nervous system
Axillary artery
Axon plasma
Axons
Basophils
Biceps
Bifurcation (Biology)
Bile
Bile ducts
Biliary system
Biological absorption
Biological inactivation
Biological rhythms
Biological stains
Biomagnetism
Birth
Blackout (Physiology)
Bladder (Urinary)
Blindness
Blood
Blood cells
Blood circulation
Blood coagulation
Blood gases
Blood groups
Blood plasma
Blood platelets
Blood pressure
Blood serum
Blood vessels
Blood volume
Body fluids
Body temperature
Body weight

Bone marrow
Bones
Brain
Brain stem
Bronchi
Bucca
Buttocks
Cadavers
Capillaries (Anatomy)
Carbohydrate metabolism
Cardiovascular system
Carotid artery
Cartilage
Catabolism
Cecum
Cell division
Cell structure
Cell wall
Cells (Biology)
Central nervous system
Cephalometry
Cerebellum
Cerebral cortex
Cerebrospinal fluid
Cerebrovascular system
Cerebrum
Chemoreceptors
Cholinergic nerves
Choroid plexus
Chromatin
Circadian rhythms
Cochlea
Cochlear nerve
Colon
Color vision
Connective tissue
Contraception
Contraction
Cornea
Coronary arteries
Cranial nerves
Cryobiology
Cycles
Cytology
Cytoplasm
Dark adaptation
Deafness
Death
Degeneration (Physiology)
Dental enamel
Dental pulp
Dental ridge
Dentin
Diapause
Diaphragms (Anatomy)
Digestion (Biology)

Digestive system
Dissection
Diuresis
Diurnal variations
Dormancy
Duodenum
Dura mater
Dysplasia
Ear
Electrolytes (Physiology)
Electrophysiology
Embolism
Embryos
Emesis
End organs
Endocardium
Endocrine glands
Endothelium
Eosinophils
Epidermis
Epithelium
Equilibrium (Physiology)
Erythrocytes
Erythropoiesis
Erythropoietins
Eschar
Esophagus
Estrous cycle
Excretion
Exhalation
Exoskeleton
Exposure (Physiology)
Extremities
Eye
Eye movements
Face (Anatomy)
Fascia
Fat cells
Feces
Feeding
Feet
Femoral arteries
Fertility
Fetus
Fibroblasts
Fibula
Fingernails
Fingerprints
Fingers
Flavor
Fovea
Gallbladder
Galvanic skin response
Ganglia
Gas embolism
Gas exchange (Biology)

Gastric juice
Gastrointestinal system
Germination
Gingivae
Glands
Glomeruli
Growth (Physiology)
Hair
Hands
Head (Anatomy)
Healing
Hearing
Heart
Heart rate
Heart valves
Heat production (Biology)
Hematopoiesis
Hemopoietic cells
Hemopoietic system
Hip
Hippocampus
Homeostasis
Human body
Humerus
Humoral immunity
Hybridomas
Hydrophilia
Hypermetabolism
Hypertonic
Hypothalamus
Hypothermia
Ileum
Illusions
Immunogens
Immunosuppression
In vitro analysis
In vivo analysis
Inclusions
Incubation
Inflammation
Ingestion (Physiology)
Inhalation
Integumentary system
Intercostal muscles
Intestines
Iris
Irritation
Jejunum
Joints (Anatomy)
Jugular vein
Kidneys
Knee (Anatomy)
Lacrimal glands
Larynx
Legs
Lens (Eye)

Lesions
Life cycles
Life span (Biology)
Life (Biology)
Ligaments
Lipid metabolism
Liver
Locomotion
Lung
Lymph
Lymph nodes
Lymphatic system
Macrophages
Mammary glands
Mandible
Mast cells
Mastication
Maxilla
Meiosis
Melanism
Membranes (Biology)
Menstruation
Metabolism
Metamorphosis
Microsomes
Middle ear
Mitosis
Mobility
Monocytes
Morphogenesis
Morphometry
Motor neurons
Motor reactions
Mouth
Mucous membranes
Mucus
Muscle fibers
Muscles
Musculoskeletal system
Myocardium
Nails (Tissues)
Neck (Anatomy)
Nerve blocking
Nerve cells
Nerve fibers
Nerve impulses
Nerve transmission
Nerves
Nervous system
Neural nets
Neurobiology
Neuroblasts
Neurochemical coding
Neurochemical transmission
Neuromuscular transmission
Neurophysiology

Neurotransmitters
Night vision
Nose (Anatomy)
Nuclei (Biology)
Nutrients
Obesity
Oculomotor nerve
Odors
Olfactory nerve
Oncogenesis
Ontogeny
Optic nerve
Organ of corti
Organs (Anatomy)
Orifices
Osteogenesis
Osteolysis
Ovaries
Ovulation
Oxygen consumption
Pain
Pancreas
Paranasal sinuses
Parathyroid glands
Parotid glands
Parthenogenesis
Pathophysiology
Pellicle
Pelvis
Perception
Pericardium
Peripheral nervous system
Peripheral vision
Peristalsis
Peritoneum
Perspiration
Phagocytes
Phalanges
Pheromones
Photoperiodism
Photoreceptors
Phrenic nerves
Physical fitness
Physiological effects
Physiology
Pineal gland
Pitch discrimination
Pituitary gland
Placenta
Plethysmography
Pleural pressures
Pneumocytes
Polymorphonuclear granulocytes
Polymorphonuclear leukocytes
Polymorphonuclear neutrophils
Positioning reactions

Posture (General)
Posture (Physiology)
Prostaglandin
Prostate gland
Protein metabolism
Protoplasm
Psychomotor function
Pulmonary arteries
Pulmonary blood circulation
Pulmonary function
Pulmonary veins
Pulse rate
Rapid eye movement in sleep
Receptor sites (Physiology)
Rectum
Reflexes
Regeneration (Physiology)
Reproduction (Physiology)
Reproductive system
Respiration
Respiratory system
Response
Response (Biology)
Rest
Reticular formation
Reticuloendothelial system
Retina
Ribs
Root canal
Saliva
Salivary glands
Scars
Sciatic nerve
Scrotum
Secretion
Semicircular canals
Sense organs
Senses (Physiology)
Sex
Sex glands
Sheaths (Anatomy)
Shivering
Shoulders (Anatomy)
Sickle cells
Skeleton
Skin (Anatomy)
Skull
Sleep
Small intestine
Smell
Soft tissues
Speech articulation
Spermatogenesis
Spinal column
Spinal cord
Spleen

Stem cells
Stimulation (Physiology)
Stomach
Strength (Physiology)
Stria vascularis
Subcutaneous tissue
Sweat glands
Sympathetic nervous system
Synapse
Synapsis
Syncope
Taste
Teeth
Tendons
Testes
Thalamus
Thirst
Thorax
Thresholds (Physiology)
Throat
Thymocytes
Thymus
Thyroid gland
Tibia
Tissue culture
Tissues (Biology)
Tongue
Tonsils
Touch
Trachea
Transdermal absorption
Tropocollagen
Ulnar nerve
Urinary system
Urine
Uterus
Vasoconstricting
Vasodilation
Vasomotor reactions
Vasomotor reflexes
Veins
Vena cava
Ventricles
Vestibular apparatus
Viability
Vision
Visual acuity
Visual cortex
Visual perception
Vitamin A
Vitamin B complex
Vitamin D
Vitamin K
Vitamin P
Vitelline glands
Vitrification (Biology)

Walking
Wrist

06/05 Medicine and Medical Research

ABO incompatibility
Abortion
Abscesses
Acidosis
Acne
Acquired immunity deficiency syndrome
Acupuncture
Aerospace medicine
Albinism
Allergic diseases
Allergens
Alopecia
Altitude sickness
Alzheimer disease
Amebiasis
Amnesia
Amnesic aphasia
Amniocentesis
Amputation
Anaphylaxis
Anemias
Anesthesia
Angiography
Anorexia
Anthrax
Antibodies
Antigen antibody reactions
Antigens
Antihemophilia
Antisense therapy
Aortic insufficiency
Aphasia
Arrhythmia
Arthritis
Arthropod borne diseases
Artificial respiration
Asepsis
Asphyxiation
Asthma
Astigmatism
Ataxia
Atelectasis
Atherosclerosis
Atrophy
Audiometry
Auditory defects
Autoimmune diseases
Autoimmune reactions
Autoimmunization
Autopsy
Aviation injuries

Aviation medicine	Carpal Tunnel Syndrome
B lymphocytes	Cataracts
Bacillary dysentery	Cerebrospinal meningitis
Bacteremia	Chagas disease
Bacterial diseases	CHAMPUS
Bacterial pneumonia	Chancroid
Ballistocardiography	Chemical burns
Bed rest	Chemotherapy
Biomedical information systems	Cholera
Biomedicine	Chronobiology
Biopsy	Circulatory insufficiencies
Bites and stings	Cirrhosis
Blindness	Clinical medicine
Blocking	Clinical trials
Blood analysis	Coccidiosis
Blood banks	Cognitive impairment
Blood brain barrier	Colitis
Blood cells	Colon cancer
Blood circulation	Coma (Physiology)
Blood coagulation	Communicable diseases
Blood counts	Computer aided diagnosis
Blood diseases	Computerized tomography
Blood group disorders	Concussion
Blood groups	Congenital abnormalities
Blood plasma	Congestive heart failure
Blood plasma substitutes	Conjunctivitis
Blood platelets	Convalescence
Blood serum	Convulsive disorders
Blood substitutes	Coronary disease
Blood transfusion	Cryosurgery
Bolivian hemorrhagic fevers	Cysts
Bone fractures	Cytopathology
Botulism	Deafness
Bradycardia	Defibrillation
Brain damage	Dengue
Brain function impairment	Dental caries
Breast cancer	Dental implantology
Breast reconstruction	Dental plaque
Bronchitis	Dental surgery
Bronchography	Dentistry
Bronchopneumonia	Dermatitis
Brucellosis	Dermatology
Burns (Injuries)	Dermatophytosis
Calcification	Desensitizing
Calculi	Diabetes
Cancer	Diagnosis (Medicine)
Cancer screening	Dialysis
Cannulation	Diarrhea
Carcinogenesis	Diathermy
Carcinogens	Disease vectors
Cardiac arrest	Diseases
Cardiography	Dosage
Cardiology	Drug addiction
Cardiopulmonary resuscitation	Drug withdrawal
Cardiotachometry	Duodenitis
Cardiovascular diseases	Dysentery

Dyspnea
Dysuria
Echocardiography
Eczema
Edema
Electroanesthesia
Electrocardiography
Electrocorticography
Electroencephalography
Electrogastrograms
Electromyography
Electrooculograms
Electrooculography
Electroretinography
Electrotherapy
Elephantiasis
Embolism
Emergency medicine
Emphysema
Encephalitis
Encephalograms
Encephalomyocarditis infections
Endocrinology
Endometriosis
Endoscopy
Endotoxemia
Enzootic
Enzymatic cancer screening
Epidemics
Epidemiology
Epilepsy
Epizootic
Erythema
Etiology
Euthanasia
Excision
Eye diseases
Feeding
Fever
Fibrosis
Filariasis
First aid
First responders
Fistulas
Fluoroscopy
Frostbite
Fungus diseases
Gas embolism
Gastritis
Gastroenteritis
Gastrointestinal diseases
Gene therapy
Genetic diseases
Genital diseases
Geriatrics
Gingivitis

Glaucoma
Gnathostomiasis
Gonorrhea
Granuloma
Gynecology
Hantaan virus
Headaches
Health
Health care management
Health care reform
Health maintenance organizations
Health surveys
Heart function tests
Heat stroke
Helminthic diseases
Hemagglutination tests
Hematocrit
Hematology
Hematomas
Hematopoiesis
Hemograms
Hemolysis
Hemophilia
Hemorrhage
Hemorrhagic fevers
Hemorrhagic shock
Hepatitis
Histochemistry
Histocompatibility
Histopathology
Hodgkins disease
Hookworm disease
Hospitalizations
Hosts (Biology)
Hyperbaric medicine
Hypercalcemia
Hypercapnia
Hypercholesterolemia
Hyperglycemia
Hyperkalemia
Hyperoxia
Hypersensitivity
Hypertension
Hyperthermia
Hyperventilation
Hypodermic injections
Hypoglycemia
Hypotension
Hypoxia
Illness
Immunity
Immunization
Immunoassay
Immunochemistry
Immunogens
Immunology

Immunotherapy
Impetigo
Infarction
Infectious disease transmission
Infectious diseases
Infectious mononucleosis
Influenza
Injections (Medicine)
Inoculation
Integumentary diseases
Internal medicine
Intestinal parasites
Intestinal parasitosis
Intracranial neoplasms
Intramuscular injections
Intravascular clots
Intubation
Iridectomy
Irrigation (Medicine)
Ischemia
Japanese encephalitis
Kidney diseases
Kidney function tests
Laminectomy
Laser diagnostics
Laser medical diagnosis
Laser surgery
Lassa fever
Legionnaires disease
Leishmaniasis
Leptospirosis
Leukemia
Leukocytes
Leukopenia
Lipoatrophy
Liver diseases
Liver function tests
Lobar pneumonia
Low virulence
Lung cancer
Lung function tests
Lupus erythematosus
Lymphocytes
Lymphocytosis
Lymphomas
Lysis
Magnetic resonance imaging
Magnetoencephalograms
Malabsorption syndromes
Malaise
Malaria
Malnutrition
Mammography
Mastectomy
Medical computer applications
Medical engineering

Medical examination
Medical malpractice
Medical research
Medical screening
Medical services
Medicine
Meliodosis
Meninges
Meningitis
Metabolic diseases
Metastasis
Microsurgery
Military medicine
Mitochondria
Mobility impairment
Monoclonal antibodies
Morbidity
Mosquito borne diseases
Motor disorders
Motor function impairment
Musculoskeletal diseases
Mutagens
Myeloma
Myocardial infarction
Nausea
Necrosis
Neoplasms
Nephritis
Nervous system diseases
Neuroblastoma
Neurochemistry
Neurocirculatory asthenia
Neurology
Nuclear medicine
Nursing
Nystagmus
Obstetrics
Obstruction (Physiology)
Occupational diseases
Occupational medicine
Oncogenesis
Oncology
Ophthalmology
Optic neuritis
Optometry
Oral diseases
Oral health
Oral hygiene
Orthodontics
Orthopedics
Osteoporosis
Otology
Otorhinolaryngology
Ovarian cancer
Pancreatic diseases
Pancreatitis

Panosteitis
 Parabiosis
 Paralysis
 Paramedical sciences
 Parasitemias
 Parasitic diseases
 Parenteral infusions
 Parkinsons disease
 Pathogenesis
 Pathology
 Pathophysiology
 Pediatrics
 Perfusion
 Peribronchiolitis
 Peripheral neuropathy
 Phonocardiography
 Phototherapy
 Physical disabilities
 Physical therapy
 Plagues
 Plastic surgery
 Pleocytosis
 Pneumogram
 Pneumonia
 Podiatry
 Poliomyelitis
 Polychlorinated biphenyls
 Polyclonal antibodies
 Positron emission tomography
 Pregnancy
 Prenatal diagnosis
 Preventive dentistry
 Preventive medicine
 Prostate cancer
 Prosthetics
 Psychiatry
 Psychomotor function
 Psychotherapy
 Public health
 Pulmonary edema
 Pulmonary hypertension
 Pulmonary insufficiency
 Pyoderma
 Q fever
 Quarantine
 Radiology
 Recreation
 Rejuvenation
 Relapsing fever
 Relaxation
 Relaxation (Physiology)
 Repetitive stress injuries
 Respiratory diseases
 Resuscitation
 Reticulocytosis
 Retinopathy
 RH incompatibility
 Rheopneumograms
 Rheumatic diseases
 Rhinology
 Rift Valley fever
 Rosette scan
 Salmonellosis
 Sandfly fever virus infection
 Sarcoma
 Scarlet fever
 Schistosomiasis
 Scrub typhus
 Sedation
 Self treatment
 Septicemia
 Serodiagnosis
 Serology
 Serum hepatitis
 Shigellosis
 Shock therapy
 Shock (Pathology)
 Shunts
 Sickle cell anemia
 Side reactions
 Signs and symptoms
 Skin diseases
 Skin grafts
 Skin tests
 Sonograms
 Speech pathology
 Speech therapy
 Spirometry
 Splenomegaly
 Stenosis
 Stillbirths
 Streptococcal pneumonia
 Strokes (Cerebral)
 Sudden Acute Respiratory Syndrome
 (SARS)
 Surgery
 Surgical implantation
 Surgical transplantation
 Syphilis
 T lymphocytes
 Tachycardia
 Telemedicine
 Tetanus
 Therapy
 Thermography
 Thrombocytopenia
 Thrombophlebitis
 Thrombosis
 Tickborne diseases
 Tissue banks
 Tomography
 Tomosynthesis

Tonsillitis
Toxemia
Toxic diseases
Tracheotomy
Trachoma
Transfection
Transplantation
Trauma
Traumatic shock
Tremors
Triage
TRICARE
Tropical diseases
Tropical medicine
Tropical sprue
Trypanosomiasis
Tuberculosis
Tularemia
Typhoid
Typhus
Ulcers
Uremia
Urethritis
Urology
Vascular congestion
Vascular diseases
Vectorcardiography
Venereal diseases
Venezuelan Equine Encephalomyelitis
Vertigo
Viral pneumonia
Virology
Virus diseases
Visual defects
Vital signs
Whiplash
X ray diagnostics
Yellow fever
Zoonoses
Zoonotic diseases

06/06 Ecology

Biogeography
Biological pest control
Conservation
Ecology
Ecosystems
Endangered species
Eutrophication
Extinction
Food chains
Habitats
Hibernation
Invasive species (Fauna)
Invasive species (Flora)
Migration

Outdoor
Pest control
Pests
Pollutants
Pollution
Remote areas
Rodent control
Soil chemistry
Wetlands
Wilderness
Wind erosion
Zoogeography

06/07 Radiobiology

Chorioretinal burns
Collateral damage
Decontamination kits
Dose rate
Dosimetry
Health physics
Laser radiobiology
Lethal dosage
Nuclear warfare casualties
Partial body irradiation
Permissible dosage
Photographic dosimeters
Photosensitivity (Biological)
Radiation damage
Radiation dosage
Radiation effects
Radiation hazards
Radiation injuries
Radiation poisoning
Radiation sickness
Radiation tolerance
Radiobiology
Radioimmunoassay
Radioluminescence
Radiopharmaceuticals
Radiosterilization
Radiotherapy
Sublethal dosage
Weapons effects
Whole body irradiation

06/08 Food, Food Service and Nutrition

Additives
Agar
Alcohol consumption
Alcoholic beverages
Alfalfa
Bacon
Barley
Beans
Beef

Beverages
Bread
Calorie count
Calorific value
Canned foods
Canning
Carrots
Celery
Cereal products
Cereals
Cheeses
Cherries
Chocolate
Citrus fruit
Coffee
Cold storage
Compressed foods
Concentrated foods
Condiments
Convenience foods
Cooking devices
Corn
Dairy products
Degredation
Dehydrated foods
Desserts
Deterioration
Diet
Dining
Dining halls
Dough machines (Food processing)
Eggs (Food)
Emergency rations
Flavor
Flour
Food
Food additives
Food consumption
Food deterioration
Food dispensing
Food preservation
Food processing
Food service
Freeze dried foods
Fresh foods
Frozen foods
Fruit juices
Fruits
Ham
Irradiated foods
Kitchen equipment and supplies
Kitchens
Knives
Lettuce
Meals
Meat

Meat loaf
Menu
Microwave ovens
Military rations
Milk
Milk fat
Nutrient analysis
Nutrients
Nutrition
Onions
Oral intake
Ovens
Pasteurization
Peanut oil
Peas
Pickles
Pineapples
Pork
Potatoes
Prunes
Rations
Reduction
Salads
Sauerkraut
Sausage
Seafood
Shelter rations
Sorghum
Soup
Soy protein
Soybeans
Space rations
Stoves
Tea
Toaster
Vegetables
Vitamin A
Vitamin B complex
Vitamin D
Vitamin E
Vitamin K
Vitamin P
Weight reduction
Wheat

06/09 Hygiene and Sanitation

Baths
Disinfection
Hot water
Hygiene
Industrial hygiene
Military hygiene
Sanitation
Shower facilities
Sterilization
Toilet facilities

06/10 Stress Physiology

Acceleration tolerance
Acclimatization
Altitude acclimatization
Anoxia
Biodynamics
Cold tolerance
Confined environments
Decompression sickness
Endotoxic shock
Endurance (General)
Endurance (Physiology)
Exercise (Physiology)
Exhaustion (Psychological)
Fatigue (Physiology)
Food deprivation
Frostbite
Heat acclimatization
Heat production (Biology)
Heat stress (Physiology)
Heat stroke
Heat tolerance
Hypothermia
Incapacitation
Jet lag
Motion sickness
Orthostatism
Perspiration
Physiological disorientation
Physiological effects
Pressure breathing
Resistance (Biology)
Sepsis
Sleep deprivation
Sonic decompression
Starvation
Stress (Physiology)
Tanning
Thresholds (Physiology)
Tolerances (Physiology)
Water privation
Weightlessness

06/11 Toxicology

Allergens
Anaphylatoxins
Antidotes
Bacterial toxins
Biocides
Bites and stings
Botulism
Burnable poisons
Carbon monoxide poisoning
Cytotoxin
Detoxification

Dioxins
Drug abuse
Drug overdose
Drug tolerance
Drug withdrawal
Exotoxins
Food poisoning
Genotoxicity
Immunotoxicity
Intoxication
Lethality
Lymphotoxins
Metal poisoning
Mussel poisons
Narcosis
Neurotoxins
Pathogenic materials
Phytotoxicity
Poisoning
Poisons
Pyrethrins
Rodent control
Rodenticides
Tobacco smoking
Toxic hazards
Toxic tolerances
Toxicity
Toxicology
Toxins
Venoms

06/12 Medical Facilities, Equipment and Supplies

Ampules
Antilymphocyte serum
Artificial limbs
Artificial tissue
Biological laboratories
Blood banks
Blood preservation
Blood storage
Cardiac care units
Casualty centers
Catheters
Clinical laboratories
Complement (Biology)
Contrast media (Medicine)
Culture media
Cystoscopes
Dental equipment
Dental prostheses
Diagnostic agents
Diagnostic equipment
Dispensaries
Dressings
Epidemics

Fluoroscopes
Gastrosopes
Germicides
Health care facilities
Health care management
Health maintenance organizations
Hospital administration
Hospitals
Intensive care units
Intravenous bottles
Ligatures
Mechanical organs
Medical cameras
Medical equipment
Medical instruments
Medical laboratories
Medical supplies
Medicare
Needles
Olfactometers
Outpatient clinics
Oximeters
Pacemakers
Pharmacies
Photocoagulators
Respirators
Shock trauma centers
Stents
Sterilizers
Stethoscopes
Stretchers
Surgical instruments
Surgical lasers
Surgical supplies
Sutures
Tissue banks
Ultrasonic sterilization

06/13 Microbiology

Actinobacillus
Actinobacillus mallei
Actinomyces
Actinomycetaceae
Actinomycetales
Actinopoda
Acute respiratory disease virus
Adenoviruses
Aerobacter
Aerobacter aerogenes
Aerobic bacteria
Amoeba
Amoebina
Anaerobic bacteria
Apeu viruses
Arboviruses
Arenaviruses

Asporogenous bacteria
Azotobacter
Azotobacteraceae
Babesia
Bacillaceae
Bacillus
Bacillus anthracis
Bacillus cereus
Bacillus subtilis
Bacillus thuringiensis
Bacteria
Bacteriology
Bacteriophages
Bacteroides
Balantidium
Bartonella
Bartonella bacilliformis
Bartonellaceae
Biological inactivation
Biological stains
Bolivian hemorrhagic fever virus
Bordetella
Bordetella pertussis
Borrelia
Borrelia recurrentis
Bromphenol blue
Brucella
Brucella abortus
Brucella bronchiseptica
Brucella melitensis
Brucella suis
Brucellaceae
California encephalitis virus
Chikungunya virus
Chlamydia
Chlamydia trachomatis
Chlamydiaceae
Ciliata
Clostridium
Clostridium botulinum
Clostridium perfringens
Clostridium sporogenes
Clostridium tetani
Clostridium welchii
Coccidium
Coliform bacteria
Coliphage
Colonies (Biology)
Colorado tick virus
Corynebacteriaceae
Corynebacterium
Corynebacterium diphtheriae
Coxiella
Coxiella burnetii
Coxsackie virus
Cryobiology

Cryptococcus
 Cultures (Biology)
 Cytomegalovirus
 Dengue virus
 Dinoflagellata
 Diplococcus
 Diplococcus pneumoniae
 Eastern equine encephalomyelitis virus
 Ebola virus
 Echoviruses
 Embryonated egg technique
 Entamoeba histolytica
 Enteric bacteria
 Enterobacteriaceae
 Enteropathogens
 Enteroviruses
 Epstein Barr Virus
 Equine encephalomyelitis virus
 Escherichia
 Escherichia coli
 Eubacteriales
 Eucoccidia
 Fluorescent antibody techniques
 Foot and mouth disease virus
 Foraminifera
 Franciscella tularensis
 Gram negative bacteria
 Gram positive bacteria
 Group A arboviruses
 Group B arboviruses
 Group C arboviruses
 Hemosporidia
 Hepatitis viruses
 Herpes simplex virus
 Herpetic viruses
 Histological techniques
 Histology
 Hog cholera virus
 Hosts (Biology)
 Human immunodeficiency viruses
 Inactivation
 Infectious hepatitis virus
 Influenza virus
 Iodamoeba
 Japanese B encephalitis virus
 Japanese encephalitis viruses
 Junin virus
 Klebsiella
 Klebsiella pneumoniae
 Kyasanur forest disease virus
 Lactobacillaceae
 Lactobacillus
 Lactobacillus acidophilus
 Lassa fever virus
 Legionella pneumophila
 Leishmania
 Leptospira
 Leptospira icterohaemorrhagiae
 Listeria
 Listeria monocytogenes
 Louping ill virus
 Machupo virus
 Marituba virus
 Mastigophora
 Mastigotes
 Mayaro virus
 Measles viruses
 Merozoites
 Microbiological tests
 Microbiology
 Micrococcaceae
 Micrococcus
 Microorganisms
 Microspheres
 Miyagawanella
 Miyagawanella louisiana
 Miyagawanella lymphogranulomatosis
 Miyagawanella ornithosis
 Miyagawanella psittaci
 Monkey B virus
 Mumps virus
 Murray Valley encephalitis virus
 Mycobacteriaceae
 Mycobacterium
 Mycobacterium leprae
 Mycobacterium tuberculosis
 Mycoplasma
 Mycoplasmataceae
 Mycoplasmatales
 Myxobacteriales
 Myxoviruses
 Neisseria
 Neisseria gonorrhoeae
 Neisseria meningitidis
 Neisseriaceae
 Newcastle disease virus
 Nitrobacter
 Nocardia
 Omsk virus
 Oncogenic viruses
 Oral bacteria
 Oriboca virus
 Parainfluenza virus
 Paramecium
 Pasteurella
 Pasteurella pestis
 Pasteurella pseudotuberculosis
 Pasteurella tularensis
 Pathogenic microorganisms
 Pfiesteria
 Picornaviruses
 Plasmodium

Plasmodium berghei
Plasmodium falciparum
Plasmodium knowlesi
Plasmodium vivax
Pleuropneumonia like organisms
Pneumocystis carinii
Polioviruses
Pox viruses
Prions (Pathogens)
Proteus
Proteus vulgaris
Protozoa
Pseudomonadaceae
Pseudomonadales
Pseudomonas
Pseudomonas aeruginosa
Pseudomonas fluorescens
Rabies virus
Radiolaria
Reoviruses
Retroviruses
Rhinoviruses
Rhizopoda
Rickettsia
Rickettsia akari
Rickettsia prowazekii
Rickettsia rickettsii
Rickettsia tsutsugamushi
Rickettsia typhi
Rickettsiaceae
Rickettsial antibodies
Rickettsial diseases
Rickettsiales
Rift Valley fever virus
Rinderpest virus
Rubella
Russian spring summer encephalitis virus
Saint Louis encephalitis virus
Salmonella
Salmonella enteritidis
Salmonella paratyphi
Salmonella typhi
Salmonella typhimurium
Salmonella typhosa
Sarcina
Sarcina lutea
Sarcoma virus
Schizogony
Semliki virus
Sendai virus
Serratia
Serratia marcescens
Shigella
Shigella boydii
Shigella dysenteriae
Shigella flexneri

Shigella paradysenteriae
Shigella sonnei
Sindbis virus
Spirillaceae
Spirochaeta
Spirochaetaceae
Spirochaetales
Sporozoa
Sporozoites
Sporulation
Staphylococcus
Staphylococcus aureus
Streptococcus
Streptococcus mutans
Streptococcus pyogenes
Streptomyces
Streptomycetaceae
Swine influenza virus
Thogoto virus
Tickborne viruses
Tissue culture cells
Tobacco mosaic virus
Toxoplasma
Treponema
Treponema pallidum
Treponemataceae
Trypanosoma
Trypanosoma cruzi
Typhus rickettsiae
Vaccinia virus
Variola virus
Veillonella
Veillonella alkalescens
Venezuelan Equine Encephalomyelitis virus
Vesicular exanthema
Vesicular stomatitis
Vesicular viruses
Vibrio
Vibrio cholerae
Vibrio comma
Viruses
West Nile virus
Western Equine Encephalomyelitis virus
Yersinia pestis
Yersinia pseudotuberculosis
Yellow fever virus
Zoomastigina

06/14 Weapons Effects (Biological)

Antipersonnel effects
Bullet wounds
Burns (Injuries)
Casualties
Chemical burns
Crash injuries
Collateral damage

Flashblindness
Kill mechanisms
Laser damage
Lethality
Weapons effects
Wound ballistics
Wounds and injuries

06/15 Pharmacology

Acetylcholine
Aldosterone
Allergenic extracts
Amphetamines
Amphotericin
Analgesia
Analgesics
Anesthetics
Angiotensin
Antacids
Anthelmintics
Antibiotics
Antibodies
Anticoagulants
Anticonvulsants
Antidiuretics
Antidotes
Antiemetics
Antifungal
Antihistaminics
Antihypotensive drugs
Antiinflammatory agents
Antileishmanial drugs
Antimalarials
Antimetabolites
Antimicrobial agents
Antineoplastic agents
Antiparasitic drugs
Antiplatelet drugs
Antipyretics
Antisaccharine agents
Antischistosomal drugs
Antisense therapy
Antispasmodic agents
Antitoxins
Antitubercular agents
Antiviral agents
Arecoline
Autonomic agents
Azidothymidine (AZT)
Bacterial extracts
Bacterial toxins
Barbiturates
Belladonna alkaloids
Bioassay
Biological extracts
Biological products

Blood brain barrier
Capsules (Pharmacy)
Cardiac glycosides
Cardiovascular agents
Cathartics
Chemotherapeutic agents
Chemotherapy
Chloralose
Chloramphenicol
Chloroquine
Chlortetracycline
Cholinesterase inhibitors
Cinchona alkaloids
CNS depressants
CNS stimulants
Coccidioidin
Corticosteroid agents
Cortisol
Curare alkaloids
Cyclazocine
Diagnostic agents
Diazepam
Digitalis
Digitoxin
Diuretics
Drug abuse
Drug detection
Drug overdose
Drug testing
Drug tolerance
Drug withdrawal
Drugs
Emetics
Endotoxins
Enterotoxins
Erythromycin
Fungicides
Gonadotropins
Griseofulvin
Hallucinogens
Heparin
Heroin
Histamine
Hypnotics and sedatives
Immune serums
Immunotherapy
Indole alkaloids
Interferon
Isoproterenol
Isoquinoline alkaloids
Josamycin
Kojic acid
Leurocristin
Levarterenol
Levodopa
Live vaccines

Local anesthetics
Low virulence
Lysergic acids
Methaqualone
Methotrexate
Monoclonal antibodies
Muscarine
Muscle relaxants
Mycotoxins
Mydriatics
Narcotics
Neomycins
Neurotoxins
Nystatin
Ointments
Oral dosage
Oripavine
Oxazepam
Oxytetracycline
Parasympatholytic agents
Parasympathomimetic agents
Penicillins
Pentobarbital
Pentylene-tetrazol
Pharmacokinetics
Pharmacological antagonists
Pharmacology
Physostigmine
Placebos
Plague vaccine
Polymyxins
Potency
Prodigiosin
Progesterone
Prolactin
Psilocin
Psychoanaleptic agents
Purine alkaloids
Pyridostigmine bromide
Pyrogens
Quinoline alkaloids
Quinolinols
Radiopharmaceuticals
Radioprotective agents
Rauwolfia alkaloids
Sex hormones
Skeletal muscle relaxants
Sodium cephalothin
Sodium colistimethate
Streptomycins
Strychnos alkaloids
Sulfadiazine
Sulfobromophthalein sodium
Sulfonamides
Sympatholytic agents
Sympathomimetic agents

Synthases
Tablets (Chemical)
Teratogenic compounds
Tetracyclines
Thyroid and antithyroid agents
Toxins
Toxins and antitoxins
Tranquilizers
Tropane alkaloids
Trypanocides
Tuberculin
Vaccines
Vancomycin
Virulence

07 Chemistry

Chemical information systems
Chemistry
Physical sciences

07/01 Industrial Chemistry and Chemical Processing

Amphoteric
Ball mills
Beds (Process engineering)
Boiler compounds
Catalytic cracking
Cathodic protection
Cells
Chemical analogs
Chemical engineering
Chemical laboratories
Chemical milling
Chemical reactors
Chemical stability
Chemical vapor deposition
Coalescence
Condensers (Liquefiers)
Cooling towers
Cyclone separators
Deaeration
Degasification
Dehydration
Demineralization
Deoxygenation
Desalination
Desulfurization
Dewar flasks
Distillation
Distilling plants
Electrocatalysts
Electroplating solutions
Elution
Engineering
Extraction
Fluidized bed processes

Fluidized bed processors
Flushing
Formulations
Formulations (Chemistry)
Fractionation
Gas cells
Hydrogen storage
Laboratory procedures
Leaching
Miscibility
Mixing
Molecular sieves
Outgassing
Ozonation
Pickling
Pulpers
Purging
Purification
Reaction control systems
Reactive ion etching
Reactivities
Refineries
Reverse osmosis
Solvation
Solvent extraction
Stirrers
Sulfidization
Synthesis (Chemistry)
Ultrafiltration
Vacuum distillation
Vulcanization
Water absorption tests
Water softeners

07/02 Inorganic Chemistry

Abiotic processes
Acids
Actinide series
Actinide series compounds
Actinium
Actinium compounds
Alkali metal compounds
Alkali metals
Alkaline earth compounds
Alkaline earth metals
Alkaline earth oxides
Aluminates
Aluminides
Aluminosilicates
Aluminum
Aluminum arsenides
Aluminum compounds
Aluminum gallium arsenide
Aluminum gallium nitrides
Aluminum hydrides
Aluminum intermetallics

Aluminum oxides
Aluminum soaps
Aluminum sulfate
Alums
Americium
Americium compounds
Ammino compounds
Ammonia
Ammonium compounds
Ammonium nitrate
Ammonium perchlorate
Anhydrides
Antifreezes
Antimonates
Antimonides
Antimony
Antimony compounds
Antioxidants
Argon
Arsenates
Arsenic
Arsenic compounds
Arsenic sulfides
Arsenides
Astatine
Astatine compounds
Azides
Barium
Barium chlorates
Barium compounds
Barium ferrites
Barium halides
Barium oxides
Barium strontium titanates
Barium titanates
Berkelium compounds
Beryllides
Beryllium compounds
Beryllium oxides
Bicarbonates
Binary compounds
Bismuth
Bismuth compounds
Bismuth oxides
Bismuth tellurides
Bismuth titanate
Boranes
Borates
Boric acid
Borides
Borines
Borohydrides
Boron
Boron carbides
Boron compounds
Boron hydrides

Boron nitrides
Boron oxides
Bromides
Bromine
Bromine compounds
Cadmium
Cadmium compounds
Cadmium selenides
Cadmium sulfides
Cadmium tellurides
Cadmium zinc tellurides
Calcium
Calcium carbonates
Calcium compounds
Calcium fluorides
Calcium hydrides
Calcium oxides
Californium compounds
Carbides
Carbon
Carbon compounds
Carbon dioxide
Carbon monosulfide
Carbon monoxide
Carbonates
Carbonic acid
Cerium compounds
Cesium compounds
Chalcogens
Chelate compounds
Chemical composition
Chemical compounds
Chemical derivatives
Chemical elements
Chemical radicals
Chemicals
Chlorates
Chlorides
Chlorine
Chlorine compounds
Chlorine trifluoride
Chlorites
Chromates
Chromic acid
Chromium
Chromium compounds
Chromyl radicals
Cobalt
Cobalt compounds
Cobalt oxides
Complex compounds
Copper
Copper compounds
Copper oxides
Copper sulfides
Corundum

Cryolite
Curium
Curium compounds
Cyanides
Decaboranes
Desiccants
Diboranes
Dioxides
Dissolved solids concentration
Dysprosium
Dysprosium compounds
Einsteinium
Einsteinium compounds
Erbium
Erbium compounds
Ethyl nitrite
Europium
Europium compounds
Exchange reactions
Fermium
Fermium compounds
Ferrates
Ferrites
Fluoborates
Fluorides
Fluorination
Fluorine
Fluorine compounds
Fluorochlorides
Fluorophosphines
Francium
Francium compounds
Fullerenes
Gadolinium
Gadolinium compounds
Gadolinium oxide
Gallates
Gallium
Gallium antimonides
Gallium arsenides
Gallium compounds
Gallium nitrides
Gallium phosphides
Germanium
Germanium compounds
Gold
Gold compounds
Gold intermetallics
Group I compounds
Group II compounds
Group II-VI compounds
Group III compounds
Group III metals
Group IV compounds
Group IVA metals
Group V compounds

Group VI compounds
Group VII compounds
Group VIII compounds
Hafnium
Hafnium compounds
Hafnium titanate
Halides
Halogen compounds
Halogenation
Halogens
Heavy element compounds
Helium
Holmium compounds
Hydrates
Hydrazoic acid
Hydrides
Hydrochloric acid
Hydrofluoric acid
Hydrogen
Hydrogen chloride
Hydrogen compounds
Hydrogen cyanide
Hydrogen fluoride
Hydrogen iodide
Hydrogen peroxide
Hydrogen sulfide
Hydrolysis
Hydroxides
Hydroxyl radicals
Hypochlorites
Hypochlorous acid
Iridium
Iridium antimonides
Iridium compounds
Iridium phosphides
Inert materials
Inorganic acids
Inorganic chemistry
Inorganic compounds
Inorganic materials
Inorganic polymers
Intermetallic compounds
Iodates
Iodides
Iodination
Iodine
Iodine compounds
Ionic crystals
Ionization
Ionized gases
Iridium
Iridium arsenides
Iridium compounds
Iridium gallium arsenides
Iron
Iron aluminide

Iron compounds
Iron intermetallics
Iron oxides
Krypton
Kryptonates
Lanthanum
Lanthanum compounds
Lanthanum intermetallics
Lawrencium
Lawrencium compounds
Lead (Metal)
Lead azides
Lead compounds
Lead dioxide
Lead oxides
Lead sulfides
Lead tellurides
Lead tin tellurides
Lead titanates
Lead zirconate titanates
Liquefied gases
Liquid ammonia
Liquid helium
Liquid hydrogen
Liquid nitrogen
Liquid oxygen
Liquids
Lithium
Lithium chloride
Lithium compounds
Lithium fluorides
Lithium hydride
Lithium niobates
Lithium perchlorate
Lithium tantalates
Lutetium
Lutetium compounds
Magnesium
Magnesium compounds
Magnesium oxides
Magnesium sulfates
Manganates
Manganese
Manganese compounds
Manganese oxides
Mendelevium
Mendelevium compounds
Mercury
Mercury cadmium tellurides
Mercury compounds
Metal compounds
Metalloids
Metals
Molten salts
Molybdates
Molybdenum

Molybdenum compounds
 Molybdic acids
 Monoxides
 Neodymium
 Neodymium compounds
 Neon
 Neptunium
 Neptunium compounds
 Nickel
 Nickel aluminide
 Nickel compounds
 Nickel intermetallics
 Nickelates
 Niobates
 Niobium
 Niobium compounds
 Nitrates
 Nitric acid
 Nitric oxide
 Nitrides
 Nitrites
 Nitrofluorination
 Nitrogen
 Nitrogen compounds
 Nitrogen dioxide
 Nitrogen oxides
 Nitronium perchlorate
 Nitrous oxide
 Nobelium
 Nobelium compounds
 Nonmetallic compounds
 Nonmetals
 Osmic acid
 Osmium
 Osmium compounds
 Oxides
 Oxidizers
 Oxybromides
 Oxychlorides
 Oxyfluorides
 Oxygen
 Oxygen compounds
 Oxyhalides
 Oxynitrides
 Ozone
 Palladium
 Palladium compounds
 Pentaboranes
 Pentafluorides
 Perchlorates
 Perchloric acid
 Perchloryl compounds
 Perchloryl radicals
 Permanganates
 Peroxides
 Phosphides
 Phosphine
 Phosphine oxides
 Phosphinoborines
 Phosphites
 Phosphonic acids
 Phosphonitrile chlorides
 Phosphoric acids
 Phosphorothioates
 Phosphorus
 Phosphorus compounds
 Picramic acid
 Platinum
 Platinum compounds
 Plutonates
 Plutonium
 Plutonium compounds
 Polonium
 Polonium compounds
 Polysilanes
 Polysilicons
 Polysulfides
 Polysulfones
 Potassium
 Potassium chloride
 Potassium compounds
 Praseodymium
 Praseodymium compounds
 Promethium
 Promethium compounds
 Protactinium
 Protactinium compounds
 Quaternary compounds
 Radium
 Radium compounds
 Radon
 Rare earth compounds
 Rare earth elements
 Rare gases
 Red phosphorus
 Rhenium compounds
 Rhodium compounds
 Rubidium compounds
 Ruthenates
 Ruthenium compounds
 Salts
 Samarium compounds
 Samarium intermetallics
 Scandium compounds
 Selenides
 Selenious acids
 Selenium
 Selenium compounds
 Silanes
 Silica gel
 Silicates
 Silicic acids

Silicides
Silicon
Silicon carbides
Silicon compounds
Silicon dioxide
Silicon germanium (SiGe)
Silicon nitrides
Silver chloride
Silver compounds
Silver halides
Silver iodide
Silver oxides
Sodium azides
Sodium borohydrides
Sodium carbonates
Sodium chloride
Sodium compounds
Sodium hydroxide
Sodium nitrates
Sodium nitrite
Sodium palmitate
Sodium silicates
Sodium sulfates
Stannates
Stannides
Strontium compounds
Sulfates
Sulfation
Sulfides
Sulfites
Sulfonyl halides
Sulfonyl radicals
Sulfur
Sulfur compounds
Sulfur hexafluoride
Sulfur oxides
Sulfuric acid
Superoxides
Synthesis (Chemistry)
Tantalates
Tantalum carbides
Tantalum compounds
Technetium compounds
Tellurides
Tellurium
Tellurium compounds
Terbium compounds
Ternary compounds
Tetroxides
Thallium compounds
Thionyl chloride
Thiosulfates
Thorium compounds
Thorium dioxide
Thorium oxides
Thulium compounds

Tin compounds
Titanates
Titanium aluminide
Titanium boride
Titanium compounds
Titanium dioxide
Titanium oxides
Trace elements
Transition metal compounds
Transuranium compounds
Tungstates
Tungsten carbides
Tungsten compounds
Tungsten oxides
Uranates
Uranium compounds
Uranyl radicals
Vanadates
Vanadium compounds
Vanadium silicides
Water
Water soluble materials
Water vapor
White phosphorus
Xenon
Ytterbium compounds
Yttrium barium copper oxides
Yttrium compounds
Yttrium oxides
Zeolites
Zinc compounds
Zinc oxides
Zinc selenides
Zinc sulfides
Zinc tellurides
Zirconates
Zirconium
Zirconium compounds
Zirconium oxides

07/03 Organic Chemistry

Acetaldehyde
Acetals
Acetamides
Acetates
Acetazolamide
Acetic acid
Acetic anhydride
Acetones
Acetonitrile
Acetophenones
Acetyl chloride
Acetylation
Acetylene
Acetylenes
Acid citrate dextrose

Acids
Acridines
Acroleins
Acrylates
Acrylic acid
Acylation
Adamantanes
Addition reactions
Adenine
Adenosine
Adenosine phosphates
Aerозine
Alanines
Alcohols
Aldehydes
Aldoximes
Aldrin
Aliphatic acids
Aliphatic compounds
Aliphatic hydrocarbons
Alkaloids
Alkanes
Alkenes
Alkoxy radicals
Alkyl radicals
Alkylation
Alkynes
Alloxan
Allyl compounds
Aluminates
Aluminum compounds
Aluminum hydrides
Aluminum laurate
Amides
Amidines
Amines
Amino acids
Ammonium compounds
Ammonium picrate
Amphetamines
Anhalonium alkaloids
Anhydrides
Anilines
Anisole
Anthracenes
Anthranilic acid
Anthraquinones
Anthrones
Antimonates
Antimony compounds
Antioxidants
Aromatic compounds
Aromatic hydrocarbons
Arsenates
Arsenic compounds
Arsines

Arsonic acid
Aryl ethers
Aryl radicals
Ascorbates
Aspartic acid
Atropine
Azides
Azines
Azobenzenes
Azoles
Barbiturates
Barbituric acids
Barium compounds
Benzaldehydes
Benzene
Benzene compounds
Benzeneboronic acid
Benzimidazoles
Benzoates
Benzoic acids
Benzoin
Benzonitriles
Benzophenones
Benzoxazoles
Benzyl radicals
Beryllium compounds
Bicarbonates
Binary chemical agents
Binary compounds
Biphenyl
Biscyclopentadienones
Bismuth compounds
Boranes
Borates
Boron compounds
Bromination
Bromine compounds
Butadienes
Butanes
Butanols
Butanones
Butenes
Butyl radicals
Butyrates
Butyric acids
Cadmium compounds
Caffeine
Calcium carbonates
Calcium compounds
Cannabinols
Caprolactones
Carbachol
Carbamates
Carbamic acid
Carbinols
Carbon carbon lyases

Carbon compounds
 Carbon disulfide
 Carbon tetrabromide
 Carbon tetrachloride
 Carbon tetrafluoride
 Carbonic acid
 Carbonyl compounds
 Carboranes
 Carboranyl radicals
 Carboxyl groups
 Carboxylic acids
 Carminic Acid
 Catalytic oxidation
 Catecholamines
 Cesium compounds
 Chelate compounds
 Chelating agents
 Chemical composition
 Chemical compounds
 Chemical derivatives
 Chemical radicals
 Chemicals
 Chlordane
 Chlorinated hydrocarbons
 Chlorination
 Chlorine compounds
 Chlorobenzene
 Chloroethanes
 Chloroform
 Chloromethanes
 Chlorophylls
 Chloroprenes
 Chlorpromazine
 Cholesterol
 Cholines
 Chromium compounds
 Chromophores
 Cinchona alkaloids
 Cinnamic acid
 Citrates
 Citric acid
 Clarifiers
 Clathrate compounds
 Cobalt compounds
 Cocaine
 Colchicine
 Complex compounds
 Complex ions
 Condensation reactions
 Copper compounds
 Coumarins
 Crosslinking (Chemistry)
 Crown ethers
 Cubanes
 Cumenes
 Cyanamides
 Cyanates
 Cyanides
 Cyanine
 Cyanogen
 Cyanuric acid
 Cyclic compounds
 Cycloalkanes
 Cycloalkenes
 Cyclobutanes
 Cycloheptatrienes
 Cyclohexadiene diyridene dimalononit
 Cyclohexanes
 Cyclohexanols
 Cyclohexanones
 Cyclohexenes
 Cyclooctanes
 Cyclooctatetraene
 Cyclopentanes
 Cyclopentenes
 Cyclophosphamide
 Cyclopropanes
 Cysteine
 Cystine
 Cytochemistry
 Cytosine
 Decanes
 Dehydrogenation
 Denitrification
 Depolymerization
 Diazinon
 Diazo compounds
 Dibasic organic acids
 Dichlorodifluoromethane
 Dieldrin
 Diene synthesis
 Dienes
 Dimethylcyclohexene
 Dimethylhydrazines
 Dioxanes
 Dissolved solids concentration
 Displacement reactions
 Disproportionation
 Dissociation
 Distillates
 Dithiins
 Dithizone
 Dopamine
 Eicosane
 Elimination reactions
 Epinephrine
 Epoxy compounds
 Ergot alkaloids
 Esters
 Ethanes
 Ethanolamine
 Ethanols

Ethers	Halohydrins
Ethyl centralite	Heptanes
Ethyl ethers	Heterocyclic compounds
Ethyl radicals	Hexadecane
Ethylene	Hexafluorobenzene
Ethylene glycol	Hexamethonium
Ethylene oxide	Hexamines
Ethylenediamine	Hexanes
Ethylenedinitrilo tetraacetates	Hexenes
Ethyleneimines	Hexyl radicals
Ethylenes	Hippuric acid
Exchange reactions	Histidine
Fatty acids	Hydantoins
Fermentation	Hydrazides
Ferrocenes	Hydrazine derivatives
Fluorenes	Hydrazines
Fluorenes	Hydrazones
Fluorescent dyes	Hydrocarbons
Fluorinated hydrocarbons	Hydrogenation
Fluorination	Hydrolysis
Fluorine compound	Hydroperoxides
Fluoroamines	Hydroxamic acids
Folic acid	Hygric acid
Formaldehyde	Imidazoles
Formamides	Imides
Formamidines	Imines
Formates	Imino diacetic acid
Formic acid	Indanthrenes
Friedel Crafts reactions	Indium compounds
Furaldehydes	Indoles
Furans	Inosine
Furoxanes	Iodination
Gallium compounds	Iodine compounds
Germanates	Iridium compounds
Germanium compounds	Iron organic compounds
Glutamic acid	Isocyanates
Glutaric acid	Isocyanic acid
Glycerides	Isoniazid
Glycerols	Isoprene
Glycidyl ether	Ketenes
Glycidyl nitrate	Ketones
Glycine	Lactates
Glycolic acid	Lactic acid
Glycolipids	Lactones
Glycols	Laurates
Glycolysis	Lead compounds
Glyoxylic acid	Lecithin
Grignard reactions	Leucine
Grignard reagents	Levarterenol
Group III compounds	Levulinic acids
Guanidine nitrates	Ligands
Guanidines	Linoleic acid
Guanine	Linolenic acid
Gymnemic acid	Lipids
Halogen compounds	Lipoic acid
Halogenated hydrocarbons	Liquid propane

Lithium compounds
Lysis
Malathion
Maleic acid
Malic acid
Malonic acid
Manganese compounds
Mannitol
Mannose
Melamines
Meperidine
Mercury compounds
Metal carbonyls
Metal complexes
Metalation
Metalocenes
Methacrylates
Methane
Methanes
Methanols
Methionine
Methyl cellulose
Methyl hydrazines
Methyl radicals
Methyl sulfoxide
Methylal
Methylamine
Methylation
Methylene blue
Methylenes
Methylphosphonates
Molybdenum compounds
Monocyclic compounds
Monomers
Morphine
Morpholine
Muscarine
Naphthalenes
Nickel compounds
Nicotine
Nicotinic acid
Niobium compounds
Nitramines
Nitrates
Nitration
Nitrification
Nitriles
Nitro radicals
Nitrobenzenes
Nitroethane
Nitrogen compounds
Nitrogen heterocyclic compounds
Nitroglycerin
Nitromethane
Nitrophenols
Nitroso compounds

Nitrotoluenes
Nonane
Nonyl radicals
Norcarane
Norepinephrine
Nucleic acids
Nucleophilic reactions
Nucleosides
Nucleotides
Octadecanes
Octanoic acid
Octol
Octyl radicals
Oil products
Oleates
Oleic acid
Opium alkaloids
Organic acids
Organic chemistry
Organic compounds
Organic materials
Organic nitrogen compounds
Organic oxygen compounds
Organic phosphorus compounds
Organic radicals
Organic sulfur compounds
Organoboranes
Organometallic compounds
Organophosphates
Oxadiazoles
Oxalacetic acid
Oxalates
Oxalic acid
Oxamides
Oxazines
Oxetanes
Oxidation
Oxidation reduction reactions
Oximes
Oxygen compounds
Oxygen heterocyclic compounds
Oxylates
Ozonides
Palladium compounds
Parathion
Pentadienes
Pentanes
Pentanol
Pentanones
Peracetic acid
Peroxides
PETN
Phenanthrenes
Phenols
Phenothiazines
Phenoxyacetic acids

Phenyl ether
 Phenyl radicals
 Phenylalanine
 Phenylamines
 Phenylenediamines
 Phosgene
 Phosphates
 Phosphinates
 Phosphinic acids
 Phosphites
 Phosphonates
 Phosphonium compounds
 Phosphoric acids
 Phosphorus compounds
 Phosphorus heterocyclic compounds
 Phosphorylation
 Phthalates
 Phthalic acids
 Phthalocyanines
 Physostigmine
 Picric acid
 Piperazines
 Piperidines
 Platinum compounds
 Polyanilines
 Polychlorinated biphenyls
 Polycyclic compounds
 Polyethers
 Polypyrroles
 Porphyrins
 Potassium compounds
 Potassium titanyl phosphates
 Primaquine
 Propane
 Propanols
 Propenes
 Propionates
 Propionic acid
 Propionitrile
 Propel radicals
 Propylene glycol
 Propylidenes
 Purines
 Pyrazoles
 Pyridines
 Pyridoxines
 Pyrimethamine
 Pyrimidines
 Pyrroles
 Pyrrolidines
 Pyruvates
 Pyruvic acid
 Quinazolines
 Quinine
 Quinolines
 Quinones
 Quinoxalines
 Radium compounds
 Reduction (Chemistry)
 Reserpine
 Resorcinol
 Retinoic acids
 Rhenium compounds
 Rhodium compounds
 Ribonucleic acids
 Salicylates
 Salicylic acids
 Salts
 Saponification number
 Scopolamine
 Sebacic acid
 Selenium compounds
 Serine
 Serotonin
 Silicon compounds
 Silicon germanium (SiGe)
 Silicones
 Siloxanes
 Silver compounds
 Sodium compounds
 Solvolysis
 Spiro compounds
 Stannates
 Steroids
 Stilbenes
 Strychnos alkaloids
 Styphnates
 Styphnic acids
 Styrenes
 Substitution reactions
 Succinates
 Succinic acid
 Succinimides
 Sugar acids
 Sulfamates
 Sulfamic acids
 Sulfation
 Sulfinates
 Sulfinic acids
 Sulfonamides
 Sulfonates
 Sulfones
 Sulfonic acids
 Sulfoxides
 Sulfur compounds
 Sulfur heterocyclic compounds
 Sulfuration
 Synthesis (Chemistry)
 Tannic acid
 Tantalum compounds
 Tar
 Tartrates

Tellurium compounds
Terpenes
Terephthalic acid
Tetracyanoethylene
Tetrazenes
Tetrazaoles
Tetryl
Thallium compounds
Thebaine
Thiazoles
Thiocyanates
Thiols
Thiophenes
Thiourea
Thorium compounds
Titanium compounds
Toluenes
Toluidines
Triacetin
Triazines
Tributyl tin
Trichloroethanes
Trichloroethylene
Trichlorosilane
Triethylaluminum
Trimethylaluminum
Tryptophan
Unsaturated hydrocarbons
Uracils
Uranium compounds
Urea
Ureides
Urethanes
Vanadium compounds
Vanillic acids
Vinyl alcohol
Vinyl radicals
Vinylpyrrolidone
Water soluble materials
Xylenes
Zinc compounds
Zirconium compounds
Zirconyl radicals

07/04 Physical Chemistry

Acid base equilibrium
Activation
Adhesion
Adsorption
Aerogels
Aerosols
Air entrainment
Alkalinity
Amphoteric
Analytical chemistry
Anions

Aqueous solutions
Arrhenius equation
Atmospheric chemistry
Atmospheric corrosion
Azeotropes
Bases (Chemistry)
Boiling
Boiling point
Breakpoint temperatures
Brownian motion
Buffers (Chemistry)
Calcination
Catalysis
Catalysts
Catalytic oxidation
Cations
Caustics
Chalking properties
Chemical analysis
Chemical attack (Degradation)
Chemical bonds
Chemical contamination
Chemical dissociation
Chemical equilibrium
Chemical indicators
Chemical precipitation
Chemical reactions
Chemical shifts
Chemisorption
Chromatographic analysis
Chromatographs
Chromatography
Closed bomb tests
Coagulation
Cohesion
Cold gases
Colloids
Colorimetric analysis
Column chromatography
Composition (Property)
Computational chemistry
Concentration (Chemistry)
Concentration (Composition)
Condensation
Condensation nuclei
Conductive liquids
Contaminants
Contamination
Covalent bonds
Crystal chemistry
Decay
Decomposition
Degredation
Dehydration
Deionization
Dense gases

Density functional theory
 Desorption
 Desulfurization
 Deterioration
 Diamond films
 Dilution
 Dipolar ions
 Discoloration
 Dispersions
 Dissipation
 Dissolved gases
 Dissolving
 Electrochemistry
 Electrodialysis
 Electrolysis
 Electrolytes
 Electroosmosis
 Electrophoresis
 Elution
 Emulsions
 Endothermic reactions
 Energetic properties
 Energy density
 Entrainment
 Epoxidation
 Eutectics
 Evaporation
 Evolution (General)
 Exothermic reactions
 Films
 Filtration
 First principles calculations
 Free radicals
 Freezing
 Fused salts
 Gas breakdown
 Gas chromatography
 Gas evolution
 Gas surface interactions
 Gases
 Gel permeation chromatography
 Gelation
 Gels
 Gettering
 Gravimetric analysis
 Hardening
 Heat of activation
 Heat of combustion
 Heat of reaction
 Heterogeneity
 Homogeneity
 Hydration
 Hydroforming (Chemical)
 Hydrogen bonds
 Hydrolysis
 Hydrophobic properties
 Hygroscopicity
 Ideal gas law
 Impurities
 Infusions
 Inhibitors
 Interactions
 Interfacial tension
 Interstitial
 Ion exchange
 Ion exchange resins
 Ionization potentials
 Irreversible processes
 Langmuir Blodgett films
 Latent heat
 Layers
 Leaching
 Liquefaction
 Liquefied gases
 Liquid chromatography
 Liquid crystal display systems
 Liquid crystal polymers
 Liquid crystals
 Liquid phases
 Liquids
 Litmus paper
 Litmus tests
 Macromolecules
 Mass transfer
 Melting
 Mesomorphic compounds
 Metamorphosis
 Metastable state
 Micelles
 Microanalysis
 Miscibility
 Mixtures
 Moisture
 Moisture content
 Monomolecular films
 Neutralization
 Nonaqueous electrolytes
 Nucleation
 Osmosis
 Oxidation resistance
 Partial pressure
 Particulates
 Passivity
 Percolation
 Permeability
 pH factor
 Phase studies
 Phase transformations
 Photofragment spectroscopy
 Physical chemistry
 Physical properties
 Physicochemical properties

Polarographic analysis
Polarography
Polyelectrolytes
Potentiometric analysis
Potentiostatic techniques
Precipitates
Purity
Pyrolysis
Qualitative analysis
Quantitative analysis
Quantum chemistry
Quick reaction
Reactants (Chemistry)
Reaction kinetics
Reaction time
Reactive gases
Recombination reactions
Reducing agents
Response
Saline solution
Salinity
Salt water corrosion
Saturation
Schoenemann reactions
Sea water corrosion
Self assembled monolayers
Semipermeability
Slurries
Smectic phase
Sol gel processes
Solid electrolytes
Solid phases
Solid solutions
Solid state Chemistry
Solidification
Solidified gases
Solids
Solubility
Solutes
Solutions (Mixtures)
Solvates
Solvation
Solvent extraction
Sorption
Spectrophotometry
Spinodal decomposition
Stereochemistry
Stoichiometry
Structural properties
Sublimation
Supercritical water oxidation
Supernatant liquors
Surface analysis
Surface chemistry
Surface properties
Surface reactions

Surface tension
Synthesis (Chemistry)
Thermal degradation
Thermochemistry
Thermogravimetric analysis
Thin layer chromatography
Titration
Trace gases
Transformations
Transitions
Tropical deterioration
Vapor phases
Vapor pressure
Vaporization
Vapors
Vitrification
Volatility
Volumetric analysis
Wetting
X ray absorption analysis
Zone melting

07/05 Radiation and Nuclear Chemistry

Chemiluminescence
Degredation
Deterioration
Infrared phosphors
Laser induced fluorescence
Lysis
Nuclear chemistry
Phosphors
Photoactivation analysis
Photochemical reactions
Photochemistry
Photochromic materials
Photochromism
Photodecomposition
Photodegradation
Photodissociation
Photolysis
Photosynthesis
Photothermal properties
Radiation chemistry
Radioactivation analysis
Radioactive series
Radiochemistry
Radiochemistry laboratories
Radiolysis
Radionuclides
Tracer studies

07/06 Polymer Chemistry

Acrylonitrile polymers
Aldehyde polymers
Azulenes
Block copolymers

Block polymers
Carbenes
Cetane number
Chemical composition
Chemicals
Chlorosilanes
Conductive polymers
Conjugated polymers
Copolymerization
Copolymers
Dendrimers
Dimers
Dodecane
Fluoropolymers
Graft polymerization
Hydroxy terminated polybutadiene
Inorganic polymers
Ionomers
Isomerization
Isomers
Light emitting polymers
Liquid crystal polymers
Microcontact molding
Olefin polymers
Oligomers
Phosphazene
Polybenzimidazole
Polyanilines
Polybutadiene
Polycarbonates
Polyelectrolytes
Polymerization
Polymers
Polytetrafluoroethylene
Polythiophenes
Rigid rod polymers
Rubrenes
Side chain liquid crystal polymers
Side chains (Chemistry)
Silastic compounds
Sol gel processes
Stereospecific polymers
Tetrafluoroethylene resins

08 Earth Sciences and Oceanography

Earth sciences
Physical sciences

08/01 Biological Oceanography

Aquatic animals
Aquatic biology
Aquatic insects
Aquatic organisms
Aquatic plants
Atolls

Benthic zones
Benthonic zones
Biological oceanography
Chondrichthyes
Coral
Coral reefs
Euphotic zones
Larvae
Lobster
Marine biological noise
Marine biology
Nekton
Oligochaeta

08/02 Cartography and Aerial Photography

Aerial photographs
Aerial photography
Aerial surveys
All sky cameras
Base lines
Cartography
Coordinates
Digital maps
Earth models
Elevation
Geobotanical mapping
Grids
Grids (Coordinates)
Hypsography
Latitude
Longitude
Map projection
Map reading
Mapping
Maps
Measurement
Photogrammetry
Photointerpretability
Photointerpretation
Photointerpretation keys
Planimetry
Radar mapping
Satellite photography
Stereomapping
Stereophotogrammetry
Stereoscopic map plotters
Stereoscopic mapping instruments
Surface truth
Terrain models
Topographic cameras
Topographic maps
Triangulation
Video mapping

08/03 Physical and Dynamic

Oceanography

Abyssal zones
Air water interactions
Atolls
Bathyal zones
Bathymetry
Bathythermograph data
Bathythermographs
Beach erosion
Beaches
Bottom
Bottom waters
Chemical oceanography
Coasts
Continental shelves
Continental slopes
Coral reefs
Currents
Deep depth
Deep oceans
Deep scattering layers
Deep water
Deltas
Depth
East Pacific Rise
Electrokinetographs
Fronts (Oceanography)
GEK data
Geodetic astronomy
Geostrophic currents
Gulf Stream
Hydroacoustics
Hydrographic surveying
Interactions
Internal waves
Labrador Current
Littoral zones
Marine geology
Marine geophysics
Midatlantic Ridge
Military oceanography
Mixed layer (Marine)
North Atlantic Current
Ocean basins
Ocean bottom
Ocean bottom sampling
Ocean bottom soils
Ocean bottom topography
Ocean currents
Ocean environments
Ocean models
Ocean ridges
Ocean surface
Ocean tides
Ocean waves

Oceanic crust
Oceanographic data
Oceanographic equipment
Oceanography
Oceans
Offshore
Open water
Reefs
Salt water
Sea states
Sea water
Seafloor spreading
Seamounts
Sediment transport
Sedimentation
Sedimentology
Sediments
Shallow depth
Shallow water
Soil erosion
Sounds (Waterways)
Submarine canyons
Submarine trenches
Submarine troughs
Subsurface
Surf
Surface waves
Thermoclines
Thermographs
Tidal currents
Tides
Tongue of the ocean
Troughs
Turbidity currents
Underwater
Upwelling
Water chemistry
Water erosion
Water masses
Water waves

08/04 Geomagnetism

Electrokinetographs
Geomagnetism
Magnetic anomalies
Magnetic disturbances
Magnetic storms
Paleomagnetism
Telluric currents
Terrestrial magnetism

08/05 Geodesy

Altitude
Astronomical geodesics
Bouguer gravity anomalies
Earth models

Elevation
Geodesics
Geodesy
Geodetic astronomy
Geodetic satellites
Geodetic surveys
Geoids
Geopotential
Gravimeters
Gravitational fields
Gravity
Gravity anomalies
Ground level
Horizon
Latitude
Longitude
Low elevation
Medium altitude
Sea level
Surveying (Geographic)

08/06 Geography

Aden Gulf
Adriatic Sea
Aegean Sea
Afghanistan
Africa
Alabama
Alabama River
Alaska
Alaska Gulf
Albania
Alberta
Aleutian Islands
Algeria
Amazon River
Angola
Antarctic regions
Appalachian Mountains
Arabia
Arabian Sea
Archipelagoes
Arctic Ocean
Arctic Ocean islands
Arctic regions
Area studies
Argentina
Arid land
Arizona
Arkansas
Arkansas River
Armenia
Ascension Island
Asia
Atlantic Ocean
Atlantic Ocean islands

Australia
Austria
Azerbaijan
Azores
Baffin Bay
Baffin Island
Bahama Islands
Bahrain
Baja California
Baltic countries
Baltic Sea
Bangladesh
Barbados
Barents Sea
Barrow (Alaska)
Barter Island
Basins (Geographic)
Bays
Beaufort Sea
Belarus
Belgium
Belize
Bengal Bay
Bering Sea
Bering Strait
Berlin
Bermuda
Bikini Atoll
Black Sea
Block Island
Block Island Sound
Bolivia
Borneo
Bosnia Herzegovina
Brazil
British Columbia
Bulgaria
Burma
Burundi
Buzzards Bay
California
California Gulf
Cambodia
Canada
Canary Islands
Canton Islands
Canyons
Cape Hatteras
Caribbean Sea
Caspian Sea
Central America
Central Asia
Central Europe
Chesapeake Bay
Chile
China

Christmas Island
Chukchi Sea
CIS
Cliffs
Coastal regions
Cold regions
Colombia
Colorado
Colorado River
Columbia River
Congo
Congo (Democratic Republic of)
Congo River
Connecticut
Connecticut River
Copper River
Costa Rica
Craters
Croatia
Cuba
Cyprus
Czech Republic
Czechoslovakia
Delaware
Delaware Bay
Delaware River
Denmark
Deserts
Diego Garcia
Distribution
District of Columbia
Dominican Republic
Dunes
East Africa
East China Sea
East Germany
Eastern Europe
Ecuador
Egypt
El Salvador
Ellesmere Island
Enewetok Atoll
English Channel
Equatorial regions
Estonia
Ethiopia
Eurasia
Europe
Fairbanks (Alaska)
Falkland Islands
Far East
Faroe Islands
Finland
Fjords
Florida
Florida Strait

Fram Strait
France
Franz Josef Land
French Guiana
Fundy Bay
Galapagos Islands
Geographic areas
Geographical distribution
Geography
Georgia
Georgia (Republic)
Germany
Germany (East and West)
Ghana
Gibraltar
Gibraltar Strait
Grand Forks
Grasslands
Great Britain
Great Lakes
Greece
Greenland
Greenland Sea
Grenada
Guajira Peninsula
Guam
Guatemala
Gulfs
Guyana
Haiti
Harbors
Hawaii
Hemispheres
High latitudes
Honduras
Hong Kong
Hormuz Strait
Hot regions
Hudson Bay
Hungary
Iberian Peninsula
Iceland
Idaho
Illinois
India
Indian Ocean
Indian Ocean islands
Indiana
Indonesia
Inshore areas
Ionian Sea
Iowa
Iowa River
Iran
Iraq
Ireland

Islands
Israel
Italy
Ivory Coast
Jamaica
Japan
Japan Sea
Java
Java Sea
Johnston Island
Jordan
Juan de Fuca Strait
Jungles
Kamchatka Peninsula
Kansas
Kara Sea
Kazakhstan
Kentucky
Kenya
Kirgyzia
Korea
Korean Strait
Kosovo
Kurile Islands
Kuwait
Kwajalein Atoll
Labrador Sea
Lagoons (Landforms)
Lake Erie
Lake Huron
Lake Michigan
Lake Ontario
Lake Superior
Land areas
Laos
Latin America
Latvia
Lebanon
Lesser Antilles
Liberia
Libya
Ligurian Sea
Lithuania
Long Island Sound
Los Angeles (California)
Louisiana
Luxembourg
Macedonia
Madagascar
Maine
Maine Gulf
Malawi
Malaya
Malaysia
Maldives
Malta

Manchuria
Manitoba
Marshall Islands
Maryland
Massachusetts
Massachusetts Bay
Mauritania
Mauritius
Mediterranean Sea
Mediterranean Sea islands
Mekong Delta
Melanesia
Mexico
Mexico Gulf
Michigan
Micronesia
Middle East
Midway Island
Minnesota
Mississippi
Mississippi River
Missouri
Missouri River
Moldova
Monaco
Mongolia
Montana
Montenegro
Morocco
Mountains
Mozambique
Narragansett Bay
Nations
Nebraska
Nepal
Netherlands
Nevada
New Brunswick
New England
New Guinea
New Hampshire
New Jersey
New Mexico
New York
New York City (New York)
New Zealand
Newfoundland (Province)
Nicaragua
Nigeria
North Africa
North America
North Atlantic Ocean
North Carolina
North Dakota
North Korea
North Pacific Ocean

North Sea
North Vietnam
Northeast Asia
Northern Europe
Northern hemisphere
Northwest Territories
Norway
Norwegian Sea
Nova Scotia
Ohio
Ohio River
Okhotsk Sea
Okinawa
Oklahoma
Oman
Oman Gulf
Ontario
Oregon
Outer Mongolia
Overseas
Pacific Ocean
Pacific Ocean islands
Pakistan
Panama
Panama Canal
Paraguay
Passamaquoddy Bay
Pearl Harbor
Peninsulas
Pennsylvania
Persian Gulf
Peru
Philippine Sea
Philippines
Plateaus
Pohai Gulf
Poland
Polar cap
Polar regions
Polynesia
Portugal
Potomac River
Puerto Rico
Puget Sound
Qatar
Quebec
Queen Elizabeth Islands
Red Sea
Regions
Remote areas
Rhode Island
Rhodesia
Rocky Mountains
Ross Sea
Rumania
Russia

Rwanda
Ryukyu Islands
Saharan Africa
Saint Lawrence Seaway
Saint Louis (Missouri)
San Diego Bay
San Francisco Bay
Santa Barbara Islands
Sardinia
Sargasso Sea
Saskatchewan
Saudi Arabia
Scotland
Serbia
Siberia
Sicily
Sinai
Singapore
Skagerrak
Slovakia
Slovenia
Somalia
South Africa
South America
South Asia
South Atlantic Ocean
South Carolina
South China Sea
South Dakota
South Korea
South Pacific Ocean
South Vietnam
Southeast Asia
Southern Europe
Southern hemisphere
Southwest Asia
Spain
Sri Lanka
Stilling basins
Straits
Subarctic regions
Subsaharan Africa
Subtropical regions
Sudan
Suez Canal
Suez Gulf
Sumatra
Surinam
Surveying (Geographic)
Sweden
Switzerland
Syria
Taiwan
Tajikistan
Tanzania
Tasman Sea

Temperate regions
Tennessee
Tennessee River
Texas
Thailand
Tibet
Tombigbee River
Tonkin Gulf
Topography
Trinidad
Tropical regions
Tundra
Tunisia
Turkey
Turkmenistan
Tyrrhenian Sea
Uganda
Ukraine
United Arab Emirates
United Kingdom
United States
Uruguay
USSR
Utah
Uzbekistan
Valleys
Venezuela
Vermont
Vietnam
Virgin Islands
Virginia
Volcano Islands
Wake Island
Ward Hunt Island
Washington (State)
West Africa
West Germany
West Indies
West Virginia
Western Europe
White Sea
Wisconsin
Wyoming
Yellow Sea
Yemen
York River
Yugoslavia
Yukon Territory
Zaire
Zambia
Zanzibar
Zimbabwe

08/07 Geology, Geochemistry and Mineralogy
Alluvium

Anthracite
Aquicludes
Aquifers
Aragonite
Asbestos
Autointrusion
Basalt
Beryl
Bituminous coal
Boehmite
Boulders
Calcite
Carbonate minerals
Caves
Char oil
Cinnabar
Clay
Clay minerals
Clayey soils
Coal
Continental drift
Core sampling
Crude oil
Deposits
Diamonds
Diatomaceous earth
Dolomite
Earth core
Earth crust
Earth interior
Earth mantle
Earth surface
Earth tides
Engineering
Engineering geology
Eucryptite
Faults (Geology)
Fayalite
Feldspar
Ferromanganese minerals
Fine grained materials
Folds (Geology)
Fossil fuels
Fossils
Fullers earth
Fused silica
Garnet
Gems (Minerals)
Geoacoustics
Geochemistry
Geodetic astronomy
Geologic age determination
Geologic formation
Geologic models
Geological survey
Geology

Geomorphology
 Geophysics
 Geotechnical engineering
 Geothermy
 Glacial deposits
 Glacial geology
 Granite
 Graphite
 Gravel
 Grit
 Gypsum
 Hematite
 Igneous rock
 Inclusions
 Isostatic change
 Kaolinite
 Landforms
 Laterites
 Lava
 Layers
 Limestone
 Lithology
 Lithosphere
 Littoral drift
 Loams
 Loess
 Magma
 Magnetite
 Margarite
 Marine geology
 Metamorphic geology
 Metamorphic rock
 Metamorphosis
 Mica
 Micropaleontology
 Mineralization
 Mineralogy
 Minerals
 Mohorovicic discontinuity
 Monazite
 Montmorillonite
 Mud
 Muskeg
 Natural disasters
 Obsidian
 Oil reservoirs
 Oil shales
 Olivine
 Ores (Metal sources)
 Ores (Nonmetallic)
 Organic soils
 Orogeny
 Orography
 Paleoclimatology
 Paleontology
 Peat
 Pegmatite
 Peridotite
 Perovskites
 Petrochemistry
 Petrography
 Petroleum geology
 Petrology
 Photogeology
 Plagioclase
 Playas
 Porous materials
 Proustite
 Pyrargyrite
 Pyrite
 Quartz
 Quartzite
 Regolith
 Ridges
 Rift valleys
 Rock
 Rock forming minerals
 Rock mechanics
 Rock salt
 Ruby
 Rutile
 Sand
 Sandbars
 Sandstone
 Sapphire
 Schist
 Sedimentary rock
 Shale
 Shale oil
 Soil chemistry
 Soil classification
 Soil erosion
 Soil sampling
 Soil science
 Soil stabilization
 Soil surveys
 Soils
 Sources
 Spherulites
 Spinel
 Spodumene
 Stratification
 Stratigraphy
 Striations
 Structural geology
 Subsurface
 Synthetic stones
 Talc
 Tectonics
 Terrain
 Tourmaline
 Tracer studies

Tuff
Underground
Vadose zone
Volcanism
Volcanoes
Water erosion
Weathering
Wetlands
Wind erosion
Yttrium aluminum garnet
Yttrium iron garnet

08/08 Hydrology, Limnology and Potamology

Air water interactions
Aquicludes
Beaches
Bottom waters
Brackish water
Canals
Channels (Waterways)
Cold water
Currents
Deep water
Deltas
Depth
Drainage
Drawdown
Dry lakes
Estuaries
Evapotranspiration
Everglades
Flood plains
Flooding
Floods
Flushing rate
Fresh water
Ground water
Hard water
Hydraulic conductivity
Hydrogeology
Hydrography
Hydrology
Inland waterways
Inlets (Waterways)
Interactions
Lake waves
Lakes
Limnetic zones
Limnology
Natural disasters
Percolation
Playas
Ponds
Potamology
Rain erosion

River currents
Rivers
Runoff
Sandbars
Sediment transport
Sedimentation
Sedimentology
Sediments
Seepage
Shallow depth
Shallow water
Shore protection
Shores
Slime
Soil erosion
Springs (Water)
Streamflow analysis
Streams
Subsurface
Surface waters
Suspended sediments
Swamps
Tidewater
Tributaries
Water
Water analysis
Water chemistry
Water erosion
Water masses
Water resources
Water table
Water wells
Watersheds
Waterways
Weirs

08/09 Mining Engineering

Blowouts
Boreholes
Coal mines
Drilling
Earth penetrating devices
Engineering
Excavation
Gas caps
Geophysical prospecting
Holes (Openings)
Mine shafts
Mines (Excavations)
Mining engineering
Offshore drilling
Oil fields
Oil wells
Rock drilling
Surface mines
Trenching

Tunneling

08/10 Soil Mechanics

Artificial soils
Backfills
Cohesionless soils
Cohesive soils
Compacting
Cone penetration tests
Consolidation tests (Soils)
Dirt
Frost heave
Frozen soils
Heaving
Interactions
Landslides
Loams
Mud
Muskeg
Organic soils
Pore pressure
Saturated soils
Schist
Silt
Slope stability
Soil compaction
Soil consolidation
Soil dynamics
Soil mechanics
Soil models
Soil settlement
Soil stabilization
Soil structure interactions
Soil surveys
Soil tests
Soils
Trafficability
Tuff

08/11 Seismology

Arrays
Aseismic areas
Earth movement
Earthquake warning systems
Earthquakes
Epicenters
Flyer plates
Geophones
Gravimetry
Ground motion
Ground shock
Love waves
Microseisms
Natural disasters
Primary waves (Seismic waves)
Seismic arrays

Seismic data
Seismic reflection
Seismic velocity
Seismic waves
Seismographs
Seismological stations
Seismology
Seismometers
Tsunamis
Velocity

08/12 Snow, Ice and Permafrost

Avalanches
Deicing materials
Frozen soils
Glaciers
Glaciology
Ice
Ice breakup
Ice caps
Ice formation
Ice islands
Ice lenses
Ice mechanics
Ice openings
Ice penetration
Ice prevention
Ice reporting
Icebergs
Land ice
Marginal ice zones
Pack ice
Permafrost
Sea ice
Snow
Snow cover
Snow removal
Snowdrifts
Snowfields
Trafficability
Underice
Whiteout

09 Electrotechnology and Fluidics

Electrical engineering
Engineering

09/01 Electrical and Electronic Equipment

Acoustic arrays
Acoustic delay lines
Adaptive control systems
Adaptive filters
Air gaps
Amplification
Amplifiers

Anharmonic oscillators	Cavity resonators
Anodes	Cells
Anodes (Electrolytic cell)	Ceramic capacitors
Anodes (Electron tubes)	Cesium electron tubes
Antenna apertures	Channel selectors
Antenna arrays	Charge coupled devices
Antenna components	Chips (Electronics)
Antenna configurations	Chirp filters
Antenna couplers	Circuit boards
Antenna feeds	Circuit interconnections
Antenna masts	Circuits
Antenna pedestals	Circular antennas
Antenna simulators	Clamping circuits
Antennas	Clipper circuits
Apertures	Closed loop systems
Armatures	Coaxial cables
Arrays	Coaxial filters
Asynchronous systems	Coils
Asynchronous transfer mode	Cold cathode tubes
Attenuators	Comb filters
Audio amplifiers	Commutators
Automatic frequency control	Compensators
Automatic gain control	Condenser tubes
Autotransformers	Configurations
Avalanche diodes	Conformal antennas
Avalanche photodiodes	Conical antennas
Avionics	Connectors
Backfire antennas	Converters
Backward wave amplifiers	Correlators
Backward wave oscillators	Coupled antennas
Backward wave tubes	Coupling circuits
Bandpass amplifiers	Crossbar switches
Bandpass filters	Crossed field devices
Bandstop filters	Crystal detectors
Beam lead technology	Crystal filters
Beam leads	Crystal holders
Beam power tubes	Crystal mixers
Beverage antennas	Crystal oscillators
Biconical antennas	Crystal ovens
Bipolar transistors	Crystal rectifiers
Bistable devices	Current amplifiers
Blocking	Current limiters
Broadband antennas	Current regulators
Broadband transducers	Cylindrical antennas
Brushless electric equipment	Dark trace tubes
Bulk semiconductors	DC to DC converters
Capacitors	Deflection
Carbon brushes	Deflection coils
Carbon resistors	Delay circuits
Carcinotrons	Delay lines
Cassegrain antennas	Demodulators
Cathode followers	Detectors
Cathode ray tube screens	Dielectric amplifiers
Cathodes	Dielectric waveguides
Cathodes (Electrolytic cell)	Digital filters
Cathodes (Electron tubes)	Diodes

Diodes (Electron tubes)
Diplexers
Dipole antennas
Directional antennas
Discharge tubes
Discone antennas
Discriminators
Distributed amplifiers
Down converters
Drives (Electronics)
Dry disk rectifiers
Dual channel
Dummy loads (Electricity)
Duplexers
Dynodes
Electric bridges
Electric cables
Electric coils
Electric conductors
Electric connectors
Electric contacts
Electric filters
Electric motor stators
Electric motors
Electric relays
Electric shunts
Electric switches
Electric terminals
Electric wire
Electrical brushes
Electrical equipment
Electrical networks
Electrode holders
Electrodes
Electrolytic capacitors
Electrolytic cells
Electromagnetic wave filters
Electron guns
Electron multipliers
Electron tube components
Electron tube heaters
Electron tube parts
Electron tube sockets
Electron tube targets
Electron tubes
Electronic commutators
Electronic equipment
Electronic multipliers
Electronic relays
Electronic scanners
Electronic switches
Electronic switching
Electronics
Electronics laboratories
Equivalent circuits
Exciters

Exploders
Failure
Failure (Electronics)
Feedback amplifiers
Field effect transistors
Field emission tubes
Field programmable gate arrays
Filament transformers
Film resistors
Fixed capacitors
Fixed contacts
Fixed inductors
Fixed resistors
Flat pack circuits
Flip chips
Flip flop circuits
Frequency converters
Frequency dividers
Frequency modulators
Frequency multipliers
Frequency shift converters
Frequency stabilizers
Frequency synthesizers
Full wave rectifiers
Fuses (Electrical)
Gates (Circuits)
Getters
Glass capacitors
Glass resistors
Gunn diodes
Gyrators
Gyrotrons
Half wave rectifiers
Harmonic generators
Helical antennas
Heterojunction bipolar transistors
High electron mobility transistors
High pass filters
Horn antennas
Hybrid circuits
Hydrogen electrodes
Ignitrons
Image intensifiers (Electronics)
Impatt diodes
Induction motors
Inductors
Injection diodes
Integrated circuits
Integrators
Intermediate frequency amplifiers
Interrupters
Inverter circuits
Ion selective electrodes
Junction boxes
Junction diodes
Junction transistors

Kinescopes
Klystrons
Large scale integration
Lead wires
Lens antennas
Limiter circuits
Limiters
Liquid filled coaxial cables
Local oscillators
Locators
Log periodic antennas
Log periodic structure
Logic circuits
Logic devices
Loop antennas
Low noise amplifiers
Low pass filters
Luneberg lens antennas
Luneberg lenses
Magnetic amplifiers
Magnetic circuits
Magnetic modulators
Magnetostrictive elements
Magnetrons
Malfunctions
Masts
Matched filters
Matrices (Circuits)
Mesa diodes
Metal contacts
Metal nitride oxide semiconductors
Metal oxide semiconductors
Mica capacitors
Microchannel plates
Microcircuits
Microelectromechanical systems
Microelectronics
Microphones
Microsensors
Microwave amplifiers
Microwave antennas
Microwave filters
Microwave oscillators
Microwave tubes
Miniature electrical equipment
Miniature electron tubes
Miniature electronic equipment
Mixer tubes
Mixers (Electronics)
Modulators
Modules (Electronics)
Monolithic microwave integrated circuits
Monolithic structures (Electronics)
Monopole antennas
Mosfet semiconductors
Motor starters

Motors
Multichannel
Multichip modules
Multiconductor cables
Multiple beam antennas
Multivibrators
N type semiconductors
Nand gates
Nanostructures
Nanotechnology
Nanowires
Narrow gap semiconductors
Negative resistance circuits
Neon tubes
Networks
Neuristors
Notch filters
NPN transistors
Nutating antennas
Omnidirectional antennas
Operational amplifiers
Oscillators
Oxide cathodes
Oxygen electrodes
P type semiconductors
Packaged circuits
Panel boards (Electricity)
Paper capacitors
Parabolic antennas
Parametric amplifiers
Parametric converters
Parametric devices
Parametric frequency converters
Parametrons
Pentodes
Phase detectors
Phase shift circuits
Phase transformers
Phased arrays
Photocathodes
Photodiodes
Photomultiplier tubes
Photoresistors
Piezoelectric transducers
Pin diodes
Planar structures
Plug in units
Plugs
Plumbicons
PNP transistors
Polarized relays
Polartrons
Power amplifiers
Power transformers
Preamplifiers
Pressure switches

Pressure transducers
Printed circuit boards
Printed circuits
Pulse amplifiers
Pulse cables
Pulse discriminators
Pulse generators
Pulse integrators
Pulse transformers
Pulse transmitters
Push buttons
Push pull amplifiers
Quartz capacitors
Quartz resonators
Radial beam tubes
Radiofrequency amplifiers
Radiofrequency cables
Radiofrequency filters
Radiofrequency oscillators
Rasters
Receivers
Rectifiers
Recursive filters
Redundant components
Reentrant electronics
Reflex klystrons
Registers (Circuits)
Relaxation oscillators
Relays
Repellers
Resistors
Resonators
Resonators
Retarding field oscillators
RFID (radiofrequency identification)
Rotary inverters
Rotary switches
Rotating antennas
Scalers
Schottky barrier devices
Second harmonic generation
Semiconductor devices
Semiconductor diodes
Semiconductors
Sequence switches
Servoamplifiers
Servomechanisms
Servomotors
Shadow mask tubes
Shunts
Signal generators
Silicon controlled rectifiers
Silicon germanium (SiGe)
Sliding contacts
Slip rings
Slot antennas

Slot lines
Slow wave circuits
Solenoids
Solions
Spiral antennas
Static dischargers
Static eliminators
Steerable antennas
Stepdown transformers
Stepper motors
Storage tubes
Subminiature electrical equipment
Subminiature electron tubes
Subminiature electronic equipment
Suppressors
Surges
Switchboards
Switches
Switching circuits
Synchronizing switches
Synchros
Tantalum capacitors
Tetrodes
Thermal switches
Thermicons
Thermistors
Thick films
Thin film capacitors
Thin film resistors
Thin film storage devices
Thin films
Thyratrons
Thyristors
Time delay relays
Time switches
Timing circuits
Toggle switches
Trailing wire antennas
Transceivers
Transducers
Transfer switches
Transistor amplifiers
Transistors
Transmission lines
Transmit receive tubes
Transmitter receivers
Transmitters
Trapatt devices
Traveling wave tubes
Trigger circuits
Triodes
Tube grids
Tuned amplifiers
Tuned circuits
Tuned filters
Tuning devices

Tunnel diodes
Underground antennas
Unfurlable antennas
Vacuum switches
Varactor diodes
Variable capacitors
Variable resistors
Varistors
Very large scale integration
Vibrators (Electrical)
Video amplifiers
Video converters
Video filters
Vidicons
Virtual cathode oscillators
Voltage amplifiers
Voltage controlled oscillators
Voltage dividers
Voltage regulation
Voltage regulators
Wafers
Waveguide bends
Waveguide circulators
Waveguide couplers
Waveguide filters
Waveguide irises
Waveguide slots
Waveguide switches
Waveguide windows
Waveguides
Whip antennas
Wide gap semiconductors
Wirewound resistors
Yagi antennas

09/02 Fluidics and Fluorics

Fluoric devices
Fluorics
Fluid amplifiers
Fluid control
Fluidic amplifiers
Fluidic control
Fluidics
Gas flow
Hydrofluidics

09/03 Lasers and Masers

Argon lasers
Arrays
Carbon dioxide lasers
Carbon monoxide lasers
Chemical lasers
Coherent optical radiation
Continuous wave lasers
Copper vapor lasers
Deuterium fluoride lasers

Diode lasers
Distributed feedback lasers
Dye lasers
Electrical lasers
Excimers
Fiber lasers
Free electron lasers
Gallium arsenide lasers
Gas dynamic lasers
Gas lasers
Glass lasers
Helium cadmium lasers
Helium neon lasers
High energy lasers
Hydrogen chloride lasers
Hydrogen fluoride lasers
Infrared lasers
Injection lasers
Lasers
Laser amplifiers
Laser applications
Laser arrays
Laser beams
Laser cavities
Laser components
Laser damage
Laser gases
Laser hazards
Laser materials
Laser mirrors
Laser modulators
Laser spectroscopy
Lasers
Liquid lasers
Masers
Metal vapor lasers
Mode locked lasers
Molecular lasers
Neodymium lasers
Nitrogen lasers
Oxygen iodine lasers
Quantum well lasers
Photorecombination lasers
Pulsed lasers
Ring lasers
Ruby lasers
Semiconductor lasers
Solid state lasers
Spin flip lasers
Surgical lasers
Tea lasers
Tunable lasers
Ultraviolet lasers
Vertical cavity surface emitting lasers
X ray lasers
Xenon lasers

YAG lasers

09/04 Line, Surface and Bulk Acoustic Wave Devices

Adaptive filters
Surface acoustic wave devices
Surface acoustic waves

09/05 Electrooptical and Optoelectronic Devices

Arrays
Camera tubes
Cathode ray tube screens
Cathode ray tubes
Cells
Color displays
Color television tubes
Display systems
Electron microscopes
Electrooptics
Fluorescent screens
Focal plane arrays
Group displays
Iconoscopes
Image converters
Image orthicons
Image tubes
Infrared image tubes
Infrared vidicons
Light amplifiers
Light emitting diodes
Liquid crystal display systems
Microoptical circuits
Optical circuits
Optical correlators
Optical interconnections
Optical limiters
Optical processing
Optical storage
Optical switching
Optoelectronics
Photoconductivity
Photoconductors
Photoelectric cells (Semiconductor)
Photoelectric effect
Photoelectric emission
Photoelectric materials
Photomagnetic effect
Phototransistors
Phototubes
Photovoltaic effect
Plasma panel displays
Scanning electron microscopes

09/06 Acoustooptic and Optoacoustic Devices

Acoustic filters
Acoustic microscopes
Acoustic resonators
Acoustooptics
Amplification
Amplifiers
Logarithmic amplifiers
Low noise amplifiers
Optoacoustic filters

09/07 Electromagnetic Shielding

Electromagnetic environments
Electromagnetic shielding
Radiation hardening
Shielding
Transient radiation effects

10 Power Production and Energy Conversion (Nonpropulsive)

Energy Conversion (Nonpropulsive)
Power Production

10/01 Non-electrical Energy Conversion

Conversion
Electromechanical converters
Electromechanical devices
Energy
Energy conservation
Energy consumption
Energy conversion
Energy harvesting
Energy management
Energy transfer
High energy
Horsepower
Hydraulic power
Low power
Mechanical energy
Medium power
Microelectromechanical systems
Photothermal energy
Power
Power equipment
Solar generators
Solarization
Thermal power plants

10/02 Electric Power Production and Distribution

Alternators
Amplidynes
Auxiliary power plants
Brownouts (Electric power)
Cells
Circuit breakers

Distribution
 Dynamotors
 Electric generators
 Electric power
 Electric power distribution
 Electric power plants
 Electric power production
 Electric power transmission
 Electric reactors
 Electrostatic generators
 Energy
 Engine generator sets
 Generators
 Hand generators
 High energy
 Hydroelectricity
 Inverters
 Low energy
 Low power
 Magnetohydrodynamic generators
 Magnetos
 Medium power
 Micropower circuits
 Motor generators
 Overload
 Peak power
 Permanent magnet generators
 Power
 Power conditioning
 Power distribution
 Power dividers
 Power engineering
 Power gain
 Power levels
 Power supplies
 Public utilities
 Saturable reactors
 Solar cells
 Solar collectors
 Solar energy
 Solar panels
 Standby generators
 Steam generators
 Steam power plants
 Thermionic converters
 Thermionic power generation
 Thermoelectric power generation
 Transformers
 Turbogenerators
 Uninterruptable power generation
 Van de Graaff generators

10/03 Electrochemical Energy Storage

Alkaline batteries
 Battery chargers
 Battery compartments

Battery components
 Battery separators
 Cells
 Direct methanol fuel cells
 Dry batteries
 Electric batteries
 Electric power
 Fuel cells
 Hydrogen air fuel cells
 Hydrogen oxygen fuel cells
 Lead acid batteries
 Lithium batteries
 Lithium chlorine cells
 Low temperature batteries
 Magnesium batteries
 Mercury batteries
 Metal air batteries
 Meteorological batteries
 Nickel cadmium batteries
 Nickel metal hydride batteries (NiMH)
 Nickel zinc batteries
 Polymer electrolyte fuel cells
 Primary batteries
 Reserve batteries
 Sea water batteries
 Silver zinc batteries
 Solid oxide fuel cells
 Storage batteries
 Thermal batteries
 Water activated batteries
 Wet cells

10/04 Energy Storage

Engine components
 Engines
 Energy storage
 Flywheels
 Potential energy
 Radioisotope batteries
 Reserves (Energy)

11 Materials

Bulk materials
 Materials
 Materials laboratories
 Physical properties

11/01 Adhesives, Seals and Binders

Adhesion
 Adhesive bonding
 Adhesive tapes
 Adhesives
 Binders
 Cements (Adhesives)
 End seals
 Fuel seals

Gas seals
Gaskets
Glass seals
Heat sealing
Hermetic seals
Hydraulic seals
Joining
Labyrinth seals
Metal seals
O rings
Oil seals
Pastes
Plastic seals
Pressure seals
Rotary seals
Rubber adhesives
Rubber gaskets
Rubber seals
Sealing compounds
Seals (Stoppers)
Sizing compounds
Soldering fluxes
Vacuum seals
Vapor barriers
Watertightness

11/02 Ceramics, Refractories and Glass

Activated sintering
Alkali glass
Brick
Bulletproof glass
Cements
Ceramic bodies
Ceramic materials
Ceramic matrix composites
Cermets
Concrete
Ferrocement
Firing (Ceramics)
Frit
Glass
Glass textiles
Glass transition temperature
Glassy carbon
Grout
Heat resistant glass
High performance concrete
Near net shape forming
Optical glass
Phosphate glass
Photorefractive materials
Precast concrete
Prestressed concrete
Pyrolytic graphite
Refractory materials

Shotcrete
Silica glass
Sol gel processes
Tiles
Vitreous state
Vitrification

11/02/01 Refractory Fibers

Carbon fibers
Carbon nanotubes
Carbon yarn
Ceramic fibers
Fiberglass
Glass fibers

11/03 Coatings, Colorants and Finishes

Acoustic coatings
Aircraft finishes
Aluminum coatings
Anodic coatings
Antifogging agents
Antifouling coatings
Antiradar coatings
Antirain agents
Antireflection coatings
Antisonar coatings
Arc spraying
Barrier coatings
Biological stains
Bituminous coatings
Ceramic coatings
Coatings
Colorants
Copper coatings
Cyanine dyes
Diamond films
Diffusion coatings
Dip coating
Dyes
Electrophoretic coatings
Electroplating
Enamels
Epoxy coatings
Facings
Films
Finishes
Fire resistant coatings
Glazes
Hydrophobic coatings
Inks
Lacquers
Metal coatings
Metallizing
Nonreflecting coatings
Nonreflection coatings
Nylon coatings

Optical coatings
Organic coatings
Paint primers
Paints
Phosphate coatings
Photoresistant coatings
Pigments
Plastic coatings
Plastic paints
Plating
Protective coatings
Protective treatments
Radar absorbing materials
Refractory coatings
Rubber coatings
Silicon coatings
Slurry coating
Solvent dyes
Solventless varnishes
Spin coatings
Strip coatings
Thiazines
Tin coatings
Vacuum deposition
Vapor barriers
Vapor deposition
Vapor plating
Varnishes
Water base paints
Water repellents
Wood preservatives
Zinc coatings

11/04 Laminates and Composite

Materials

Aggregates (Materials)
Bimetals
Carbon carbon composites
Carbon reinforced composites
Ceramic matrix composites
Composite materials
Cores
Delamination
Epoxy composites
Epoxy laminates
Eutectics
Fiber reinforced composites
Fiber reinforcement
Fillers
Glass reinforced plastics
Graphite epoxy composites
Graphited materials
Graphitic foam
Honeycomb cores
Inclusions
Laminated glass

Laminated plastics
Laminates
Matrix materials
Metal matrix composites
Overlays
Porous materials
Prepregs
Quartz phenolic materials
Reinforced concrete
Reinforced plastics
Reinforcing materials
Sizing compounds
Substrates
Syntactic foams
Thermoplastic composites
Whisker composites

11/05 Textiles

Aramid Yarn
Braids
Carpets
Cordage
Cotton
Cotton textiles
Coverings
Dacron
Elastic webbing
Fabrics
Felts
Fibers
Filaments
Fire resistant textiles
Geotextiles
Hoods
Interlacing
Jute
Knitted fabrics
Linen
Mesh
Metallic textiles
Mineral wool
Monofilaments
Nets
Orlon
Parachute fabrics
Paulins
Polyester fibers
Rayon
Rope
Rubber fibers
Screens (Woven materials)
Selvage
Silk
Soil resistant properties
Strands
Synthetic fibers

Textiles
Viscose
Weaving
Webs (Sheets)
Woolen textiles
Yarns

11/06 Metallurgy and Metallography

Actinide series
Alkali metal alloys
Alloys
Aluminum alloys
Amalgams
Americium
Antimony alloys
Arsenic alloys
Austenite
Bainite
Barium alloys
Base metal
Berkelium
Beryllium
Beryllium alloys
Billets
Billets (Materials)
Binary alloys
Bismuth
Bismuth alloys
Boron alloys
Brass
Brazing alloys
Bronze
Cadmium alloys
Calcium
Calcium alloys
Californium
Carbon alloys
Carbon steels
Casting alloys
Castings
Cerium
Cerium alloys
Cermets
Cesium
Cesium alloys
Chromium
Chromium alloys
Cobalt
Cobalt alloys
Copper
Copper alloys
Copper nickel alloys
Corrosion resistant alloys
Curium
Dysprosium
Einsteinium

Erbium
Europium
Fermium
Ferrites
Fiber metallurgy
Field wire
Fluxes (Fusion)
Foamed metals
Foils (Materials)
Foundries
Francium
Gadolinium
Gadolinium alloys
Gallium
Gallium alloys
Germanium
Germanium alloys
Gold
Gold alloys
Hafnium
Hafnium alloys
Heat resistant alloys
Heat resistant metals
Heavy metals
High strength alloys
Holmium
Indium alloys
Iridium
Iridium alloys
Iron
Iron alloys
Lanthanum
Lawrencium
Lead alloys
Lead (Metal)
Liquid metals
Lithium
Lithium alloys
Low alloy steels
Low temperature alloys
Lutetium
Magnesium
Magnesium alloys
Magnetic alloys
Manganese
Manganese alloys
Manganin
Maraging steels
Martensite
Melts
Mercury
Mercury alloys
Metal crystals
Metal fibers
Metal films
Metal scraps

Metal powders
Metal vapors
Metallic glass
Metallography
Metalloid alloys
Metalloids
Metallurgical laboratories
Metallurgy
Metals
Metastable alloys
Misch metal
Molybdenum alloys
Monel metal
Neodymium
Neodymium alloys
Neptunium
Nickel
Nickel alloy inconel
Nickel alloys
Nickel steels
Niobium
Niobium alloys
Nobelium
Ordnance steel
Osmium
Osmium alloys
Palladium
Palladium alloys
Particle size
Particles
Particulates
Passivation (Metallurgy)
Pearlite
Phosphorus alloys
Physical metallurgy
Physical sciences
Platinum
Platinum alloys
Plutonium
Plutonium alloys
Porous materials
Porous metals
Potassium
Potassium alloys
Powder alloys
Powder metallurgy
Powder metals
Praseodymium
Precious metals
Promethium
Protactinium
Pyrometallurgy
Radium
Rare earth alloys
Rare earth metals
Refractory metal alloys

Refractory metals
Rhenium
Rhenium alloys
Rhodium
Rhodium alloys
Rubidium
Ruthenium
Ruthenium alloys
Samarium
Scandium
Selenium alloys
Shape memory alloys
Sheet metal
Silicon alloys
Silver
Silver alloys
Slags
Sodium
Sodium alloys
Soldering alloys
Stainless steel
Steel
Strontium
Strontium alloys
Structural steel
Superalloys
Tantalum
Tantalum alloys
Technetium
Tellurium alloys
Terbium
Thallium
Thallium alloys
Thorium
Thorium alloys
Thulium
Tin
Tin alloys
Titanium
Titanium alloys
Tool steel
Tractable
Transition metals
Transuranium elements
Tungsten
Tungsten alloys
Uranium
Uranium alloys
Vanadium
Vanadium alloys
Wrought metals
Ytterbium
Yttrium
Yttrium alloys
Zinc
Zinc alloys

Zirconium
Zirconium alloys

11/06/01 Properties of Metals and Alloys

Age hardening
Brittleness
Cold flow
Composition (Property)
Corrosion
Corrosion inhibition
Corrosion resistance
Decay
Decomposition
Degredation
Deoxidation (Metallurgy)
Deterioration
Dual hardness
Ductile brittle transition
Ductility
Embrittlement
Eutectics
Ferromagnetic materials
Fretting
Galvanic corrosion
Grain boundaries
Grain growth
Grain size
Grain structures (Metallurgy)
Growth (General)
Gruneisen constant
Hardness
Hydrogen embrittlement
Kirkendall effect
Mechanical properties
Microcracking
Microhardness
Microstructure
Modulus of elasticity
Pitting
Recrystallization
Rust (Oxidation)
Salt water corrosion
Sea water corrosion
Segregation (Metallurgy)
Softening points
Stress corrosion
Tensile properties
Tensile strength
Ultrahardness
Wear
Yield point
Yield strength

11/06/02 Fabrication Metallurgy

Arc welding

Brazing
Bulging
Butt welding
Carburizing
Case hardening
Casting
Centrifugal casting
Chromizing
Cladding
Cold drawing
Cold rolled process
Cold welding
Cold working
Comminution
Compression Molding
Die casting
Drawing (Forming)
Drop casting
Drop forging
Electric welding
Electrodeposition
Electroerosive machining
Electroforming
Electrolytic polishing
Electron beam welding
Electrorefining
Electroslag welding
Explosive welding
Extrusion
Exudation
Forging
Fractography
Fragments
Friction welding
Fusion welding
Gas metal arc welding
Gas tungsten arc welding
Hot working
Hydroforming (Mechanical)
Hydrometallurgy
Inert gas welding
Investment casting
Laser welding
Machining
Material forming
Metal spinning
Metalworking
Micromachining
Plasma arc welding
Poreforming
Press forging
Pressure welding
Quenching
Refining
Resintering
Resistance welding

Roll bonding
Rolling mills
Rolling (Metallurgy)
Sand casting
Seam welding
Shot peening
Silver solders
Sintering
Slip casting
Smelting
Solution heat treatment
Spark machining
Spinning (Industrial processes)
Spot welding
Sputtering
Strain hardening
Stretch forming
Stud welding
Submerged arc welding
Sulfidization
Swaging
Tempering
Ultrasonic welding
Vacuum degassing
Weld metal
Weldability
Welding
Welding rods
Zone melting

11/07 Miscellaneous Materials

Ablative materials
Absorbers (Materials)
Activated carbon
Adsorbates
Adsorbents
Agglomerates
Amorphous materials
Artificial leather
Bands (Strips)
Beads
Beeswax
Bitumens
Bleaching agents
Brines
Buffers
Buried objects
Carbon black
Coal tar
Corrosive gases
Corrosive liquids
Creosote
Deicing materials
Desiccants
Distilled water
Dry materials

Feathers
Filling
Fine grained materials
Fines
Fire resistant materials
Foam
Foaming inhibitors
Foil (Materials)
Fur
Granular materials
Granules
Hazardous materials
Heat resistant materials
Inhibitors
Ion exchange resins
Leather
Linings
Liquids
Malodorous compounds
Microspheres
Molding materials
Moldings
Nanoparticles
Nonskid materials
Oxidizers
Particle size
Particles
Particulates
Pastes
Pellets
Petroleum products
Phosphorescent materials
Phosphors
Photorefractive materials
Pitch (Material)
Porous materials
Powders
Preservatives
Pyrophoric materials
Recycled materials
Refrigerants
Repellents
Sheets
Straw
Superfines
Surface active substances
Tapes
Thermal insulation
Thickeners (Materials)
Ultrafines
Water soluble materials
Waxes
Welding fluxes

11/08 Lubricants and Hydraulic Fluids

Additives

Aircraft engine oils
Antiseize compounds
Brake fluids
Crude oil
Cutting fluids
Fish oils
Greases
Hydraulic fluids
Instrument greases
Liquids
Low temperature lubricants
Lubricant additives
Lubricant pumps
Lubricants
Lubricating films
Lubricating oils
Lubrication
Mineral oils
Oils
Self lubrication
Solid film lubricants
Solid lubricants
Synthetic lubricants
Transmission fluids
Vegetable oils

11/09 Plastics

Acetal resins
Acrylic resins
Additives
Amino plastics
Biodegradable plastics
Carbon phenolic materials
Carboxymethylcellulose
Cellophane
Cellulose acetates
Cellulose esters
Cellulose ethers
Cellulosic resins
Curing agents
Delrin
Embedding substances
Epoxy resins
Ethyl cellulose
Expanded plastics
Flexible materials
Furan resins
Graft polymerization
Halocarbon plastics
Heat resistant plastics
Isocyanates
Methyl cellulose
Nitrocellulose
Nylon
Olefin resins
Oxetanes

Phenolic plastics
Phosphazene
Photoplastic materials
Plasticizers
Plastics
Plexiglas
Polyacrylamides
Polyacrylates
Polyamide plastics
Polyester plastics
Polyethylene
Polyethylene plastics
Polyethylene terephthalate
Polyimide plastics
Polyimide resins
Polymeric films
Polymethyl methacrylate
Polyoxyethylene
Polyphenylenes
Polypropylene
Polystyrene
Polytetrafluoroethylene
Polyurethane resins
Polyvinyl alcohol
Polyvinyl chloride
Polyvinylidenes
Potting compounds
Silicone plastics
Styrene plastics
Syntactic foams
Synthetic materials
Tetrafluoroethylene resins
Thermoplastic composites
Thermoplastic resins
Thermosetting plastics
Vinyl plastics

11/10 Elastomers and Rubber

Butyl rubber
Curing agents
Ebonites
Elastomers
Flexible materials
Fluorosilicones
Foam rubber
Graft polymerization
Latex
Microcontact molding
Natural rubber
Neoprene
Nitrile rubber
Olefin resins
Phosphazene
Polybutadiene
Polyurethane resins
Rubber

Rubber fibers
Synthetic rubber
Vinyl rubber
Vulcanizates

11/11 Solvents, Cleaners and Abrasives

Abrasives
Additives
Aluminum soaps
Carbon removing compounds
Chemical cleaning
Cleaning compounds
Detergents
Diluents
Dishwashing compounds
Dispersants
Nitroethane
Organic solutes
Organic solvents
Paint removers
Paint thinners
Pickling compositions
Polishes
Soaps
Solvents

11/12 Wood, Paper and Related

Forestry Products

Composition board
Cork
Fiberboard
Filter paper
Gum stocks
Hardwoods
Lumber
Paper
Paperboard
Plywood
Raw materials
Rosin
Sawdust
Wallboard
Webs (Sheets)
Wood
Wood pulp

12 Mathematical and Computer Sciences

Mathematics
Mathematics laboratories

12/01 Numerical Mathematics

Addition
Algebra
Algebraic functions
Algebraic geometry

Algorithms
Alphanumeric data
Analytic geometry
Applied mathematics
Approximation (Mathematics)
Arithmetic
Arithmetic units
Asymptotic normality
Asymptotic series
Bernoulli distribution
Bifurcation (Mathematics)
Biharmonic functions
Binary arithmetic
Binary notation
Boundary element methods
Calculus
Cartesian coordinates
Circles
Coefficients
Complex numbers
Complex variables
Computations
Configurations
Conformal mapping
Conical bodies
Constants
Contour integrals
Convex sets
Convolution
Convolution integrals
Coordinates
Counting methods
Cubic spline technique
Curve fitting
Curves (Geometry)
Delta functions
Derivatives (Mathematics)
Determinants (Mathematics)
Discrete distribution
Discrete Fourier transforms
Discriminate analysis
Distribution
Division
Ellipses
Ellipsoids
Equations
Error analysis
Errors
Euler equations
Exponential functions
Extrapolation
Fast Fourier transforms
Filter analysis
Finite element analysis
Fitting functions (Mathematics)
Formulas (Mathematics)

Fourier series
 Fourier transformation
 Fractals
 Fresnel integrals
 Functional analysis
 Functions
 Functions (Mathematics)
 Galerkin method
 Geometry
 Hartree Fock approximation
 Helmholtz equations
 Hugoniot equations
 Hyperbolic differential equations
 Hypergeometric functions
 Hypotheses
 Indexes (Ratios)
 Inequalities
 Infinite series
 Integral equations
 Integral transforms
 Integrals
 Interpolation
 Inverse scattering
 Irrational numbers
 Iterations
 J integrals
 Kernel functions
 Lagrangian functions
 Laguerre functions
 Laplace transformation
 Legendre functions
 Linear algebraic equations
 Locus
 Logarithm functions
 Manifolds (Mathematics)
 Mapping (Transformations)
 Mathematical filters
 Matrices (Mathematics)
 Meromorphic functions
 Method of characteristics
 Method of moments
 Minkowski space
 Monoids
 Monotone functions
 Multiplication
 Nonlinear differential equations
 Nonsequential
 Numbering systems
 Numbers
 Numerical analysis
 Numerical integration
 Numerical methods and procedures
 Packing density
 Parabolas
 Parametric instability
 Partial differential equations
 Particle in cell
 Periodic functions
 Periodic variations
 Perturbation theory
 Perturbations
 Plane geometry
 Points (Mathematics)
 Poisson equation
 Polynomials
 Population (Mathematics)
 Power series
 Power spectra
 Precision
 Prime numbers
 Quadratic equations
 Quartic equations
 Rational functions
 Rational numbers
 Real numbers
 Real variables
 Recursive functions
 Riccati equation
 Rings (Mathematics)
 S matrix
 Scalar functions
 Scaling factors
 Scoring
 Sequences
 Sequences (Mathematics)
 Series (Mathematics)
 Simultaneous equations
 Sinusoidal functions
 Slope
 Smoothing (Mathematics)
 Sparse matrix
 Special functions (Mathematical)
 Spherical harmonics
 Spinors
 Splines (Geometry)
 Square roots
 Steepest descent method
 Step functions
 Stopping rules (Mathematics)
 Tables (Data)
 Tangents
 Taylors series
 Theorems
 Time lag theory
 Time series analysis
 Transcendental functions
 Transfer functions
 Transformations (Mathematics)
 Triangles
 Trigonometry
 Truncation
 Variable coordinates

Variables
Variational principles
Variations
Vector analysis
Volterra equations
Walsh functions
Walsh transformation
Wave equations
Wave packets
Wishart matrices
Work functions

12/02 Theoretical Mathematics

Algebraic number theory
Algebraic topology
Ambiguity
Amplitude
Analogous
Analytic functions
Analytic number theory
Angles
Anhedral angle
Arrival
Asymmetry
Banach space
Bessel functions
Blunt bodies
Bodies
Bodies of revolution
Boolean algebra
Bores
Bottom
Boundaries
Boundary value problems
Calculus of variations
Capacity (Quantity)
Cauchy problem
Cavities
Channels
Chaos
Circular
Clearances
Clustering
Coaxial configurations
Concave bodies
Conformal structures
Constitutive equations
Continuity
Contours
Convex bodies
Curvature
Curved profiles
Cylindrical bodies
Depression angles
Diameters
Difference equations

Differential equations
Differential geometry
Differential topology
Diffusion theory
Dihedral angle
Dirichlet integral
Disks
Edges
Eigenfunctions
Eigenvalues
Eigenvectors
End on orientation
Equations of motion
Ergodic processes
Euler angles
External
Fault trees
Field theory (Algebra)
Fineness ratio
Finite difference theory
Four dimensional
Fourier analysis
Fractals
French curve
Front ends and surfaces
Frustums
Gaussian quadrature
Geometric forms
Gradients
Graphs
Grazing
Grazing angles
Greens function
Grids
Group theory
Hamiltonian functions
Harmonic analysis
Harmonics
Head on orientation
Height
Helixes
Hemispheres
High angles
High velocity
Hilbert space
Hodographs
Horizontal orientation
Hyperbolas
Identities
Implantation
Instability
Integration
Intensity
Intermediate range (Distance)
Internal
Inverse problems

Inversion
Length
Lie groups
Linear algebra
Linear differential equations
Lines (Geometry)
Liouville equation
Logic
Long range (Distance)
Long range (Time)
Loops
Low altitude
Low angles
Low velocity
Lyapunov functions
Mathematical analysis
Mathematical logic
Mathematical prediction
Matrix theory
Measure theory
Mesh
Metamathematics
Micropulsations
Model theory
Motion
Nodes
Nonlinear algebraic equations
Nonlinear analysis
Nonperiodic variations
Nonplanar
Number theory
Ogives
Openings
Operators (Mathematics)
Orthogonality
Overlap
Parabolic bodies
Parallel orientation
Parametric analysis
Point theorem
Polygons
Potential theory
Principle of superposition
Prismatic bodies
Profiles
Projective geometry
Pyramids (Geometry)
Quadrants
Quantity
Radius (Measure)
Ratios
Rectangular bodies
Reduction of area
Rhombus
Right angles
Rings

Scattering
Set theory
Shape
Sharp bodies
Sharpness
Short pulses
Sides
Sizes (Dimensions)
Slender bodies
Solid bodies
Solitons
Space (Room)
Spheres
Spikes
Stability
Streamline shape
Stripes
Superposition (Mathematics)
Surfaces
Symmetry
Taper
Tensor analysis
Tensors
Thickness
Thinness
Three dimensional
Topology
Toroids
Translocation
Transverse
Trees (Mathematics)
Two dimensional
Variations
Vector spaces
Volume
Wavelet transforms
Wide angles
Width

12/03 Statistics and Probability

Analysis of variance
Autocorrelation
Bayes theorem
Binomials
Biostatistics
Bivariate analysis
Bivariate density functions
Chaos
Chebyshev approximations
Chebyshev functions
Chebyshev polynomials
Chi square test
Combinatorial analysis
Confidence level
Confidence limits
Correlation

Correlation techniques
Covariance
Degrees of freedom
Discriminant analysis
Distribution
Distribution curves
Distribution functions
Distribution theory
Estimates
Exchange
Factor analysis
Factorial design
Fokker Planck equations
Fuzzy logic
Gaussian noise
Genetic algorithms
Goodness of fit tests
Groups (Mathematics)
Histograms
Hit probabilities
Inference
Interception probabilities
Kalman filtering
Kill probabilities
Least squares method
Linear regression analysis
Markov processes
Maximum likelihood estimation
Mean
Monte Carlo method
Multivariate analysis
Noise
Nomographs
Nonparametric statistics
Normal density functions
Normal distribution
Normality
Normalizing (Statistics)
Numerical analysis
Numerical aperture
Numerical quadrature
Order statistics
Periodic variations
Permutations
Poisson density functions
Probability
Probability density functions
Probability distribution functions
Pseudo random sequences
Pseudo random systems
Random number generators
Random variables
Random walk
Rank order statistics
Ratings
Regression analysis

Runge Kutta method
Semimarkov processes
Sequential analysis
Skewness
Spatial distribution
Standard deviation
Statistical analysis
Statistical data
Statistical decision theory
Statistical distributions
Statistical functions
Statistical inference
Statistical mechanics
Statistical processes
Statistical samples
Statistical tests
Statistics
Stochastic control
Stochastic processes
Variational methods
Variations
Weak convergence
Weibull density functions
Weighting functions

12/04 Operations Research

Adaptive systems
Analog
Anomalies
Availability
Balance
Catastrophic conditions
Coherence
Comparison
Compensation
Conformity
Congestion
Consistency
Continuity
Control
Coupling (Interaction)
Criticality (General)
Cross correlation
Decision theory
Decoupling (Interaction)
Design criteria
Diagnosis (General)
Dual mode
Dynamic programming
Dysfunction
Equalization
Expendable
Fault tree analysis
Game theory
Genetic algorithms
Goal programming

Heuristic methods
Integer programming
Invariance
Lanchester equations
Life prediction
Limitations
Linear filtering
Linear programming
Linear systems
Mathematical models
Mathematical programming
Matrix games
Minimax technique
Multimode
Multipurpose
Network flows
Neutral
Nonconvex programming
Nonlinear programming
Nonlinear systems
Nonuniform
Operational effectiveness
Operations research
Optimization
Override control
Parameters
Parametric programming
Passive systems
Phase
Posture (General)
Predictions
Problem solving
Propagation
Quadratic programming
Queueing theory
Ranking
Redundancy
Repetition rate
Reverse engineering
Risk
Risk analysis
Scenarios
Search theory
Secondary
Simplex method
Simplification
Spatial filtering
Stabilization
Substitutes
Suppression
Symbolic programming
Synchronism
Synergism
Synthesis
Systems analysis
Theory

Time dependence
Transport
Uncertainty

12/05 Computer Programming and Software

ADA programming language
Agent based systems
Analog simulation
Antivirus software
Applets
Application generators
Application programming interface
Archive formats
Assembly languages
Assistive technology
Associative processing
Attack (Computers)
Authenticators
Automatic programming
Bar codes
Batch processing
C programming language
Coding
Combat simulation
Compilers
Computer aided design
Computer aided diagnosis
Computer aided instruction
Computer aided maintenance
Computer applications
Computer files
Computer games
Computer graphics
Computer program documentation
Computer program reliability
Computer program verification
Computer programming
Computer programs
Computerized simulation
Control sequences
CORBA (Common Object Request Broker Architecture)
Data compression
Data management
Data processing
Data rate
Data reduction
Database management systems
Debugging (Computers)
Decision support systems
Digital simulation
Distributed interactive simulation
DTD (Document type definition)
Electronic commerce
Electronic publishing

Error correction codes
Error detection codes
Errors
Executive routines
Fault tolerant computing
Fields (Computer programs)
Firmware
Firewalls
Flight simulation
Floating point operation
Flow charting
Forms (Electronic)
Fortran
Graphical user interface
Hardware in the loop
High level languages
Hybrid simulation
Hypertext
Image compression
Input
Input output processing
Interactive graphics
Internet browsers
Interfaces
Java programming language
Knowledge based systems
Machine coding
Macroprogramming
Manuals
Markup languages
Media
Microprogramming
Middleware
Multiagent systems
Multiprogramming
Object oriented programming
Ontology
Operating systems
Pascal programming language
Parallel processing
PDF (Portable document format)
Private key cryptography
Processing
Programming languages
Programming manuals
Programming (Computers)
Public key cryptography
Relational databases
Rule based systems
Scene generation
Scripting languages
Search engines
Semantic processors
Simulation
Simulation languages
Software

Software development
Software engineering
Software tools
Source codes
Spreadsheet software
Spyware
Structured programming
Subroutines
Tabulation processes
Throughput
Translators
Video filters
Virtual reality
Wikis
XML (Extensible markup language)

12/06 Computer Hardware

Acoustic couplers
Analog computers
Analog systems
Analog to digital converters
Assistive technology
Asynchronous computers
Binary processors
Block oriented random access memories
Bubble memories
Buffer storage
Byte functional modules
Calculators
Central processing units
Character generators
Computer architecture
Computer components
Computer graphics
Computer logic
Computer ports
Computers
Consoles
Control simulators
Core storage
Cryogenic storage devices
Data displays
Data processing equipment
Data processing terminals
Data storage systems
Delineators
Differential analyzers
Digital combiners
Digital computers
Digital differential analyzers
Digital systems
Digital to analog converters
Diode transistor logic
Electronic accounting machines
Electronic combiners
Flash memory

Flat panel displays
Front end processors
High level architecture
Host computers
Hybrid computers
Hybrid systems
Input output devices
Input output models
Integrators (Computers)
Keyboards
Laptop computers
Light pens
Logic
Logic circuits
Logic devices
Logic elements
Macroprocessors
Magnetic disks
Magnetic drums
Magnetic film memories
Magnetic heads
Magnetic tape transport
Mass storage
Multimedia
Memory devices
Microcomputers
Microprocessors
Minicomputers
Modems
Multiprocessors
Nonvolatile memories
Nor gates
Offline systems
Online systems
Open loop systems
Open system architecture
Optical storage
Packing density
Parallel processors
Peripherals
Personal digital assistants
Plotters
Pocket computers
Printers (Data processing)
Processing equipment
Punched card readers
Punched cards
Random access computer storage
Read only memories
Read out techniques
Read write memories
Reading machines
Redundant components
Remote terminals
Routers
Scratchpad memories

Serial processors
Servers (Computers)
Shift registers
Supercomputers
USB drives
Word organized storage
Work stations

12/07 Computer Systems

Application generators
Asynchronous systems
Batch processing
Client server systems
Computer communications
Computer gateways
Computer networks
Data communications
Data processing systems
Data transfer (Computers)
Distributed data processing
DSL (Digital subscriber line)
Electronic commerce
Electronic government
Embedded systems
Information systems
Integrated systems
Internet
Internet browsers
Intranet
Legacy systems
Local area networks
MANETs (Mobile ad hoc networks)
Multiagent systems
Network architecture
Network topology
Networks
Optical networks
Processing
Proxy servers
Real time
Real time systems
Routers
Servers (Computers)
Sharing
Teleprocessing systems
Three terminal networks
Time sharing
Transparent networks
Ultra-wideband
WANs (Wireless ad hoc networks)
Wide area networks
Wireless computer networks

12/08 Computer Systems Management and Standards

Access

Analog computer analysis
Antivirus software
Archive formats
Asynchronous Transfer Mode
Benchmarks
Beta tests
Communications protocols
Computer access control
Computer benchmarking
Computer crimes
Computer information security
Computer security
Computer systems analysis
Computer viruses
CORBA (Common Object Request Broker
Architecture)
Data processing security
Data sets
Data transmission security
Digital signatures
Downtime
Encryption
Fault detection
Fault detection systems
Firewalls
High performance computing
Information assurance
Information security
Internet protocol
Intrusion detection (Computers)
Private key cryptography
Public key cryptography
Software metrics
TCP/IP (Transmission control
protocol/Internet protocol)
URL (Uniform resource locator)
User friendly
User needs
VoIP (Voice over IP)
WAP (Wireless application protocol)

12/09 Cybernetics

Adaptive control systems
Artificial intelligence
Authentication
Automata
Bar codes
Character recognition
Coders
Coding
Color coding
Computer vision
Control theory
Cryptography
Cybernetics
Data fusion

Data mining
Decoders
Decoding
Delphi techniques
Error correction codes
Error detection codes
Errors
Expert systems
Feature extraction
Feedback
Forecasting
Fuzzy logic
Genetic algorithms
Image processing
Image reconstruction
Information theory
Knowledge based systems
Knowledge management
Learning machines
Machine intelligence
Neural nets
Octal coding
Ontology
Pattern recognition
Patterns
Processing
Recognition
Robotics
Robots
Rule based systems
Schalkwijk coding
Semantic processors
Sensor fusion
Smart technology
Steganography
Switching logic
Symbols
Transistor transistor logic
Translators
Virtual reality
Voice recognition

13 Mechanical, Industrial, Civil and Marine Engineering

Civil engineering
Engineering
Industrial engineering
Marine engineering
Mechanical engineering

13/01 Air Conditioning, Heating, Lighting and Ventilating

Air cleaners
Air conditioning equipment
Air cooled
Air heaters

Aircraft searchlights
Annular burners
Approach lights
Arc heaters
Arc heating
Arc lamps
Axial flow fans
Beacon lights
Blast furnaces
Boiler tubes
Boilers
Burners
Candles
Carbon arc lamps
Cold storage
Coolant pumps
Coolants
Cooling
Cooling and ventilating equipment
Cooling fans
Cooling towers
Dehumidifiers
Discharge lamps
Drying apparatus
Ducted fans
Electric furnaces
Electric heaters
Electronic photoflash equipment
Evaporators
Fans
Feed water
Flash lamps
Flashlights
Floodlights
Furnaces
Gas heating
Glow lamps
Headlamps
Heat balance
Heat exchangers
Heat loss
Heat pumps
Heat recovery
Heat sinks
Heaters
Heating
Heating elements
Heating plants
Humidifiers
Identification lights
Incandescent lamps
Indicator lights
Induction heating
Insulation
Krypton lamps
Laboratory furnaces

Lamps
Lighting equipment
Liquid cooling
Losses
Marker lights
Mercury lamps
Oil burners
Oil coolers
Photoflash lamps
Ports (Openings)
Propulsion system components
Radiant cooling
Radiant heating
Radiant heating panels
Radiators (General)
Radiators (Heating and cooling)
Refrigerant compressors
Refrigerant condensers
Refrigeration systems
Regenerative cooling
Retroreflectors
Room temperature
Searchlights
Signal lights
Sintering furnaces
Solar furnaces
Solar heating
Space heaters
Steam condensers
Steam traps
Superheaters
Superheating
Temperature control
Thallium lamps
Thermal luminescence
Thermoelectric cooling
Thermostats
Underwater light
Underwater lights
Vacuum furnaces
Vaneaxial fans
Ventilation
Ventilation ducts
Ventilation fans
Ventilators
Venting
Vents
Water coolers
Water cooling
Xenon lamps

13/02 Civil Engineering

Aeration
Aircraft models
Arch dams
Banks (Waterways)

Breakwaters
Bridges
Cable fairings
Causeways
Chlorination equipment
Civil engineering
Clarification
Coastal engineering
Construction
Crossings
Dams
Desalination
Dikes
Ditches
Docks
Dredging
Drinking water
Earth dams
Earthquake resistant structures
Embankments
Environmental engineering
Facilities
Flood control
Floods
Geotechnical engineering
Girder bridges
Highways
Hybrid systems
Hydraulic gates
Infrastructure
Installation restoration
Land use
Levees
Locks (Waterways)
Military bridges
Military engineering
Moored bodies
Parking facilities
Pavement bases
Pavements
Piers
Public utilities
Pumping stations
Railroad tunnels
Ramps
Rapid excavation
Reclamation
Regional planning
Reservoirs
Retaining walls
Revetments
Riprap
Roads
Rockfill dams
Shore protection
Shoulders (Pavements)

Sites
Snow removal
Spillways
Sumps
Trenching
Trestles
Tunneling
Tunnels
Urban planning
Water distribution
Water resources
Water supplies

13/03 Construction Equipment, Materials and Supplies

Asphalt
Booms (Equipment)
Brick
Bulldozers
Cements
Concrete
Construction equipment
Construction materials
Conveyors
Cranes
Earth fills
Earth handling equipment
Elevators (Lifts)
Ferrocement
Floor coverings
Grouting
High performance concrete
Hoists
Holes (Openings)
Jacks (Lifts)
Masonite
Masonry
Materials handling
Mats
Metal plates
Moldings
Mortars (Material)
Panels
Pile drivers
Portland cement
Positioning devices (Machinery)
Precast concrete
Prestressed concrete
Rails
Reinforced concrete
Reinforcing materials
Rigging
Road building equipment
Sandbags
Shotcrete
Tiles

Wallboard
Winches

13/04 Containers and Packaging

Backpacks
Bags
Barrels
Bladders
Bottles
Boxes
Bundles
Canisters
Capacity (Quantity)
Cardboard boxes
Cargo nets
Cavity liners
Compartments
Containerizing
Containers
Crucibles
Dewar flasks
Encapsulation
Flasks
Gas cylinders
Labels
Manportable equipment
Packaging
Packets
Packing materials
Pads (Cushions)
Pressure vessels
Shipping containers
Slings
Spray tanks
Storage
Storage racks
Storage tanks
Tank liners
Tanks (Containers)
Trays
Ullage
Water tanks

13/05 Couplers, Fasteners and Joints

Adapters
Ammunition containers
Anchors
Arc welds
Attachment
Ball joints
Bolted joints
Bolts
Bonded joints
Brazed joints
Bushings
Cable grips

Closures
Collars
Connectors
Couplers
Couplings
Decoupling
Detents
Disconnect fittings
Dowels
Elbows (Fittings)
Expansion joints
Explosive bolts
Fastenings
Fittings
Flash welds
Flexible couplings
Gimbals
Grommets
Guy wires
Hangers
Harnesses
Hingeless
Hinges
Holders
Hooks
Hose couplings
Hose fittings
Inserts
Interactions
Joining
Joints
Junctions
Latches
Linkages
Locking (Mechanics)
Locking fastener devices
Lugs
Metal joints
Metal metal bonds
Mounting brackets
Mounts
Nails (Fasteners)
Nuts (Fastenings)
Perforation
Pins
Pintles
Release
Release mechanisms
Restraint
Riveted joints
Rivets
Screw threads
Screws
Self sealing couplings
Shaft couplings
Shear pins

Sleeves
Slots
Soldered joints
Spacers
Splices
Splines
Spot welds
Sting mounts
Straps
Studs (Structural members)
Stuffing tubes
Suspension devices
Tethering
Tiedown devices
Toggle joints
Torque couplings
Washers (Spacers)
Watertight fittings
Welded joints
Welds
Zippers

13/06 Surface Transportation and Equipment

Aluminum foil
Ambulances
Automatic transmissions
Automotive components
Automotive engineering
Automotive vehicles
Avoidance
Axle shafts
Boxcars
Brakes
Cargo handling
Cargo vehicles
Carriages
Chassis
Collision avoidance
Containerized shipping
Deicing systems
Derailment
Differentials (Mechanical)
Disk brakes
Dollies
Dump trucks
Electric automobiles
Electric brakes
Engine components
Engine mounts
Engine mufflers
Engine starters
Engines
Exhaust pipes
Exhaust systems
Facilities

Final drives
Fording
Forklift vehicles
Fuel trucks
Grilles
Ground speed
Ground traffic
Ground vehicle antennas
Ground vehicles
Headlamps
Hubs
Hydraulic brakes
Land transportation
Locomotives
Maintenance vehicles
Maneuverability
Maneuvers
Mass transportation
Materials handling vehicles
Mobility
Monorail railways
Motor vehicle accidents
Motorcycles
Mud guards
National transportation system
Offroad traffic
Parking facilities
Passenger vehicles
Passengers
Pneumatic brakes
Ports (Facilities)
Propulsion system components
Propulsion systems
Radial tires
Rail transportation
Railroad cars
Railroad ties
Railroad tracks
Railroads
Recovery vehicles
Ride quality
Roadwheels
Scout cars
Seats
Semitrailers
Shipping
Skiing
Skis
Sleds
Snow vehicles
Surface propulsion
Tank cars
Tire chains
Tire tube patches
Tire tubes
Tires

Torsion bars
Tow bars
Towed vehicles
Towing
Towing cables
Towing vehicles
Tracked vehicles
Tractors
Traffic
Trailers
Transmissions (Mechanical)
Transportation
Transporter erectors
Travel
Treads
Trucks
Turning (Maneuvering)
Universal joints
Utility vehicles
Vans
Vehicle brakes
Vehicle chassis components
Vehicle equipment
Vehicle heaters
Vehicle instruments
Vehicle tracks
Vehicles
Wheel brakes
Wheel hubs
Wheels
Windshield wipers
Windshields
Winterization kits

13/06/01 Surface Effect Vehicles and Amphibious Vehicles

Air cushion vehicles
Amphibious vehicles
Ground effect machines
Lift fans
Surface effect ships
Surface effect vehicles

13/07 Hydraulic and Pneumatic Equipment

Aerosol generators
Aerothermopressors
Air compressors
Air locks
Air springs
Air supplies
Axial flow compressor blades
Axial flow compressors
Axial flow turbine rotors
Axial flow turbines
Bleed systems

Centrifugal compressors
Chambers
Compressed air
Compressor blades
Compressor components
Compressor parts
Compressor rotors
Compressor stators
Compressors
Dashpots
Electrohydraulic valves
Energy absorbers
Engines
Expulsion
Expulsion bladders
Flushing
Gas compressors
Gas generating systems
Gas generator engines
High pressure compressors
High vacuum
Hydraulic accumulators
Hydraulic actuators
Hydraulic couplings
Hydraulic cylinders
Hydraulic equipment
Hydraulic fluid filters
Hydraulic jacks
Hydraulic pressure pumps
Hydraulic ram effect
Hydraulic servomechanisms
Hydraulic tests
Hydraulic valves
Hydrocyclones
Hydrostats
Hyperbaric chambers
Hyperbaric conditions
Hypobaric chambers
Hypobaric conditions
Impellers
Inner tubes
Internal pressure
Leakage (Fluid)
Mixed flow compressors
Oil free compressors
Plenum chambers
Pneumatic actuators
Pneumatic equipment
Pneumatic servomechanisms
Pneumatic valves
Positive expulsion
Pressure seals
Pressurization
Pump components
Rotary compressors
Rotor blades

Rotor blades (Turbomachinery)
Rotors
Servomotors
Snubbers
Spray nozzles
Stators
Steam generators
Steam turbines
Superchargers
Swirler vanes
Tank vents
Turbine blades
Turbine components
Turbine stators
Turbine wheels
Turbochargers
Turbomachinery
Turbosuperchargers
Vacuum cleaners
Water brakes
Water pumps

**13/08 Manufacturing and Industrial
Engineering and Control of Production
Systems**

Abnormalities
Abrasion
Acceptability
Access
Activated sintering
Actuation
Alignment
Annealing
Antifouling
Antifungal
Arc heating
Arc melting
Arc spraying
Arresting (Process)
Assembly
Assembly lines
Automatic
Automation
Auxiliary
Backup systems
Blending
Bonding
Breakpoint temperatures
Calendering (Sheet forming)
Cannibalization
Case bonding
Centrifuge separation
Cleaning
Coalescence
Cold working
Comminution

Compacting
Compression molding
Computer aided design
Computer aided maintenance
Computer aided manufacturing
Computer applications
Computer numerical control
Concurrent engineering
Consumable electrode process
Continuous processing
Corrugating
Crushing
Curing
Cutting
Deactivation
Deaeration
Defect analysis
Defense industry
Degasification
Deposition
Destruction
Dewatering
Die casting
Diffusion bonding
Diffusion coating
Discontinuities
Dispersion harden
Dry cleaning
Drying
Dual use technology
Efficiency
Ejection
Electroless plating
Electrolytic polishing
Electron beam melting
Electrostatic precipitation
Elimination
Elongation
Embedding
Encapsulation
End items
End mill
End milling
Enrichment
Equilibrium (General)
Erosion
Explosive forming
Exposure (General)
Extraction
Exudation
Fabrication
Faults
Feasibility studies
Flame spraying
Fluidized bed processes
Flushing

Folding
Fractionation
Fragments
Freeze drying
Fungus proofing
Grinding
Grooving
Heat treatment
High energy rate forming
High reliability
Hot pressing
Hydroforming (Mechanical)
Impregnation
Industrial engineering
Industrial equipment
Industrial mobilization
Industrial modernization
Industrial plants
Industrial preparedness
Industrial production
Industrial reactors
Industrial research
Inflating
Injection
Injection molding
Injectors
Inspection
Installation
Interoperability
Interruption
Inventions
Just in time inventory
Isostatic pressing
Lead time
Life cycle testing
Life expectancy (Service life)
Loading (Handling)
Long life
Macerating
Machinability
Machine shop practice
Maintainability
Manmade
Manufacturing
Masking
Mass production
Matching
Material separation
Materials recovery
Mechanical scanning
Mechanical working
Mechanization
Medium duty
Melting
Metallizing
Methodology

Micromachining
Microminiaturization
Microsensors
Miniaturization
Misalignment
Miscibility
Mixing
Mobilization
Moistureproofing
Molding techniques
Mothproofing
Near net shape forming
Nitriding
Nonintrusive inspection
Nuclear industrial applications
Opening (Process)
Outgassing
Output
Pattern making
Penetration
Performance (Engineering)
Photomasking
Pickling
Plasma spraying
Plugging
Polishing
Potting
Precision
Precision finishing
Preprocessing
Preservation
Pressing (Forming)
Prestressing
Processing
Processing equipment
Production
Production engineering
Production models
Prototypes
Pull tests
Pultrusion
Pumping
Purging
Purification
Quality
Quality assurance
Quality control
Radial velocity
Recovery
Redundant components
Refining
Regeneration (Engineering)
Reliability
Remote systems
Removal
Repair

Reproducibility
Resin transfer molding
Restarting
Retardation
Retention (General)
Reverse engineering
Reversible
Roll bonding
Rolling mills
Scale
Scanning
Segmented
Self contained
Self operation
Sensitizing
Separation
Setting (Adjusting)
Shaking
Shelf life
Shredding
Shrinkage
Softening
Soldering
Sorting
Splitting
Spray forming
Staging
Starting
State of the art
Stationary
Steam cleaning
Stiffening
Stress relieving
Striations
Stub configurations
Surface finishing
Survival (General)
Suspending (Hanging)
Switching
Tanning
Thermal joining
Threshold effects
Tooling
Troubleshooting
Tumbling
Ultrasonic cleaning
Underwater cutting
Vacuum degassing
Vacuum deposition
Vacuum distillation
Validation
Vapor deposition
Vapor plating
Verification
Visual inspection
Water washing

Waterproofing
Weatherproofing
Weaving
Winding
Winterization
Yield

13/09 Machinery and Tools

Absorbers (Equipment)
Accumulators
Actuators
Aerators
Air cleaners
Air ejectors
Air heaters
Antifriction bearings
Applicators
Augers
Autoclaves
Axes
Ball bearings
Ball mills
Bearing cages
Bearing races
Bearing rollers
Bearings
Beds (Process engineering)
Belts
Blade tips
Blades
Blowers
Broaches
Brushes
Buffers
Cable assemblies
Cable cutting devices
Cable reels
Cables
Camber
Cams
Canadian equipment
Capping
Carbide tools
Catalytic converters
Catenaries
Chains
Clamps
Clutches
Commercial equipment
Compactors
Condensers (Liquefiers)
Conduit pliers
Cooling towers
Crimping tools
Crusher gages
Cutters

Cutting tools
Cyclone separators
Deflection
Demineralizers
Diamond wheels
Diaphragms (Mechanics)
Dies
Diffusers
Dispensers
Drill tapes
Drilling machines
Drills
Drive shafts
Drive sprockets
Drives
Ejectors
Electromagnetic drives
Facilities
Fan blades
Flexible shafts
Flippers
Fluidized bed processors
Foil bearings
Foreign technology
Forge presses
Gas bearings
Gear teeth
Gearboxes
Gears
Grease guns
Grinders
Grinding wheels
Hammers
Hand cranks
Helical springs
Hot wire
Housings
Hydraulic presses
Hydrocyclones
Idler wheels
Impact wrenches
Jewel bearings
Jigs
Journal bearings
Lathe tools
Lathes
Leaf springs
Leveling
Levels (Instruments)
Linters
Machine tools
Machines
Magnetic bearings
Magnetic brakes
Magnetic drives
Mandrels

Manipulators
Materials handling equipment
Mechanical cables
Mechanical components
Mechanical engineering
Mechanical guides
Metal forming brakes
Metal forming presses
Milling machines
Mixers (Mechanical)
Molds (Forms)
Motor starters
Needle bearings
Nonstandard parts
Off the shelf equipment
Pads (Cushions)
Paint applicators
Parts
Patterns
Pendulums
Pipe wrenches
Pivots
Planetary gears
Pliers
Plungers
Power tools
Power transmission belts
Presses (Machinery)
Propeller shafts
Propulsion gears
Protuberances
Pulpers
Punching machines
Reamers
Reduction gears
Reels
Rental equipment
Retractable
Riveting hammers
Rods
Roller bearings
Rollers
Rolling mills
Saw blades
Saws
Scanners
Scoops
Scrapers
Screwdrivers
Scrubbers
Sealed systems
Semiportable equipment
Separators
Shafts (Machine elements)
Sharpeners
Sheaves (Drives)

Shock absorbers
Shops (Work areas)
Shovels
Skids
Skirts
Small tools
Sorting machines
Speed regulators
Spindles
Spiral bevel gears
Splicing tools
Spray guns
Sprayers
Springs
Sprockets
Stirrers
Taps
Telescoping structures
Templates
Terminals
Throats (Equipment)
Thrust bearings
Tool chucks
Tool kits
Tools
Torches
Torque converters
Transmission gears
Traps
Traversing mechanisms
Treadmills
Tripods
Turbines
Underwater tools
Variable speed drives
Vibration isolators
Vibrometers
Vibrators (Mechanical)
Washers (Cleaners)
Water softeners
Wedges
Wheel wells
Winches
Wind machines
Wire
Wire rope
Wire winding machines
Worm gears
Wrenches

13/10 Marine Engineering

Advanced range instrumentation ships
Afterbodies
Air capable ships
Aircraft carriers
Amphibious assault ships

Amphibious ships
Anchor chains
Anchors (Marine)
Avoidance
Ballast
Ballast tanks
Barges
Battleships
Bilge keels
Bilges
Boats
Bodies
Bulkheads
Buoys
Cargo ships
Catamarans
Coast Guard ships
Collision avoidance
Containerships
Crash rescue boats
Cruisers
Cutters (Vessels)
Cycloidal propellers
Deck markers
Deck safety equipment
Deicing systems
Depth and roll recorders
Destroyer escorts
Destroyers
Diving
Docking
Draft indicators (Nautical)
Drydock equipment
Drydocks
Dual rotation propellers
Engines
Escort ships
Ferries (Water craft)
Ferrying missions
Fireboats
Flared afterbodies
Fleets (Ships)
Flight decks
Floating bodies
Floating docks
Floating platforms
Floats
Flotilla
Frigates
Grappels
Guided missile ships
Gun boats
Gunships
Hangar decks
Hatches
Hulls (Marine)

Hybrid marine vehicles
Hydrofoil craft
Hydrofoils
Hydroskis
Icebreakers
Inboard
Landing craft
Lifeboats
Lighters (Boats)
Line throwing equipment
Marine engineering
Marine engines
Marine propellers
Marine propulsion
Marine rudders
Marine safety equipment
Marine salvage
Marine surface propulsion
Marine transportation
Markers
Masts
Merchant vessels
Minelayers
Minesweepers
Moored bodies
Mooring
Mooring buoys
Motor torpedo boats
Nautical
Naval architecture
Naval research
Naval vessels
Naval vessels (Combatant)
Naval vessels (Support)
Nuclear powered ships
Oars
Oceanographic ships
Offshore structures
Onboard
Outboard
Paravanes
Patrol craft
Perforation
Picket ships
Planing surfaces
Plastic boats
Pontoons
Propeller blades
Propeller struts
Propellers
Propulsion system components
Propulsion systems
Remotely piloted vehicles
Research ships
Rubber boats
Rudders

Salvage
Sampans
Sea control ships
Seakeeping
Seaworthiness
Ship antennas
Ship auxiliary equipment
Ship bows
Ship bridges
Ship convoys
Ship decks
Ship fires
Ship hulls
Ship keels
Ship masts
Ship motion
Ship plates
Ship sterns
Ship structural components
Ship turbines
Shipboard
Shipbuilding
Ships
Shipyards
Shroud rings
Shrouded propellers
Sinking
Skis
Small ships
Spar buoys
Spars
Stationkeeping
Stern tubes (Propulsion)
Strakes
Submarine chasers
Sunken ships
Supercavitating propellers
Swath ships
Swimmer vehicles
System test vessels
Tanker ships
Tenders (Vessels)
Towed bodies
Traffic
Transport ships
Transports
Trim (Hydrodynamics)
Tugboats
Turning (Maneuvering)
Variable pitch propellers
Vessel traffic systems
Vessels (Combatant)
Water traffic
Waterborne
Waterjet propulsion
Watertight doors

Yard craft

13/10/01 Submarine Engineering

Attack submarines
Ballistic missile submarines
Deep diving
Deep submergence
Deep submergence vehicles
Descent
Nuclear powered submarines
Pressure hulls
Remotely piloted vehicles
Saturation diving
Scuba diving
Semisubmerged
Snorkels
Submarine antennas
Submarine atmospheres
Submarine engines
Submarine equipment
Submarine hulls
Submarine launched
Submarine models
Submarine rescue vessels
Submarine sails
Submarine simulators
Submarines
Submersibles
Underwater cables
Underwater equipment
Underwater objects
Underwater propulsion
Underwater vehicles
Watertight doors

13/11 Pumps, Filters, Pipes, Tubing, Fittings and Valves

Air filters
Ball valves
Bulk filtering
Butterfly valves
Bypass valves
Capillary tubes
Centrifugal pumps
Check valves
Conduits
Coolant pumps
Cut off valves
Diffusion pumps
Duct bends
Duct inlets
Ducted bodies
Ducts
Electric conduits
Electromagnetic pumps
Electropneumatic valves

Exhaust valves
Feed pumps
Filters
Fire pumps
Flanges
Float valves
Fluid filters
Flush valves
Fuel filters
Fuel gages
Fuel hoses
Fuel lines
Fuel meters
Fuel nozzles
Fuel pumps
Gas filters
Gas pumps
Gate valves
Globe valves
High pressure valves
High vacuum valves
Hoses
Hydraulic pressure pumps
Hydrogen peroxide pumps
Intake valves
Ion pumps
Jet pumps
Liquid filters
Liquid metal pumps
Liquid metal valves
Lubricant pumps
Millipore filters
Nozzles
Oil filters
Pipe bends
Pipe fittings
Pipes
Piping systems
Plug valves
Plunger pumps
Poppet valves
Pressure regulators
Propeller pumps
Pumps
Reciprocating pumps
Recirculation
Reed valves
Refueling pumps
Relief valves
Rotary pumps
Rotary valves
Safety valves
Self sealing fuel lines
Servovalves
Sleeve valves
Solenoid valves

Spinners
Steam pipes
Steam valves
Suction pumps
Tubes
Turbopumps
Ultrafiltration
Vacuum operated valves
Vacuum pumps
Valves
Water filters
Water pipes
Water pumps

13/12 Safety Engineering

Accident investigations
Accidents
Antifogging devices
Backup systems
Boat and ship accidents
Boat and ship safety
Collisions
Crash resistance
Crash vehicles
Crashes
Damage
Damage assessment
Damage control
Deck markers
Deck safety equipment
Disasters
Drowning
Electric fences
Emergencies
Eye safety
Exits
Fail safe
Fire alarm systems
Fire detectors
Fire extinguishers
Fire extinguishing agents
Fire fighting
Fire fighting vehicles
Fire hazards
Fire prevention
Fire protection
Fire pumps
Fire resistance
Fire resistant materials
Fire safety
Fire storms
Fire suppression
Fireboats
Fires
First responders
Flame inhibitors

Fog signals
Gas detectors
Guard rings
Hazardous materials
Hazardous wastes
Hazards
Interactions
Laser hazards
Laser safety
Lightning arresters
Lightning protection
Margin of safety
Motor vehicle accidents
Prevention
Protection
Public safety
Radiation hazards
Radiation protection
Range safety
Risk management
Safety
Safety belts
Safety equipment
Safety factor
Shear bands
Shielding
Signals
Skidding
Spilling
Sprinklers
System safety
Temperature warning systems
Warning systems

13/13 Structural Engineering and Building Technology

Anchors (Structural)
Angle bars
Arches
Baffles
Barriers
Basements
Bases (Structures)
Bays (Structural units)
Beams (Structural)
Bearing capacity
Bellows
Blast resistant shelters
Blocking
Box beams
Buildings
Cantilever beams
Chimneys
Chocks
Churches
Collapsible structures

Columns (Supports)
Compliant walls
Composite structures
Conformal structures
Constrictions
Construction
Cupolas
Dolphins (Structures)
Domes (Structural forms)
Doors
Earthquake engineering
Earthquake resistant structures
Elastic shells
Elevators (Lifts)
Excavation
Expandable structures
Extendable structures
Facilities
Fences
Filament wound construction
Flexible structures
Floors
Footings
Foundations (Structures)
Frames
Girders
Groins (Structures)
Hardened structures
Hemispherical shells
Honeycomb structures
Housing (Dwellings)
Hulls (Structures)
Inflatable structures
Macromodules
Membranes
Metal plates
Modular construction
Modular space construction
Moistureproofing
Monocoques
Mooring
Museums
Office buildings
Offshore structures
Perforation
Physical properties
Pile structures
Plates
Platforms
Poles (Supports)
Portable shelters
Prefabricated buildings
Prefabrication
Reinforcement (Structures)
Reinforcing materials
Response

Retaining walls
Ring stiffened cylinders
Roofs
Rotodomes
Sandwich construction
Sandwich panels
Self supporting structures
Shells (Structural forms)
Shelters
Skin (General)
Skin (Structural)
Stiffened cylinders
Structural analysis
Structural components
Structural engineering
Structural integrity
Structural members
Structural properties
Structural response
Structures
Struts
Superstructures
Supports
Tape wound construction
Thick walls
Thin walls
Towers
Trusses
Tubular structures
Underground facilities
Underground structures
Underwater construction
Underwater structures
Walls
Warehouses
Waterfront structures
Waterproofing
Weatherproofing
Web beams
Weldments
Windows

14 Test Equipment, Research Facilities and Reprography

Reprography
Research facilities

14/01 Holography

Acoustic holography
Holograms
Holography

14/02 Test Facilities, Equipment and Methods

Accelerated testing
Accelerometers

Acceptability
Acceptance tests
Access time
Accuracy
Acoustic ranges
Altitude chambers
Ammeters
Analyzers
Anechoic chambers
Antenna simulators
Army research laboratories
Assaying
Atomic clocks
Autoradiography
Balances
Bench tests
Bhangmeters
Blast tubes
Bolometers
Borescopes
Brassboard models
Breadboard models
Burn in tests
Calibration
Calorimeters
Capacitance bridges
Captive tests
Cells
Centrifuges
Chambers
Chronometers
Circuit testers
Clean rooms
Clocks
Closed cycle systems
Cold weather tests
Collecting methods
Colorimeters
Consoles
Control simulators
Control test vehicles
Controlled atmospheres
Core sampling
Coulometers
Counters
Creep tests
Cyclic tests
Dead time
Delay
Demonstrations
Densimeters
Densitometers
Desert tests
Design criteria
Destructive tests
Diffractometers

Dilatometers
Dominance models
Drop tests
Dynamic tests
Dynamometers
Electric bridges
Electric governors
Electromagnetic probes
Electrometers
Electron microscopes
Electron microscopy
Electron probes
Electroscopes
Electrostatic analyzers
Electrostatic probes
Ellipsometers
Emissometers
Ergometers
Experimental data
Experimental design
Extensometers
Extensometry
Facilities
Fatigue
Fatigue tests (Mechanics)
Fault detection
Fault tolerance
Feedback
Field conditions
Field ion microscopy
Field tests
Flash radiography
Flat plate models
Flowmeters
Fluxmeters
Flying laboratories
Free fall models
Free flight models
Frequency analyzers
Frequency meters
Frequency standards
Gages
Galvanometers
Gas analysis
Gas meters
Germ free atmospheres
Gravimeters
Guided missile simulators
Gyro sextants
Gyro stabilizers
Harbor models
Harmonic analyzers
Heliostats
High intensity
High power
High sensitivity

Humidity cabinets
Hydrophotometers
Hypersonic wind tunnels
Immersion
Impact tests
Impedance bridges
Indicating instruments
Indicators
Infrared spectrometers
Inspection
Instrument dials
Instrumentation
Interference analyzers
Intervalometers
Intervals
Ionization gages
Joint test and evaluation
Kerr cells
Keyboards
Knudsen gages
Laboratories
Laboratory equipment
Laboratory furnaces
Laboratory procedures
Laboratory tests
Laser targets
Leak detectors
Level (Quantity)
Life tests
Lightweight
Liquid immersion tests
Liquid level gages
Litmus tests
Load cells
Logs (Velocity meters)
Low intensity
Low level
Lysimeters
Machmeters
Magnetometers
Manipulators
Manometers
Mass spectrometers
Measurement
Measures of effectiveness
Measuring instruments
Medium intensity
Metrics
Metrology
Microbalances
Micrometers
Microphotometers
Microprobes
Microradiography
Microsecond time
Microtomes

Microwave bridges
Military standards
Model basins
Model tests
Models
Monitoring
Monitors
Monochromators
Mosaics (Light sensitive)
Multimeters
Nanosecond time
Naval research laboratories
Nephelometers
Neutron radiography
Noise analyzers
Nondestructive testing
Nonintrusive inspection
Observatories
Ocean models
Oculometers
Odometers
Ohmmeters
Optical pyrometers
Oscillographs
Oscilloscopes
Particle image velocimetry
Peak values
Pendulums
Penetrometers
Permeameters
pH meters
Phase measurement
Phase meters
Phase studies
Photoelectric pyrometers
Photofragment spectroscopy
Photometers
Photometry
Picosecond time
Piezoelectric gages
Piezometers
Pilot plants
Pilot studies
Pipettes
Pitot tubes
Polarimeters
Polariscopes
Polarizers
Potentiometers
Power meters
Precision
Pressure gages
Pressure measurement
Probes
Profiles
Profilometers

Psychrometers
Pulse analyzers
Pulse counters
Pyranometers
Pyrometers
Q meters
Quick reaction
Radiation pyrometers
Radio doppler chronographs
Radio interferometers
Radio ranges
Radiography
Radiometers
Radiometry
Rake angles
Range (Extremes)
Ranges (Facilities)
Reflectometers
Reflectoscopes
Regulators
Rejection
Remote control
Requirements
Research facilities
Resistance thermometers
Rheometers
Riometers
Road tests
Rocket sleds
Rodmeters
Salinometers
Salt spray tests
Samplers
Sampling
Scale models
Scanning electron microscopes
Scanning electron microscopy
Scientific research
Seeding
Sensitivity
Sensitometers
Shear tests
Ship models
Shock tests
Shock tubes
Shock tunnels
Short range (Time)
Signals
Simulation
Simulators
Sled tests
Space simulation chambers
Specifications
Spectropolarimeters
Spot tests
Spurious effects

Stabilization systems
Standardization
Standards
Standing wave indicators
Static tests
Stations
Stimulation (General)
Strain gages
Stress analysis
Stress testing
Stroboscopes
Structural analysis
Subsonic wind tunnels
Supersonic wind tunnels
Surface truth
Surveys
Tachometers
Temperature measuring instruments
Temperature sensitive elements
Tensile testers
Tensiometers
Test and evaluation
Test beds
Test equipment
Test facilities
Test fixtures
Test management
Test methods
Test sets
Test stands
Test vehicles
Thermal cycling tests
Thermocouple pyrometers
Thermometers
Thermopiles
Thrust meters
Tiltmeters
Time
Time compression
Time domain
Time interval counters
Time intervals
Time signals
Time standards
Timing circuits
Timing devices
Torpedo models
Torsion meters
Tracer studies
Transmission electron microscopy
Transmissometers
Transonic wind tunnels
Tropical tests
Turbidimeters
Ultracentrifuges
Ultrasonic inspection

Ultrasonic tests
Ultraviolet spectrometers
Ultraviolet spectrophotometers
Vacuum apparatus
Vacuum chambers
Validation
Velocimeters
Venturi tubes
Verification
Vertical indicators
Vibrators (Electrical)
Vibrometers
Viewers
Viscometers
Viscosimeters
Visual inspection
Voltmeters
Vortex thermometers
Water absorption tests
Water analysis
Water channel test facilities
Water tunnels
Wattmeters
Wave analyzers
Wavemeters
Weight
Wind machines
Wind tunnel models
Wind tunnel nozzles
Wind tunnels
X ray apparatus

14/03 Recording and Playback Devices

Acoustic recording systems
Alphanumeric displays
Audio tapes
Audiovisual aids
Calligraphic displays
Cassettes
Color displays
Compact disks
Dielectric recording systems
Digital recording systems
Disk recording systems
DVD (Digital video disc)
Electronic recording systems
Erasure
Facsimile recording systems
Field ion images
Flat panel displays
Flight recorders
Flying spot scanners
Formats
Low resolution
Magnetic disks
Magnetic drums

Magnetic heads
Magnetic recording systems
Magnetic tape
Magnetic tape transport
Matrix displays
Multimedia
Optical recording systems
Phonographs
Playback
Pop up systems
Punched tape
Recording paper
Recording systems
Reproduction
Rewritable optical disks
Screens (Displays)
Sonic cameras
Sound reproduction systems
Spectrographs
Tape recorders
Tape recording
Tone arms
Turntables
Video recording
Video tape recording
Video tapes
Well logging

14/04 Photography

Aerial cameras
All sky cameras
Apertures
Area scanning
Astronomical cameras
Ballistic cameras
Black and white photographic film
Black and white photography
Camera components
Camera controls
Camera lenses
Camera magazines
Camera mounts
Camera shutters
Camera viewfinders
Cameras
Cinematography
Cinphotomacrography
Cinphotomicrography
Color film
Color photography
Combat films
Continuous strip cameras
Contrast
Copying cameras
Digital cameras
Digital images

Digital photography
Dry photographic processing
Electrooptical photography
Electrophotography
Exposure meters
Film transport systems
Frames (Photographs)
Ground photographs
Gun Sight cameras
High speed cameras
High speed photography
Image compression
Image motion compensation
Image projectors
Image reconstruction
Infrared cameras
Infrared film
Infrared photography
Kalvar film
Linearity
Medical cameras
Microfiche
Microfilm
Microform
Microphotography
Motion picture cameras
Motion picture film
Motion picture photography
Motion picture projectors
Motion picture screens
Motion pictures
Night photography
Orthophotography
Panoramic cameras
Panoramic equipment
Panoramic photographs
Panoramic scanners
Photocomposition
Photoflash lamps
Photofluorographic cameras
Photographic acutance
Photographic analysis
Photographic chemicals
Photographic contrast
Photographic data links
Photographic developers
Photographic driers
Photographic emulsions
Photographic equipment
Photographic film
Photographic film clips
Photographic filters
Photographic fixers
Photographic fog
Photographic grain
Photographic images

Photographic lighting systems
Photographic materials
Photographic negatives
Photographic paper
Photographic plates
Photographic printers
Photographic processing
Photographic processing equipment
Photographic processors
Photographic projectors
Photographic reconnaissance
Photographic recording media
Photographic recording systems
Photographic rectifiers
Photographic scale
Photographic texture
Photographic tone
Photographic windows
Photographs
Photography
Photoheliographs
Photomacrographs
Photomicrography
Pictures
Pixels
Processing
Processing equipment
Radar photography
Radar recording cameras
Radiographic film
Reconnaissance cameras
Reconnaissance film
Replicas
Rotating drum cameras
Rotating mirror cameras
Rotating prism cameras
Satellite imagery
Schlieren photography
Sequential photography
Sonic cameras
Sound motion picture projectors
Spacecraft cameras
Spark shadowgraph photography
Spectrographic cameras
Stereophotography
Stereoscopes
Stereoscopic cameras
Stereoscopic display systems
Stereoscopic projectors
Still projectors
Streak cameras
Streak cameras
Tachistoscopes
Telephoto lenses
Thermal images
Thermography

Toners
Topographic cameras
Tracking cameras
Training films
Transparencies
Ultraviolet photography
Underwater cameras
Underwater photography
Video frames
Video images
Video integration
Viewfinders
Wide field cameras
X ray diffraction cameras
X ray film
X ray photography
Zoom lenses

14/05 Printing and Graphic Arts

Aspect angle
Cards
Charts
Color separation
Computer printouts
Contact printers
Diagrams
Drafting
Electron beam lithography
Electronic publishing
Engineering drawings
Engraving
Etching
Formats
Graphic arts
Graphics
Grids
Ink jet printers
Lithography
Mechanical drawing
Microcontact molding
Microcontact printing
Microdots
Microfacsimile
Offset printing
Overlays
Photoengraving
Photolithography
Planform
Plotting
Plotting boards
Printing
Printing equipment
Projection printers
Reproducibility
Reproduction
Reproduction (Copying)

Schematic diagrams
Stereolithography
Typography
Visual aids
Visual design
Wiring diagrams
X ray lithography
Xerography

15 Military Sciences

Military applications
Military requirements
Military research

15/01 Military Forces and Organizations

Active duty
Air Defense Command
Air Force
Air Force Logistics Command
Air Force personnel
Air Force research
Air Force Systems Command
Air Force training
Army
Army Corps of Engineers
Army personnel
Army research
Army training
Artillery units
Base closures
Battalion level organizations
Battle group level organizations
Brigade level organizations
Cavalry
Coast Guard
Coast Guard personnel
Coast Guard research
Combat forces
Combat patrols
Combat readiness
Company level organizations
Corps level organizations
Department of Defense
Desertion
Division level organizations
Enemy
Field army
Forward observers
Gun crews
Infantry
Infantry personnel
Interagency coordination
Landing forces
Marine Corps
Marine Corps facilities
Marine Corps personnel

Marine Corps training
Militarily critical technologies
Military critical technology
Military downsizing
Military force levels
Military forces (Foreign)
Military forces (United States)
Military modernization
Military organizations
Military reserves
Military resistance
Military training
National Guard
NATO
NATO forces
Naval personnel
Naval training
Navy
Noncombatant
Organizations
Paramilitary forces
Platoon level organizations
Regiment level organizations
Reserve Officer Training Corps
Seabees
Seal teams
Special forces
Special operations forces
Squad level organizations
Squadrons
Strategic Air Command
Tactical Air Command
Task forces
Underwater demolition teams
Watch (Duty)
Western security (International)
Wing level organizations

15/02 Civil Defense

Border security
Civil defense
Evacuation
Fallout shelters
Homeland defense
Homeland security
Immigration control
National defense

15/03 Defense Systems

Active defense
Aircraft defense systems
Antiswimmer defense systems
Area defense
Area denial
Area security
Attack (Computers)

Defense in depth
Defense suppression
Defense systems
Early warning systems
Earthwork
Electronic security
Emplacement
False alarms
False signals
Forward areas
Foxholes
Harbor defense systems
Nonlethal weapons
Passive defense
Perimeters (Defense)
Point defense
Preparation
Protection
Revetments
Sandbags
Security
Ship defense systems
Space defense
Spacecraft defense systems
Task forces
Torpedo detection
Towed arrays
Tracking stations
Trenches
Vulnerability
War potential
Western security (International)

15/03/01 Antimissile Defense Systems

Air defense
Airborne early warning
Airborne warning and control system
Antimissile defense systems
Ballistic missile intercept systems
Forward area air defense systems
Guided missile detection
Guided missile tracking systems
Gun air defense systems
Midcourse defense
Satellite tracking systems
Sea based
Strategic defense initiative
Terminal defense
Theater missile defense

15/03/02 Antiaircraft Defense Systems

Air defense
Airborne early warning
Airborne warning and control system
Antiaircraft defense systems
Antiaircraft weapons

Forward area air defense systems
Gun air defense systems
Midcourse defense

15/03/03 Antisatellite Defense Systems

Air defense
Airborne early warning
Airborne warning and control system
Antisatellite defense systems
Satellite tracking systems

15/04 Military Intelligence

Acoustic intelligence
Acoustic surveillance
Aerial reconnaissance
Air intelligence
Army intelligence
Combat surveillance
Communications intelligence
Counterintelligence
Debriefing
Electronic intelligence
Electronic reconnaissance
Espionage
Human intelligence
Information surveillance
Infrared reconnaissance
Infrared surveillance
Intelligence
Interrogation
Microdots
Military intelligence
Naval intelligence
Night reconnaissance
Observation
Ocean surveillance
Photographic intelligence
Photographic reconnaissance
Radar intelligence
Radar reconnaissance
Reconnaissance
Space surveillance
Space surveillance systems
Strategic intelligence
Strategic warning
Surveillance
Tactical intelligence
Tactical reconnaissance
Tactical warning
Terrain intelligence
Undersea surveillance
Visual surveillance
Western security (International)

15/05 Logistics, Military Facilities and Supplies

Acquisition
Air Force equipment
Air Force facilities
Air Force procurement
Air logistics support
Air transportable equipment
Air transportation
Airlift operations
Ammunition damage
Army equipment
Army facilities
Army procurement
Backpacks
Bare bases
Barracks
Bayonets
Bedding
Blankets
Boots
Bulk cargo
Canadian equipment
Cannibalization
Cargo
Cargo handling
Carrier on board delivery
Chairs
Closed circuit refueling
Clothing
Coast Guard equipment
Combat readiness
Delivery
Disassembly
Disposable equipment
Facilities
Field equipment
Flight clothing
Floating bases
Footwear
Foreign military sales
Fortifications
Furniture
Gloves
Government furnished equipment
Government procurement
Handling
Heavy duty
Household goods
Industrial mobilization
Inventory
Inventory analysis
Inventory control
Jackets
Just in time inventory
Kits
Laundry operations
Leasing

Life cycle management
Life expectancy (Service life)
Logistics
Logistics management
Logistics planning
Logistics support
Maintenance
Maintenance equipment
Maintenance management
Manportable equipment
Marine Corps equipment
Marine terminals
Materials handling
Materiel
Mattresses
Military downsizing
Military equipment
Military facilities
Military procurement
Military supplies
Military transportation
Military vehicles
Misfires
Mobile
Mobility
Mobilization
Modification kits
Naval equipment
Naval logistics
Naval procurement
Naval shore facilities
Nonstandard parts
Obsolescence theory
Off the shelf equipment
Office equipment and supplies
Overcoats
Pallets
Parkas
Perishable cargo
Pipelines
Portable equipment
Prepositioning (Logistics)
Preventive maintenance
Procurement
Rapid deployment
Redundant components
Refueling
Relocation
Repair shops
Replacement
Replacement theory
Replenishment
Replenishment at sea
Reserve equipment
Resources
Retrofitting

Reusable equipment
Routing
Ruggedized equipment
Russian equipment
Sealift operations
Semiportable equipment
Shelf life
Shipping
Shirts
Shoes
Sites
Skis
Sleeping bags
Socks
Spare parts
Stacking
Standardization
Standby equipment
Storage
Storage racks
Stores
Strategic materials
Submarine bases
Supply depots
Tables (Furniture)
Tents
Toilet articles
Towels
Training gear
Transfer
Transport
Transportable
Transportation
Troubleshooting
Truck convoys
Typewriters
Underground facilities
Underwear
Uniforms
Unloading
VAMOS
Vendors
Vests
Warehouses

15/06 Military Operations, Strategy and Tactics

Abort
Aerial delivery
Aerial mine warfare
Aerial warfare
Air drop operations
Air Force operations
Air Force planning
Air land battles
Air power

Air strikes
Airmobile operations
Ambush
Amphibious operations
Antitank warfare
Area coverage
Army operations
Army planning
Assault
Attack
Battle management
Battlefields
Battles
Beach heads
Bombardment (Attack)
Catalytic conflict (Warfare)
Civil war (United States)
Close support
Coast Guard operations
Cold weather operations
Combat areas
Combat effectiveness
Combat simulation
Combat support
Confinement (General)
Conflict
Conventional warfare
Counterattack
Counterforces (Military)
Defense planning
Deployment
Desert Strike Operation
Embargo
Escort missions
Fire support
Firepower
First World War
Foreign military sales
Fratricide
Free dropping
Free fall models
Friendly fire
Geneva Conventions
Genocide
Ground based
Ground support
Humanitarian assistance
Information warfare
Interception probabilities
Interdiction
Intrusion
Iran Iraq War
Iraqi War
Joint military activities
Kill probabilities
Korean War

Land warfare
Landing forces
Laser targets
Lessons learned
Limited warfare
Littoral warfare
Loitering
Low intensity conflict
Marine Corps operations
Marine Corps planning
Military art
Military assistance
Military capabilities
Military doctrine
Military exercises
Military formations
Military geography
Military history
Military operations
Military planning
Military resistance
Military strategy
Military tactics
Mission profiles
Missions
Multimission
Multiple operation
Multiple targets
National security
Naval operations
Network-centric warfare
Night warfare
Operation
Operations other than war
Operational readiness
Optical warfare
Optical weapons
Order of battle
Patrolling
Peacekeeping
Penetration aids
Persian Gulf War
Postwar operations
Postattack operations
Preparation
Profiles
Psychological warfare
Quick reaction
Raids
Rear areas
Riverine warfare
Rules of engagement
Sabotage
Scenarios
Sealift operations
Second World War

Situational awareness
Standoff
Strategic analysis
Strategic areas
Strategic warfare
Strategic weapons
Strategy
Strike warfare
Surface targets
Tactical air control systems
Tactical air support
Tactical analysis
Tactical warfare
Tank warfare
Targets
Theater level operations
Threat evaluation
Threats
Traffic
Vietnam War
War games
Warfare
Wartime

15/06/01 Naval Surface Warfare

Antiship warfare
Fleet exercises
Flotilla
Naval mine warfare
Naval planning
Naval warfare
Sea based
Ship defense systems

15/06/02 Undersea and Antisubmarine Warfare

Antisubmarine defense systems
Antisubmarine warfare
Antisubmarine weapons
Countermining
Hunter killer groups
Magnetic minesweeping
Mine hunting
Mine warfare
Minelaying equipment
Minesweeping
Minesweeping equipment
Naval planning
Naval mine warfare
Naval warfare
Submarine detection
Torpedo attack
Torpedo targets
Undersea surveillance
Undersea warfare
Underwater demolition

Underwater object locators
Underwater targets
Underwater tracking

15/06/03 Chemical, Biological and Radiological Warfare

Agent Orange
Anticrop agents
Antimaterial agents
Antipersonnel agents
Antipersonnel effects
Arsenic agents
B agents
Bacterial aerosols
Biological aerosols
Biological agent detectors
Biological agents
Biological bombs
Biological warfare
Biological warfare agents
Biological warfare casualties
Bioterrorism
Blood agents
BZ agents
C agents
Chemical agent detectors
Chemical agent simulants
Chemical agent terrorism
Chemical agents
Chemical bombs
Chemical ordnance
Chemical projectiles
Chemical warfare
Chemical warfare agents
Chemical warfare casualties
Chemical warfare injuries
Chemical warfare laboratories
Choking agents
Collateral damage
Collective protection
Crayon detectors
CS agents
Decontamination
Decontamination equipment
Decontamination materials
Defoliants
Detoxification
Flame warfare
G agents
GA agent
Gasproof clothing
GB agent
GD agent
HD agent
Incapacitating agents
Irritating agents

Lethal agents
Lewisite
Masks
Mustard agents
Nerve agents
Neurotoxins
Nitrogen mustards
Nonlethal agents
Oxazepine
Poisonous gases
Psychochemical agents
Psychotropic agents
Radiation dosage
Radiation effects
Radiation weapons
Radiological laboratories
Radiological warfare
Radiological warfare agents
Riot control agents
Smoke screens
Tear gas
Toxic agent alarms
Toxic agents
V agents
VE agent
Vesicants
Vomiting agents
VX agent
Weapons effects
White phosphorus injuries

15/06/04 Nuclear Warfare

Assured destruction
CNWDI
Collective protection
Fire storms
First strike capability
Ground zero
Nuclear explosion detection
Nuclear forces (Military)
Nuclear proliferation
Nuclear warfare
Second strike capability
Surface zero

15/06/05 Space Warfare

Air power
Space defense
Space warfare
Space weapons

15/06/06 Land Mine Warfare

Antitank weapons
Antipersonnel mines
Antitank mines
Contact mines

Fougasse
Influence mines
Land mine warfare
Land mines
Magnetic mines
Mine batteries
Mine boosters
Mine cases
Mine clearance
Mine components
Mine countermeasures
Mine detectors
Mine fuzes
Mine hunting
Mine neutralization
Mine sterilizers
Minefields
Minelaying
Minelaying equipment
Minesweeping
Minesweeping equipment

15/06/07 Unconventional Warfare

Advisory activities
Afghanistan conflict
Arab guerrillas
Assassination
Asymmetric warfare
Counterinsurgency
Counterterrorism
Covert operations
Cyberterrorism
Domestic terrorism
Guerrilla warfare
Improvised weapons
Infiltration (Personnel)
Insurgency
Nontactical warfare
Sectarian violence
Subversion
Terrorism
Terrorists
Unconventional warfare
Unconventional weapons
Urban warfare

16 Guided Missile Technology

Guided missiles

16/01 Guided Missile Launching and Basing Support

Air launched
Checkout equipment
Checkout procedures
Guided missile launchers
Guided missile ranges

Guided missile safety
Guided missile silos
Gun launchers
Launch tubes
Launchers
Launching
Launching sites
Multilaunching
Sea launched
Ship launched
Submarine launched
Surface launched
Tube launched

16/02 Guided Missile Trajectories, Accuracy and Ballistics

Aerial delivery
Air navigation
Air to air
Air to surface
Air to underwater
Attitude control systems
Attitude (Inclination)
Angle of attack
Beam rider trajectories
Depressed trajectories
Flight maneuvers
Flight paths
Flight speeds
Flight testing (Guided Missiles)
Free flight
Free flight models
Free flight trajectories
Guided missile targets
Guided missile trajectories
Hypersonic flight
Impact prediction
Inflight
Level flight
Leveling
Medium altitude
Midcourse trajectories
Miss distance
Paths
Pitch (Inclination)
Subsonic flight
Supersonic flight
Trajectories
Transonic flight
Turning flight
Velocity

16/02/01 Guided Missile Dynamics, Configurations and Control Surfaces

Aerodynamic configurations
Aerodynamic control surfaces

Aerodynamics
Boattail afterbodies
Configurations
Cruciform configurations
Fins
Flight testing
Wind tunnel tests

16/03 Guided Missile Warheads and Fuzes

Exercise heads
Explosive warheads
Fragmentation warheads
Fragments
Guided missile fuzes
Guided missile warheads
Kill vehicles
Nose caps
Nose tips
Noses
Payload
Shaped charge warheads

16/04 Guided Missiles

Advanced weapons
Antiaircraft missiles
Antiaircraft weapons
Antiradiation missiles
Antisatellite missiles
Antiship missiles
Antisubmarine missiles
Antitank missiles
Antitank weapons
Automatic pilots
Damage
Damage assessment
Fire and forget weapons
Flight control systems
Guided missile antennas
Guided missile batteries
Guided missile components
Guided missile computers
Guided missile defense systems
Guided missile domes
Guided missile models
Guided missile signatures
Guided missile simulators
Guided missile windows
Guided missiles
Multipurpose missiles
Nose cones
Reconnaissance missiles

16/04/01 Air- and Space-Launched Guided Missiles

Air to air missiles

Air to space missiles
Air to surface missiles
Air to underwater missiles
Cruise missiles
Free fall missiles
Free fall weapons
Standoff missiles
Space launched

16/04/02 Surface-Launched Guided Missiles

Intercontinental ballistic missiles
Surface to air missiles
Surface to surface missiles
Surface to underwater missiles

16/04/03 Underwater-Launched Guided Missiles

Fleet ballistic missiles
Underwater to surface missiles
Underwater to underwater missiles

16/05 Guided Missile Reentry Vehicles

Lifting reentry vehicles
Maneuverable reentry vehicles
Nose caps
Nose tips
Noses
Reentry vehicles
Tank fragmentation
Tank fragments

17 Navigation, Detection and Countermeasures

Intrusion detection
Intrusion detectors
Mine detection
Mosaics (Detectors)
Personnel detection
Personnel detectors
Remote detectors

17/01 Acoustic Detection and Detectors

Acoustic detection
Acoustic detectors
Acoustic emissions
Acoustic homing
Acoustic images
Acoustic intelligence
Acoustic minesweeping
Acoustic navigation
Acoustic signatures
Acoustic tomography
Acoustic tracking
Arrays
Bistatic sonar

Bottom loss
Chirp sonar
Doppler sonar
Doppler systems
Echo ranging
Hydrographic sonar
Losses
Passive sonar
Pingers
Pressure signatures
Pulses
Ray tracing
Scanning sonar
Search sonar
Side looking sonar
Sonar
Sonar arrays
Sonar beacons
Sonar domes
Sonar echoes
Sonar equipment
Sonar images
Sonar projectors
Sonar pulses
Sonar receivers
Sonar signals
Sonar sound analyzers
Sonar targets
Sonar transducers
Sonobuoys
Sonograms
Sound ranging
Submarine noise
Suspended arrays
Synthetic aperture sonar
Target echoes
Torpedo noise
Towed sonar
Variable depth sonar

17/02 Non-acoustic and Non-magnetic Submarine Detection

Submarine detection
Wake detectors

17/03 Direction Finding

Angle of arrival
Azimuth
Bearing (Direction)
Direction finding
Direction finding stations
Goniometers
Misalignment

17/04 Countermeasures

Antiintrusion devices

Antijamming
Counter countermeasures
Countermeasures
Cyberterrorism
Deception
Decoys
Electronic support measures
Electronic warfare
Guided missile countermeasures
Information warfare
Interference
Jamming
Look through jamming
Masking
Noise generators
Noise jammers
Noise jamming
Nonreflecting coatings
Obscuration
Signals
Signature reduction
Stealth technology

17/04/01 Radio Countermeasures

Communications countermeasures
Electronic counter countermeasures
Electronic countermeasures
Interference guard band
Intersymbol interference
Radio antijamming
Radio countermeasures
Radio deception
Radio interception
Radio jamming

17/04/02 Acoustic Countermeasures

Acoustic countermeasures
Acoustic decoys
Acoustic jamming
Sonar interception

17/04/03 Radar Countermeasures

Chaff
Chaff cutters
Chaff dispensers
Electronic counter countermeasures
Electronic countermeasures
Radar absorbing materials
Radar antijamming
Radar camouflage
Radar confusion reflectors
Radar countermeasures
Radar deception
Radar decoys
Radar interception
Radar jamming

Radar repeaters
Radar silence
Radar warning receivers
Repeater jammers
Terrain masking
Window rockets

17/04/04 Optical Countermeasures

Camouflage
Concealment
Infrared counter countermeasures
Infrared countermeasures
Infrared decoys
Infrared flares
Infrared jamming
Infrared suppressors
Laser countermeasures
Laser hardening
Optical counter countermeasures
Optical countermeasures
Optical jamming
Smoke screens
Terrain masking
Thermal countermeasures

17/05 Optical Detection and Detectors

Augmentation
Binoculars
Cells
Change detection
Eyeglasses
Forward looking television
Fourier spectrometers
Gyrotheodolites
Interactions
LADAR (Laser detection and ranging)
Laser guidance
Laser target designators
Laser target interactions
Laser tracking
Line scanning
Multiband spectral reconnaissance
Night vision devices
Optical augmentation
Optical defense systems
Optical detection
Optical detectors
Optical radar
Optical scanning
Optical signatures
Optical target designators
Optical tracking
Periscopes
Photodetection
Photodetectors
Photoheliographs

Phototheodolites
Pockels cells
Reflectors
Signals
Starlight scopes
Submarine periscopes
Telescope lenses
Telescopes
Television tracking
Theodolites
Tracking telescopes
Video map matching
Visual signals

17/05/01 Infrared Detection and Detectors

Forward looking infrared systems
Infrared beacons
Infrared binoculars
Infrared detection
Infrared detectors
Infrared equipment
Infrared lamps
Infrared photoconductors
Infrared photoelectric cells
Infrared receivers
Infrared reconnaissance
Infrared scanning
Infrared signatures
Infrared surveillance
Infrared telescopes
Infrared tracking
LADAR (Laser detection and ranging)
Laser guidance
Laser target designators
Laser target interactions
Laser tracking
Multiband spectral reconnaissance
Optical radar
Thermal images
Thermal targets
Thermovision

17/05/02 Ultraviolet Detection and Detectors

Multiband spectral reconnaissance
Ultraviolet detection
Ultraviolet detectors
Ultraviolet equipment
Ultraviolet filters
Ultraviolet receivers
Ultraviolet signatures

17/06 Magnetic and Electric Field Detection and Detectors

Gradiometers

Magnetic anomaly detection
Magnetic detection
Magnetic detectors
Magnetic signatures
Metal detectors

17/07 Navigation and Guidance

Accelerometers
Acoustic homing
All inertial guidance
Autonomous navigation
Azimuth
Beacon lights
Bearing (Direction)
Celestial guidance
Celestial navigation
Command guidance
Compasses
Correlation guidance
Course indicators
Dead reckoning
Directional
Distance measuring equipment
Drift
East (Direction)
Electrically suspended gyros
Fog signals
Global positioning system
Guidance
Guidance computers
Gyro compasses
Gyro sextants
Gyroscopes
Gyrotheodolites
Height finding
High altitude
Homing
Homing devices
Homing interceptor terminal
Hyperbolic navigation
Identification
Identification lights
IFF systems
Inertial guidance
Inertial measurement units
Inertial navigation
Inertial systems
Infrared homing
Injection guidance
Laser guidance
Laser gyros
Light homing
LORAN
Magnetic guidance
Magnetic navigation
Marker lights

Markers
Metacentric height
Midcourse guidance
Misalignment
Navigation
Navigation charts
Navigation computers
Navigation satellites
Navigational aids
Navigational lights
North (Direction)
Omega navigation
Omnidirectional
Orientation (Direction)
Periscopic sextants
Position (Location)
Preset guidance
Proportional navigation
Pseudolite
Radar beacons
Radar homing
Radar navigation
Radio compasses
Radio direction finders
Radio homing
Radio navigation
Radio ranges
Rendezvous guidance
Satellite tracking systems
Semiactive guidance
Semiactive systems
Sextants
Ship to air
Ship to ship
Ship to shore
SHORAN
Short range (Distance)
Signals
South (Direction)
Space to space
Space to surface
Star trackers
Steering
Stellar map matching
Stereoscopic range finding
Surface to air
Surface to space
Surface to underwater
Television guidance
Terminal guidance
Terminal homing
Triangulation
Underbottom
Underwater to air
Underwater to surface
Underwater to underwater

Unidirectional
Vertical orientation
Video map matching
West (Direction)
Wire guidance

17/07/01 Land and Riverine Navigation and Guidance

Land navigation
Lightships
Surface navigation

17/07/02 Underwater and Marine Navigation and Guidance

Depth
Depth control
Depth finders
Depth finding
Depth indicators
Depthkeeping
Doppler navigation
Lightships
Marine navigation
Surface navigation
Underwater navigation

17/07/03 Air Navigation and Guidance

Air navigation
Air traffic control systems
Aircraft intercept control systems
Airport radar systems
Avoidance
Discrete address beacon system
Doppler navigation
Glide path systems
Guided missile computers
Hom on jam
Horizon scanners
Microwave landing systems
Radar landing control
Stabilized platforms
Stereoscopic height finding
Strapped down systems
TACAN
Terrain avoidance
Terrain following

17/07/04 Space Navigation and Guidance

Space navigation
Strapped down systems

17/08 Miscellaneous Detection and Detectors

Biological detection
Chemical agent detectors

Chemical detection
Detection
Detectors
Explosives detection
Identification
Identification systems
Locators
Multisensors
Ordnance locators
Proximity devices
Sensor fusion
Ship signatures
Side looking detectors
Signal processing
Smoke detectors
Space surveillance systems
Stereoscopic range finding
Torpedo detection
Tracking stations
Underwater object locators
Wake detection

**17/09 Active and Passive Radar
Detection and Equipment**

Acquisition radar
Airborne early warning
Airborne warning and control systems
Antiordnance radar
Azimuth gating
Bistatic radar
Carrier controlled approach radar
Chirp radar
Clutter
Coherent radar
Continuous wave radar
Cross sections
Diversity radar
Doppler radar
Doppler systems
False signals
False targets
Fire control radar
Ground clutter
Ground controlled approach radar
Ground controlled interception
Ground penetrating radar
Harbor radar
Meteorological radar
Missile site radar
Monopulse radar
Monostatic radar
Mortar locator radar
Moving target indicators
Multipath radar
Noise (Radar)
Over the horizon radar

Perimeter acquisition radar
Phase locked systems
Plan position indicators
Polyfrequency radar
Radar
Radar antennas
Radar beacons
Radar beams
Radar bombing
Radar clutter
Radar corner reflectors
Radar correlation
Radar cross sections
Radar duplexers
Radar equipment
Radar faces
Radar fans
Radar footprint
Radar homing
Radar images
Radar interference
Radar photography
Radar pulses
Radar range calibrators
Radar range computers
Radar receivers
Radar reconnaissance
Radar recording cameras
Radar reflections
Radar reflectors
Radar scanning
Radar signals
Radar signatures
Radar stations
Radar target designators
Radar target position simulators
Radar targets
Radar tracking
Radar transmitters
Radomes
Range gating
Satellite tracking systems
Sea clutter
Search radar
Shot noise
Side looking detectors
Side looking radar
Signals
Skip spin radar
Spin scan radar
Sweep frequency radar
Synthetic aperture radar
Target echoes
Terrain analysis radar
Track while scan
Tracks

Video filters
Video integration
Video map matching
Video networks
Video signals

17/10 Seismic Detection and Detectors

Gravimetry
Ground shock
Seismic arrays
Seismic data
Seismic detection
Seismic discrimination
Seismic signatures

17/11 Target Direction, Range and Position Finding

Aerial targets
Aiming
Aircraft signatures
Automatic tracking
Background
Bistatic detection
Coincidence range finding
Forward looking
Linear arrays
Low elevation
Motion detectors
Moving targets
Multiple targets
Multisensors
Navigation reference
Optical target designators
Over the horizon detection
Over the horizon targeting
Position finding
Range (Distance)
Range finding
Remote detection
Rocket targets
Signatures
Sounding
Space surveillance
Submarine signatures
Target acquisition
Target angle
Target classification
Target designators
Target detection
Target discrimination
Target echoes
Target lead indicators
Target position indicators
Target recognition
Target signatures
Target strength

Time sensitive targets
Tracking
Visual targets

18 Nuclear Science and Technology

Nuclear industrial applications

18/01 Fusion Devices (Thermonuclear)

Controlled nuclear fusion
Laser induced fusion
Magnetic mirrors
Nuclear fusion
Stellarators
Thermonuclear energy
Thermonuclear reactions
Tokamaks

18/02 Isotopes

Deuterium
Deuterium compounds
Deuterium ion concentration
Gaseous diffusion separation
Heavy water
Heavy water vapor
Isotope availability
Isotope effect
Isotope exchange
Isotope impurities
Isotope separation
Isotopes
Labeled substances
Radioactive isotopes
Radioactive materials
Radiocarbon dating
Stable isotopes
Thermal diffusion separation
Tracer studies
Tritiated compounds
Tritium

18/03 Nuclear Explosions and Devices (Non-Military)

Nuclear clouds
Nuclear explosions
Nuclear fireball
Stemming
Yield (Nuclear explosions)

18/04 Nuclear Instrumentation

Alpha counters
Alpha particle detectors
Beta counters
Bubble chambers
Chambers
Cloud chambers
Coincidence counting

Cosmic ray telescopes
 Count rate meters
 Crystal counters
 Dead time
 Dosimeters
 Drift tube mass spectroscopy
 Gamma counters
 Gamma spectrometers
 Geiger counters
 Health physics instrumentation
 Instrumentation
 Ionization chambers
 Luminescent dosimeters
 Mass spectrometers
 Neutron counters
 Neutron detectors
 Neutron spectrometers
 Nuclear instrumentation
 Nuclear radiation spectrometers
 Particle counters
 Proportional counters
 Proton counters
 Pulse height analyzers
 Radiation alarms
 Radiation measuring instruments
 Radiation monitors
 Scintillation counters
 Spark chambers
 Spectrometers
 Spectroradiometers
 Time to pulse height converters

18/05 Nuclear Power Plants and Fission Reactor Engineering

Colloid core reactors
 Confinement (General)
 Confinement (Nuclear reactors)
 Containment (General)
 Containment (Nuclear reactors)
 Engineering
 Feasibility studies
 Inspection
 Molten salt nuclear reactors
 Nuclear engineering
 Nuclear power plants
 Nuclear reactors
 Reactor accidents
 Reactor control
 Reactor feasibility studies
 Reactor fuel enrichment
 Reactor fuel processing
 Reactor hazards
 Reactor inspection
 Reactor operation
 Reactor shutdown

18/05/01 Nuclear Fission Reactors (Power)

Boiling water reactors
 Breeder reactors
 Circulating fuel reactors
 Enriched fuel reactors
 Fast reactors
 Fused salts cooled reactors
 Gas cooled reactors
 Graphite moderated reactors
 Heavy water reactors
 Heterogeneous reactors
 Homogeneous reactors
 Light water reactors
 Liquid metal cooled reactors
 Nuclear reactors
 Organic cooled reactors
 Organic moderated reactors
 Pressurized water reactors
 Production reactors
 Sodium graphite reactors
 Thermal reactors

18/05/02 Nuclear Fission Reactors (Non-Power)

Nuclear reactors
 Research reactors
 Test reactors

18/06 Nuclear Radiation Shielding, Protection and Safety

Decontamination equipment
 Manipulators
 Nuclear radiation protection
 Radiation damage
 Radiation hardening
 Radiation hazards
 Radiation protection
 Radiation resistance
 Radiation shielding
 Radiation simulation tests
 Radiological armor
 Reactor shielding calculations
 Reactor shielding materials
 Shielding
 X ray filters

18/07 Radioactivity, Radioactive Wastes and Fission Products

Alpha decay
 Artificial radioactivity
 Beta decay
 Decay
 Decay schemes
 Depleted uranium
 Electron irradiation

Fallout
Fission product activity
Fission products
Half life
Ionizing radiation
Irradiation
Isomeric transitions
Natural radioactivity
Nuclear radiation
Radiation
Radiation damage
Radioactive decay
Radioactive materials
Radioactivity
Radionuclides
Tracer studies

18/08 SNAP (Systems for Nuclear Auxiliary Power) Technology

Radioisotope thermoelectric devices
SNAP technology

18/09 Fission Reactor Physics

Buckling (Neutron density)
Coefficients
Conversion ratio
Critical assemblies
Fast fission factor
Fission
Fission product poisoning
Fuel burn up
Multiplication factor
Neutron age
Neutron flux
Neutron lifetime
Neutron multiplication factor
Neutron transport theory
Nonleakage probability
Power coefficient of reactivity
Reactor criticality
Reactor kinetics
Reactor lattice parameters
Reactor power density
Reactor reactivity
Reactor theory
Subcritical assemblies
Temperature coefficient of reactivity
Thermal utilization

18/10 Fission Reactor Materials

Beam holes
Control rods
Cores
Fissionable materials
Liquid metal coolants
Neutron absorbers

Reactor coolants
Reactor cores
Reactor fuel cladding
Reactor fuel elements
Reactor fuel plates
Reactor fuel rods
Reactor fuels
Reactor materials
Reactor moderators
Reactor poisons
Reactor reflectors
Reactor safety fuzes
Reactor safety systems
Reactor start up sources
Reactor system components
Sources
Thermal column

19 Ordnance

Ordnance
Ordnance laboratories
Quiet weapons
Tactical weapons
Weapon mixes
Weapon systems
Weapons

19/01 Ammunition and Explosives

Acoustic mines
Aerial mines
Aircraft ammunition
Aluminized explosives
Aluminized propellants
Amatex
Amatol
Ammunition
Ammunition belt links
Ammunition cases
Ammunition components
Ammunition fragments
Antiaircraft ammunition
Antiaircraft weapons
Antiarmor ammunition
Antidisturbance devices
Antimateriel ammunition
Antipersonnel ammunition
Antiship ammunition
Antitank ammunition
Antitank weapons
Arming devices
Arming sequence
Armor piercing ammunition
Artillery ammunition
Ball ammunition
Ball powder propellants
Ballistite

Base detonating fuzes
Black powder
Booby traps
Boosters (Explosives)
Bursting charges
Canister projectiles
Caps (Explosives)
Cartridge cases
Cartridges
Cartridges (Pad)
Caseless ammunition
Catapults
Clock delay mechanisms
Cluster warheads
Combustible cartridge cases
Continuous rod warheads
Controlled mines
Cyclotol
Deformable projectiles
Delay elements (Explosive)
Demolition
Demolition charges
Dense inert metal explosives
Destructors
Detonating cord
Detonators
DNT
Double base gun propellants
Dynamite
Electric detonators
Electric fuzes (Ordnance)
Electric igniters
Electric primers
Electromagnetic fuzes
Electrostatic fuzes
Exercise heads
Exploding wires
Explosive actuators
Explosive charges
Explosive gases
Explosive ordnance disposal
Explosive trains
Explosively formed penetrators
Explosives
Explosives initiators
Extended range projectiles
Fin stabilized ammunition
Firing mechanisms (Ammunition)
Flashless propellants
Flechettes
Fragmentation ammunition
Fragments
Fulminates
Fuse lighters
Fuze functioning elements
Fuze setters

Fuzes (Ordnance)
Grenade fuzes
Grenades
Gun propellants
Height of burst
High capacity projectiles
High energy propellants
High explosive ammunition
High explosives
HMX
Hydrostatic fuzes
Igniters
Impact fuzes
Improvised weapons
Insensitive explosives
Kinetic energy projectiles
Linkless ammunition
Liquid explosives
Liquid filled projectiles
Liquid gun propellants
Liquid propellants
Loading (Ordnance projectors)
Magazines (Ordnance)
Magnetic fuzes
Malfunctions
Mechanical fuzes
Mines (Ordnance)
Miniature fuzes
Misfires
Mortar ammunition
Mortar fuzes
Muzzle flash
Muzzle velocity
Nitroguanidine
Nose fuzes
Optical fuzes
Ordnance disposal tools
Pellets
Pentolite
Plastic bonded explosives
Plastic explosives
Point detonating fuzes
Point initiating fuzes
Powder bags
Premature functioning (Ordnance)
Primer cups
Primers
Projectile caps
Projectile cases
Projectile components
Projectile fuzes
Projectile noses
Projectiles
Projector charges
Propellant actuated devices
Propellant flashes

Propellant grains
 Propellant modifiers
 Propellant smoke
 Propellants
 Propelling charges
 Proximity devices
 Proximity fuzes
 Radio proximity fuzes
 RDX
 Rocket assisted projectiles
 Rotating bands
 Sabot projectiles
 Sabots
 Safety fuses
 Safing and arming (Ordnance)
 Self destroying fuzes
 Self destruct devices
 Setback (Fuzes)
 Shaped charge jets
 Shaped charge warheads
 Shaped charges
 Sheet explosives
 Slurry explosives
 Small arms ammunition
 Smokeless propellants
 Solid propellants
 Spin stabilized ammunition
 Subcaliber projectiles
 Submunitions
 Superquick fuzes
 Sympathetic detonations
 Tail fuzes
 Target activated munitions
 Tetraethylene pentamine nitrate
 Thermite
 Time delay fuzes
 Time fuzes
 TNT
 Torpex
 Training ammunition
 Trip wires
 Tritonal explosives
 Unassisted projectiles
 Unexploded ammunition
 Velocity
 Warheads
 Window projectiles
 Zone charges

19/01/01 Pyrotechnics

Aircraft flares
 Chemical ordnance
 Colored flares
 Colored smokes
 Flame weapons
 Flamethrower fuels

Flamethrowers
 Flares
 Float flares
 Fuel air explosives
 Illuminants
 Illuminating grenades
 Illuminating projectiles
 Incendiary ammunition
 Incendiary bombs
 Incendiary effects
 Incendiary gels
 Incendiary mixtures
 Incendiary projectiles
 Infrared fuzes
 Markers
 Napalm bombs
 Parachute flares
 Photoflash ammunition
 Photoflash bombs
 Photoflash cartridges
 Photoflash projectiles
 Pyrotechnic projectors
 Pyrotechnics
 Rocket flares
 Smoke bombs
 Smoke generators
 Smoke munitions
 Smoke projectiles
 Spotting charges
 Spotting rounds
 Tracer ammunition

19/02 Aerial Bombs

Aerodynamic control surfaces
 Ballutes
 Bomb auxiliary equipment
 Bomb carriers
 Bomb cases
 Bomb clusters
 Bomb components
 Bomb fins
 Bomb fuzes
 Bomb handling vehicles
 Bomb hoists
 Bomb racks
 Bomb skids
 Bomb trucks
 Bomblets
 Bombs
 Cluster weapons
 Firebombs
 General purpose bombs
 Glide bombs
 Igniters
 Leaflet bombs
 Napalm bombs

Practice bombs
Thermobaric weapons

19/03 Combat Vehicles

Armored personnel carriers
Armored vehicles
Combat vehicles
Military vehicles
Mine resistant vehicles
Propulsion system components
Propulsion systems
Scout cars
Self propelled
Self propelled guns
Smart weapons
Tank turrets
Tank vents
Tanks (Combat vehicles)
Vehicular armor
Weapons carriers

19/04 Armor

Aramid Yarn
Armor
Armor plate
Body armor
Composite armor
Radiological armor
Reactive armor
Rolled homogeneous armor
Spaced armor
Vehicular armor

19/05 Fire Control and Bombing Systems

Aerial delivery
Aerial gunnery
Aiming
Aircraft fire control systems
Antiaircraft fire control systems
Antiaircraft gunnery
Antiaircraft weapons
Antisubmarine fire control systems
Area bombing
Artillery fire
Blind bombing
Bomb directors
Bomb ejectors
Bombing
Bombing computers
Bombsights
Boresighting
Circular error probable
Cueing
Cyclic rate
Dive bombing

Ejectors
Electric trigger controls
Fire control computers
Fire control radar
Fire control system components
Fire control systems
Firepower
Firing circuits
Firing error indicators
Firing tables
Gun directors
Gun sights
Gunnery
Gunnery trainers
Gyroscopic sights
High altitude bombing
High speed bombing
Illuminated sights
Impact computers
Impact prediction
Indirect fire
Lead angle
Line of fire
Line of sight
Loading (Ordnance projectors)
Low altitude bombing
Marksmanship
Miss distance
Naval gunnery
Night bombing
Night sights
Offset bombing
Optical sights
Optical target designators
Parallax computers
Periscopic gun sights
Precision
Precision bombing
Proficiency
Radar bombing
Radar gun sights
Range finding
Range tables
Reflex sights
Rocket sights
Rocket targets
Salvos
Sights
Skip bombing
Slant range
Sniperscopes
Strategic bombing
Tactical bombing
Target acquisition
Target classification
Target designators

Target discrimination
Target lead indicators
Target position indicators
Target recognition
Targeting
Telescopic gun sights
Time sensitive targets
Torpedo data computers
Toss bombing
Towed targets
Training gear
Triple ejection racks
Weapon control
Weapon delivery
Weapon system effectiveness

19/06 Guns

Advanced weapons
Air guns
Aircraft guns
Ammunition feed mechanisms
Antiaircraft guns
Antisubmarine weapon projectors
Antitank guns
Antitank weapons
Artillery
Automatic weapons
Breech mechanisms
Cartridge case extractors
Dual purpose guns
Ejectors
Ejectors (Ordnance)
Electric guns
Electromagnetic guns
Electrothermal chemical guns
Elevating gear
Feed mechanisms
Firing mechanisms (Weapon)
Firing pins
Firing rates
Firing tests (Ordnance)
Gas guns
Gatling guns
Grenade launchers
Gun barrel attachments
Gun barrel liners
Gun barrels
Gun chambers
Gun chargers
Gun components
Gun launchers
Gun mounts
Gun muzzles
Gun turrets
Gunfire
Guns

Howitzers
Hypervelocity guns
Hypervelocity projectiles
Hypervelocity weapons
Light gas guns
Link chutes
Liquid propellant guns
Loaders
Loading (Ordnance projectors)
Machine guns
Mortars
Muzzle brakes
Naval guns
Pistols
Projectors (Ordnance)
Ram accelerators
Recoil
Recoil mechanisms
Recoilless guns
Reflex collimators
Response
Rifle grenade launchers
Rifles
Rifling
Rounds counters
Semiautomatic
Semiautomatic weapons
Shotguns
Silencers (Ordnance)
Small arms
Spotting rifles
Submachine guns
Tank guns
Water cannons

19/07 Rockets

Advanced weapons
Aircraft rockets
Antipersonnel weapons
Antivehicle weapons
Artillery rockets
Bazookas
Ducted rockets
Folding fins (Rockets)
Glide vanes
Gun launchers
Launchers
Launching
Pyrogen igniters
Rocket antennas
Rocket closure cups
Rocket components
Rocket engine cases
Rocket fuzes
Rocket igniters
Rocket launchers

Rocket launching
Rocket noses
Rocket nozzles
Rocket warheads
Rocketborne
Rockets
Shoulder launched weapons
Spin stabilized rockets
Thrust chambers
Underwater rockets
Window projectiles
Window rockets

19/08 Underwater Ordnance

Acoustic mines
Antisubmarine ammunition
Antisubmarine weapons
Antisweep mines
Captor mines
Contact mines
Controlled mines
Depth bombs
Depth charge components
Depth charges
Influence mines
Limpet weapons
Magnetic mines
Magnetic minesweeping
Mine batteries
Mine boosters
Mine cases
Mine clearance
Mine components
Mine countermeasures
Mine detectors
Mine fuzes
Mine neutralization
Mine sterilizers
Mine warfare
Minefields
Mines (Ordnance)
Minesweeping
Moored bodies
Moored mines
Naval mines
Pressure mines
Towed mines
Underwater mines
Underwater ordnance
Underwater projectiles

19/08/01 Torpedoes

Acoustic torpedoes
Aircraft torpedoes
Antitorpedo torpedoes
Exercise heads

Homing torpedoes
Otto fuels
Quiet torpedoes
Torpedo components
Torpedo countermeasures
Torpedo exploders
Torpedo launchers
Torpedo motors
Torpedo propellants
Torpedo trajectories
Torpedo tubes
Torpedo turbines
Torpedo warheads
Torpedoes

19/09 Explosions

Airburst
Backblast
Blast
Blast loads
Blast waves
Bomb damage
Collateral damage
Cratering
Damage
Damage assessment
Detonation waves
Detonations
Dust explosions
Dynamic pressure
Explosion bubbles
Explosion effects
Explosion gases
Explosions
Fragments
Gun smoke
Impact flash
Implosions
Multibursts
Overpressure
Stemming
Surface burst
Torpedo damage
Underground explosions
Underwater explosions
Weapons effects

19/10 Ballistics

Aeroballistics
Aerodynamics
Ammunition damage
Autofrettage
Autorotation
Ballistic cameras
Ballistic trajectories
Ballistics

Balloting (Interior ballistics)
Boattail afterbodies
Bomb trajectories
Collateral damage
Exterior ballistics
Flat trajectories
Flight testing
Foreign object damage
Fragmentation
Free dropping
Free fall models
Free flight
Free flight models
Free flight trajectories
Hydroballistics
Hypervelocity impact
Impact point
Interior ballistics
Midcourse trajectories
Obturation (Ballistics)
Paths
Projectile trajectories
Ricochet
Rocket trajectories
Spallation
Terminal ballistics
Trajectories
Underwater ballistics
Underwater trajectories
Weapons effects
Wind tunnel tests

19/11 Nuclear Weapons

Atomic demolition munitions
CNWDI
Collateral damage
Damage
Damage assessment
Fission weapons
Fusion weapons
Mass destruction weapons
Nuclear bombs
Nuclear clouds
Nuclear explosion damage
Nuclear explosion simulation
Nuclear explosion testing
Nuclear explosions
Nuclear fireball
Nuclear flash
Nuclear forces (Military)
nuclear warheads
Nuclear weapon debris
Nuclear weapons
Radiation damage
Radiation weapons
Yield (Nuclear explosions)

19/12 Directed Energy Weapons

Directed energy weapons
Laser targets
Laser weapons
Particle beam weapons
Radiofrequency weapons

19/13 Guided Munitions

Fire and forget weapons
Guided bombs
Guided munitions
Guided projectile
Guided weapons
Gun launched
Launching

20 Physics

Physical properties
Physical sciences
Physics
Physics laboratories

20/01 Acoustics

Acoustic absorption
Acoustic attenuation
Acoustic beams
Acoustic channels
Acoustic compatibility
Acoustic data
Acoustic emissions
Acoustic equipment
Acoustic fields
Acoustic filters
Acoustic horns
Acoustic impedance
Acoustic insulation
Acoustic lenses
Acoustic materials
Acoustic measurement
Acoustic properties
Acoustic reflection
Acoustic refraction
Acoustic resonance
Acoustic resonators
Acoustic scattering
Acoustic signals
Acoustic signatures
Acoustic velocity
Acoustic waves
Acoustic windows
Acoustics
Aerodynamic noise
Aircraft engine noise
Aircraft noise
Ambient noise

Amplification
Amplifiers
Attenuation
Audio frequency
Auditory signals
Background noise
Backscattering
Beat signal
Bioacoustics
Bottom bounce
Bottom loss
Cavitation noise
Combat noise
Compatibility
Compression waves
Compressor noise
Doppler effect
Dynamic range
Dynamic response
Earphones
Echoes
Elastic waves
Electric motor noise
Electroacoustic materials
Engine noise
Flow noise
Free field
Frequency
Frequency multipliers
Gaussian noise
Gear noise
Geoacoustics
High pass filters
Hydroacoustics
Hydrophones
Hypersonic waves
Industrial noise
Infrasonic radiation
Infrasonics
Infrasound
Internal combustion engine noise
Jet aircraft noise
Jet engine noise
Losses
Low frequencies
Low noise
Machinery noise
Magnetoacoustics
Marine biological noise
Mechanical waves
Megaphones
Mufflers
Noise modulation
Noise reduction
Noise (Sound)
Plane waves

Propeller noise
Pseudo noise systems
Radiated noise
Ray tracing
Reduction
Resonance
Response
Reverberation
Secondary waves
Self noise
Ship noise
Shock waves
Signals
Sonic boom
Sound
Sound analyzers
Sound generators
Sound pitch
Sound pressure
Sound transmission
Sound waves
Spectrophones
Submarine noise
Thermoacoustics
Third harmonic generation
Torpedo noise
Tuning forks
Ultrasonic frequencies
Ultrasonic properties
Ultrasonic radiation
Ultrasonics
Underwater acoustics
Underwater sound
Underwater sound equipment
Underwater sound generators
Underwater sound signals
Velocity
White noise

20/02 Crystallography

Anisotropy
Atomic layer epitaxy
Bragg angle
Brillouin zones
Cleavage
Color centers
Crystal defects
Crystal growth
Crystal lattices
Crystal structure
Crystal substructure
Crystallization
Crystallography
Crystals
Czochralski crystals
Dendritic structure

Dislocations
 Displacement
 Epitaxial growth
 Etched crystals
 Excitons
 Ferroelectric crystals
 Grain boundaries
 Grain size
 Growth (General)
 Inclusions
 Interstitial
 Ionic crystals
 Ionized crystals
 Isotropism
 Lattice dynamics
 Liquid phase epitaxy
 Microstructure
 Molecular beam epitaxy
 Mosaic structures (Crystallography)
 Nucleation
 Photonic crystals
 Piezoelectric crystals
 Pleochroism
 Point defects
 Polycrystalline
 Polymorphism
 Recrystallization
 Simple cubic lattices
 Single crystals
 Superlattices
 Symmetry (Crystallography)
 Twinning (Crystallography)
 Vacancies (Crystal defects)
 Voids
 Whiskers (Crystals)

20/03 Electricity and Magnetism

Admittance
 Alternating current
 Analog signals
 Anodic polarization
 Antiferroelectricity
 Antiferromagnetism
 Attenuation
 Avalanche effect (Electronics)
 Bipolar systems
 Blanking (Electronics)
 Breakdown (Electronic threshold)
 Bulk filtering
 Capacitance
 Cepstrum technique
 Charge carriers
 Charge density
 Charge transfer
 Circuit analysis
 Coercive force

Compatibility
 Conductivity
 Cores
 Coronas
 Cross modulation
 Curie temperature
 Current density
 Cyclotron waves
 Deflection
 Deflection coils
 Deflectors
 Degaussing
 Demagnetization
 Demodulation
 Detuning
 Diamagnetism
 Dielectric films
 Dielectric properties
 Dielectric strength
 Dielectrics
 Differentiating circuits
 Dipole moments
 Dipoles
 Direct current
 Dissipation factor
 Eddy currents
 Electrets
 Electric arcs
 Electric charge
 Electric current
 Electric discharges
 Electric double layer
 Electric fields
 Electric moments
 Electrical conductivity
 Electrical corona
 Electrical grounding
 Electrical impedance
 Electrical insulation
 Electrical loads
 Electrical measurement
 Electrical properties
 Electrical resistance
 Electrical resistivity
 Electricity
 Electroacoustic materials
 Electroacoustic transducers
 Electroacoustics
 Electrodynamics
 Electrokinetics
 Electroluminescence
 Electromagnetic compatibility
 Electromagnetic fields
 Electromagnetic induction
 Electromagnetic properties
 Electromagnetic susceptibility

Electromagnetism
 Electromagnets
 Electron density
 Electrostatic charge
 Electrostatic fields
 Electrostatic precipitation
 Electrostatics
 Electrostriction
 Emitters
 Fan out circuits
 Far field
 Ferrimagnetism
 Ferroelectric domains
 Ferroelectric materials
 Ferroelectricity
 Ferrokinesis
 Ferromagnetic domains
 Ferromagnetic resonance
 Ferromagnetism
 Field emission
 Field intensity
 Field ion microscopy
 Finite difference time domain
 Flux density
 Gaseous electronics
 Glow discharges
 Gunn effect
 Hall effect
 Heterodyning
 High gain
 High reliability
 High temperature superconductors
 High voltage
 Hysteresis
 Impedance
 Impedance matching
 Inductance
 Induction systems
 Insertion loss
 Kerr magneto-optical effect
 Leakage (Electrical)
 Loading (Electronics)
 Locking (Electronics)
 Logic circuits
 Logic devices
 Lorentz force
 Losses
 Low intensity
 Low loss
 Low voltage
 Magnet coils
 Magnetic anomalies
 Magnetic circuits
 Magnetic cores
 Magnetic devices
 Magnetic dipoles
 Magnetic disturbances
 Magnetic domains
 Magnetic fields
 Magnetic forces
 Magnetic induction
 Magnetic materials
 Magnetic mirrors
 Magnetic moments
 Magnetic properties
 Magnetization
 Magnetoacoustics
 Magnetoimpedance
 Magnetometry
 Magneto-optics
 Magnetoresistance
 Magnetostatics
 Magnetostriction
 Magnets
 Matrices (Circuits)
 Maxwells equations
 Modulation
 Molecular electronics
 Near field
 Negative polarity
 Neutralization
 Noise (Electrical and Electromagnetic)
 Order circuits
 Oscillation
 Overload
 Paramagnetic materials
 Paramagnetic resonance
 Paramagnetism
 Peltier effect
 Permanent magnets
 Permeability (Magnetic)
 Permittivity (Electrical)
 Phase (Electronics)
 Photoconductivity
 Photoconductors
 Photoelectric effect
 Photoelectric emission
 Photoelectric materials
 Photoelectricity
 Photomagnetic effect
 Piezoelectric crystals
 Piezoelectric effect
 Piezoelectric materials
 Piezoelectricity
 Polarity
 Power measurement
 Probes (Electromagnetic)
 Pseudo noise systems
 Pulse trains
 Pulses
 Pumping (Electronics)
 Pyroelectricity

Q factors
Q switching
Quadrupole moment
Quenching (Electrical)
Radiation absorption
Radiation attenuation
Reactance
Reentrant electronics
Reflectance
Regeneration (Electronics)
Reliability (Electronics)
Remnant magnetism
Seebeck effect
Short circuits
Signals
Snells law
Solid state electronics
Space charge
Sparks
Spectrum analyzers
Static electricity
Static eliminators
Steady state
Superconducting magnets
Superconductivity
Superconductors
Synchronization (Electronics)
Thermionic emission
Thermoelectricity
Transconductance
Transients
Transmissivity
Transmittance
Trapping (Charged particles)
Triboelectricity
Visionics
Voltage
Voltammetry
White noise
Wiggler magnets

20/04 Fluid Mechanics

Adiabatic gas flow
Aerodynamic characteristics
Aerodynamic drag
Aerodynamic forces
Aerodynamic heating
Aerodynamic lift
Aerodynamic loading
Aerodynamic noise
Aerodynamic stability
Aerodynamics
Aeroelasticity
Aerostatics
Aerothermodynamics
Aerothermoelasticity

Air flow
Air pressure
Air resistance
Annular flow
Area suction
Autorotation
Axial flow
Axially symmetric flow
Back pressure
Backflow
Base flow
Base pressure
Blooming
Blowdown
Blowoff
Bodies
Boundary layer
Boundary layer control
Boundary layer flow
Boundary layer transition
Boundary layer trips
Bow shock
Bubbles
Buffeting
Buoyancy
Capillarity
Capillary waves
Cascades (Fluid dynamics)
Cavitation
Cavitation corrosion
Channel flow
Circulation
Coanda effect
Compressible flow
Compression
Compression ratio
Compression waves
Computational fluid dynamics
Confluence
Convection
Convergence
Coriolis effect
Couette flow
Cross flow
Damping
Decompression
Distribution
Downstream flow
Downwash
Drag
Drag reduction
Drops
Eddies (Fluid mechanics)
Effusion
Electrorheology
Euler equations

Explosive decompression
Fairings
Falling bodies
Fins
Flotation
Flow
Flow fields
Flow noise
Flow rate
Flow separation
Flow streamline
Flow visualization
Fluid dynamics
Fluid flow
Fluid mechanics
Fluids
Flutter
Flutter simulators
Free stream
Froude number
Frozen equilibrium flow
Gas dynamics
Gas flow
Glide vanes
Ground effect
Head (Fluid mechanics)
High lift
High pressure
High viscosity
Hilsch tubes
Hot gases
Hydraulic jets
Hydraulic models
Hydraulic pressure
Hydraulics
Hydrodynamic characteristics
Hydrodynamic codes
Hydrodynamic configurations
Hydrodynamic control surfaces
Hydrodynamics
Hydroelasticity
Hydromechanics
Hydroplaning
Hydrostatic pressure
Hydrostatics
Hypersonic characteristics
Hypersonic diffusers
Hypersonic flow
Hypersonic nozzles
Hypersonic velocity
Impingement
Incompressible flow
Infiltration (Fluids)
Inviscid flow
Jet flow
Jet mixing flow

Jets
Knudsen number
Laminar boundary layer
Laminar flow
Laser anemometers
Laser velocimeters
Layers
Lift
Lift to drag ratio
Liquid jets
Low drag
Low pressure
Mach number
Magnetorheology
Magnus effect
Mass flow
Mechanical waves
Multiphase flow
Navier Stokes equations
Nonequilibrium flow
Nonnewtonian fluids
Nonuniform flow
Nozzle gas flow
One dimensional
One dimensional flow
Overpressure
Pipe flow
Poiseuille flow
Porosity
Potential flow
Prandtl number
Pressure
Pressure distribution
Pressure gradients
Radial flow
Rarefaction
Rarefied gas dynamics
Rarefied gases
Rayleigh Taylor instability
Reduction
Reverse osmosis
Reynolds number
Rheology
Richardson number
Ripples
Rossby waves
Secondary flow
Shear flow
Shifting equilibrium flow
Shock waves
Sideslip
Skin friction
Slamming
Slender bodies
Slip flow
Slipstream

Sloshing
Solitons
Spherical waves
Spin stabilization
Splash
Sprays
Stagnation
Stagnation point
Stagnation pressure
Stagnation temperature
Steady flow
Steady state
Strakes
Streamflow analysis
Streamline shape
Strouhal number
Subsonic characteristics
Subsonic diffusers
Subsonic flow
Subsonic nozzles
Suction
Supercritical flow
Superfluidity
Supersonic characteristics
Supersonic diffusers
Supersonic drag
Supersonic flow
Supersonic inlets
Supersonic nozzles
Surface tension
Thermal boundary layer
Three dimensional flow
Three phase flow
Throughput
Tracks (Aerodynamics)
Trailing vortices
Transonic characteristics
Transonic flow
Transonic nozzles
Trim angle
Troughs
Turbulence
Turbulent boundary layer
Turbulent diffusion
Turbulent flow
Twist (Aerodynamics)
Two dimensional flow
Two phase flow
Ultrahigh vacuum
Unsteady aerodynamics
Unsteady flow
Vacuum
Variable pressure
Velocity
Vertical stabilizers
Viscometers

Viscosity
Viscosity index
Viscous flow
Vortex shedding
Vortices
Wake
Water entry
Water exit
Water flow
Water hammer
Water impingement
Water jets
Waves
Wind shear

20/05 Atomic and Molecular Physics and Spectroscopy

Absorption
Absorption spectra
Adhesion
Atomic charge
Atomic energy levels
Atomic orbitals
Atomic properties
Atomic spectra
Atomic spectroscopy
Atomic structure
Atomization
Atoms
Auger electron spectroscopy
Auger electrons
Band spectra
Charged particles
Collision broadening
Computational chemistry
Deuterons
Diatomic molecules
Distribution
Electron diffraction
Electron impact spectra
Electron paramagnetic resonance
Electron scattering
Electron spectroscopy
Electron spin resonance
Electron transitions
Emission spectra
Emission spectroscopy
Energy levels
Excimers
Excitation
Fourier spectroscopy
Frequency
Gratings (Spectra)
Ground state
Heavy ions
Hydrogen ions

Hyperfine structure
Hyperspectral imagery
Infrared spectra
Infrared spectroscopy
Interactions
Ion density
Ion ion interactions
Ion molecule interactions
Ionic strength
Ionization potentials
Ions
Lamb shift
Laser spectroscopy
Line spectra
Macromolecules
Microwave spectroscopy
Molecular orbitals
Molecular association
Molecular beams
Molecular complexes
Molecular dynamics
Molecular energy levels
Molecular ions
Molecular isomerism
Molecular orbitals
Molecular properties
Molecular rotation
Molecular spectroscopy
Molecular states
Molecular structure
Molecular vibration
Molecular weight
Molecule molecule interactions
Molecules
Multispectral
Nuclear magnetic resonance
Nuclear quadrupole resonance
Nuclear resonance
Optical pumping
Orbits
Polar molecules
Polyatomic molecules
Raman spectra
Raman spectroscopy
Relaxation time
Response
Rotation (Chemical bonds)
Rydberg constant
Selection rules (Physics)
Spectra
Spectral emittance
Spectral energy distribution
Spectral lines
Spectrography
Spectrometry
Spectroscopy

Spectrum analysis
Spin orbit coupling
Spin states
Stark effect
Stokes radiation
Structural properties
Two photon absorption
Ultraviolet spectra
Ultraviolet spectroscopy
Valence
Valence bands
Van der Waals forces
Vibrational spectra
Visible spectra
X ray photoelectron spectroscopy
X ray spectra
X ray spectroscopy
Zeeman effect

20/06 Optics

Absorption coefficients
Achromatic
Adaptive optics
Afocal optical lenses
Afterglows
Albedo
Amplification
Amplifiers
Angle of reflection
Aspherical lenses
Attenuation
Backscattering
Beam forming
Beam splitting
Birefringence
Black (Color)
Blue (Color)
Brightness
Canopies
Cassegrainian optical systems
Cathodoluminescence
Cells
Chemiluminescence
Chromaticity
Coherent optical radiation
Collimators
Colorimeters
Colorimetry
Coloring
Colors
Comparators
Composite images
Contact lenses
Continuous spectra
Corner reflectors
Cross sections

Cross polarization
Darkness
Deflectors
Deformable mirrors
Depolarization
Dichroism
Diffraction
Diffraction analysis
Diffractometers
Diffuse reflection
Diffusion
Diffusivity
Distortion
Doppler effect
Electrocoloration
Fabry Perot interferometers
Far infrared radiation
Far ultraviolet radiation
Faraday effect
Flashes
Flicker
Fluorescence
Fluorometers
Focal planes
Focusing
Folded optical lenses
Fresnel lenses
Fresnel zones
Glare
Glint
Gratings (Spectra)
Gray (Color)
Gray scale
Green (Color)
High resolution
Illumination
Image dissection
Image intensification
Image intensifiers (Electronics)
Image registration
Image restoration
Images
Incandescence
Infrared domes
Infrared equipment
Infrared filters
Infrared images
Infrared optical materials
Infrared optical systems
Infrared phenomena
Infrared phosphors
Infrared photoconductors
Infrared pulses
Infrared radiation
Infrared research
Infrared spectrophotometers

Infrared transmitters
Infrared windows
Integrated optics
Interferograms
Interferometers
Interferometry
Intermediate infrared radiation
Internal reflection
Kerr cells
Laser mirrors
Laser pumping
Laser spots
Lenses
Light
Light modulators
Light pulses
Light scattering
Light sources
Light transmission
Linear polarization
Liquid lenses
Long path infrared equipment
Lorentz force
Low light levels
Luminance
Luminescence
Luminosity
Mach Zehnder interferometers
Magnetooptics
Magnification
Michelson interferometers
Microoptical circuits
Microscopes
Microscopy
Mie scattering
Mirrors
Moire effects
Monochromatic light
Multipolarity
Near infrared radiation
Near ultraviolet radiation
Nonlinear optics
Opacity
Optical analysis
Optical cross sections
Optical data
Optical electrical optical (OEO)
Optical equipment
Optical equipment components
Optical filters
Optical haze
Optical images
Optical instruments
Optical interferometers
Optical lenses
Optical materials

Optical measurement
Optical networks
Optical phenomena
Optical properties
Optical pumping
Optical retroreflection
Optical turbulence
Optics
Orange (Color)
Pellicle
Phase conjunction
Phase velocity
Phosphorescence
Photoluminescence
Photon beams
Photorefractive materials
Photosensitivity
Plane waves
Plastic lenses
Polarimetry
Polarization
Polarizers
Polarizing filters
Potassium titanyl phosphates
Prisms (Optics)
Quantum optics
Radiance
Radiant flux density
Radiant intensity
Radiation
Radiation absorption
Radiation attenuation
Radiation pressure
Rayleigh scattering
Red (Color)
Reflectance
Reflection
Reflectivity
Reflectors
Refraction
Refractive index
Refractometers
Resolution
Reticles
Rugate filters
Scatterometers
Scintillation
Semitransparence
Shadows
Shutters (Optics)
Signals
Silhouettes
Snells law
Solitons
Sources
Speckle interferometry

Spectrophotometers
Spectropolarimeters
Spectroradiometers
Specular reflection
Spherometers
Strehl ratio
Thermoluminescence
Transmissivity
Transmittance
Transparence
Turbidity
Ultraviolet equipment
Ultraviolet lamps
Ultraviolet optical materials
Ultraviolet radiation
Vacuum ultraviolet radiation
Variable optical attenuators (VOA)
Visibility
Visual signals
Wave packets
Wave propagation
Waveforms
Wavefronts
White (Color)
White light
Yellow (Color)

20/06/01 Fiber Optics and Integrated Optics

Fiber optics
Fiber optics transmission lines
Optical amplifiers
Optical waveguides
Photonic crystals
Photonics

20/07 Particle Accelerators

Alpha bombardment
Atomic beams
Beam steering
Betatrons
Bevatrons
Cockroft Walton accelerators
Collider accelerators
Corpuscular radiation
Cross beam devices
Cyclotron magnets
Cyclotron resonance
Cyclotron resonance phenomena
Cyclotron waves
Cyclotrons
Deuteron beams
Deuteron bombardment
Electron accelerators
Electron beams
Electron diffraction

Electron flux
 Electron scattering
 Electrostatic accelerators
 Flux (Rate)
 Helium bombardment
 Ion accelerators
 Ion beams
 Ion bombardment
 Ion sources
 Ionic current
 Linear accelerators
 Meson bombardment
 Molecular beams
 Neutral particle beams
 Neutron beams
 Particle accelerator components
 Particle accelerator targets
 Particle accelerator techniques
 Particle accelerators
 Particle beams
 Particle collisions
 Particle flux
 Particle trajectories
 Pencil beams
 Photon bombardment
 Proton accelerators
 Proton beams
 Proton bombardment
 Resonance
 Sources
 Storage rings
 Synchrocyclotrons
 Synchrotrons
 Traveling wave electron accelerators
 Triton beams
 Triton bombardment

20/08 Nuclear Physics and Elementary Particle Physics

Adatoms
 Alpha cross sections
 Alpha decay
 Alpha particle reactions
 Alpha particle spectroscopy
 Alpha particles
 Alpha spectra
 Annihilation radiation
 Annihilation reactions
 Antiparticles
 Antiprotons
 Baryons
 Beta decay
 Beta particle reactions
 Beta particles
 Beta ray spectroscopy
 Beta ray spectrum

Bosons
 Bremsstrahlung
 Cerenkov radiation
 Chain reactions
 Coherent scattering
 Compton scattering
 Cosmic rays
 Cross sections
 Deuteron capture
 Deuteron cross sections
 Deuteron reactions
 Differential cross sections
 Dispersion relations
 Elastic scattering
 Electron capture
 Electron electron interactions
 Electron emission
 Electron energy
 Electron irradiation
 Electron lenses
 Electron nuclear cross sections
 Electron nuclear double resonance
 Electron transport
 Electrons
 Elementary particles
 Even even nuclei
 Even odd nuclei
 Excitons
 Fast neutrons
 Fermions
 Fission
 Fission neutrons
 Flavor
 Forward scattering
 Free electrons
 Gamma emission
 Gamma neutron reactions
 Gamma proton reactions
 Gamma ray absorption coefficients
 Gamma ray cross sections
 Gamma ray scattering
 Gamma ray spectra
 Gamma ray spectroscopy
 Gamma rays
 Hard x rays
 Hartree Fock approximation
 Heavy bosons
 Heavy particle radiations
 Helium bombardment
 Hyperons
 Incoherent scattering
 Inelastic scattering
 Internal conversion
 Isospin
 K mesons
 Klein Nishina formula

Leptons
Magnetic resonance
Magnons
Mass energy relation
Mass number
Mass spectra
Mass spectrometry
Mass spectroscopy
Matrix theory
Meson bombardment
Meson capture
Meson cross sections
Meson reactions
Meson scattering
Mesons
Metastable state
Microradiography
Morse potential
Mossbauer effect
Muons
Neutrinos
Neutron absorption
Neutron activation
Neutron capture
Neutron capture gamma rays
Neutron cross sections
Neutron diffraction
Neutron irradiation
Neutron reactions
Neutron scattering
Neutron spectrum
Neutrons
Nuclear binding energy
Nuclear cross sections
Nuclear electric moments
Nuclear energy
Nuclear energy levels
Nuclear fluorescent scattering
Nuclear forces (Physics)
Nuclear fusion
Nuclear isobars
Nuclear isomers
Nuclear magnetic moments
Nuclear models
Nuclear moments
Nuclear particles
Nuclear physics
Nuclear physics laboratories
Nuclear properties
Nuclear pumping
Nuclear radiation
Nuclear radiation spectroscopy
Nuclear reactions
Nuclear scattering
Nuclear shell models
Nuclear spins

Nuclear structure
Nuclear transmutation
Nuclei
Nucleons
Nuclides
Odd even nuclei
Odd odd nuclei
Pair production
Parity
Particle spectra
Photoelectric effect (Gamma rays)
Photoelectron spectra
Photoelectrons
Photoionization
Photon cross sections
Photons
Photonuclear reactions
Pions
Positronium
Positrons
Potential scattering
Prompt neutrons
Proton capture
Proton cross sections
Proton reactions
Proton scattering
Protons
Radiative capture cross sections
Radioactive series
Recoil atoms
Recoil particles
Regge poles
Relativistic electrons
Resonance
Resonance absorption
Resonance escape probability
Resonance scattering
Scattering cross sections
Secondary emission
Selection rules (Physics)
Sigma hyperons
Soft x rays
Spin down
Spin resonance
Spin states
Strange particles
Stripped atoms
Synchrotron radiation
Thermal neutrons
Thermonuclear reactions
Tritons
V particles
X ray diffraction
X ray flashes
X ray luminescence
X ray optics

X ray photoelectron spectroscopy
X ray scattering
X ray spectra
X ray spectroscopy
X ray tubes
X rays
Xi hyperons

20/09 Plasma Physics and Magnetohydrodynamics

Electrohydrodynamics
Electron density
Gas discharges
Gas ionization
Gaseous electronics
Hydromagnetics
Ionization trails
Laser induced plasmas
Laser produced plasmas
Langmuir probes
Magnetic mirrors
Magnetic pinch
Magnetic separation
Magnetohydrodynamic generators
Magnetohydrodynamic waves
Magnetohydrodynamics
Pinch effect
Plasma accelerators
Plasma chromatography
Plasma control
Plasma devices
Plasma diagnostics
Plasma generators
Plasma instabilities
Plasma jets
Plasma medium
Plasma opening switches
Plasma oscillations
Plasma sheaths
Plasma spraying
Plasma waves
Plasmas (Physics)
Plasmons
Stellarators
Z pinch plasmas

20/10 Quantum Theory and Relativity

Born approximations
Bose Einstein condensates
Delbruck scattering
Density functional theory
Field theory
First principles calculations
Mean field energy
Matrix theory
Minkowski space

Multiple quantum wells
N body problem
Perturbation theory
Principle of superposition
Polarons
Quantization
Quantum beats
Quantum chemistry
Quantum computing
Quantum counters
Quantum dots
Quantum efficiency
Quantum electrodynamics
Quantum electronics
Quantum mechanics
Quantum optics
Quantum statistics
Quantum theory
Quantum wells
Quantum wires
Relativity (Electronics)
Relativity theory
Rotons
S matrix
Schrodinger equation
Selection rules (Physics)
Solitons
Spinors
Wave functions
Wave packets

20/11 Mechanics

Ablation
Abrasion
Acceleration
Adhesion
Aerothermoelasticity
Aging (Materials)
Angular acceleration
Angular momentum
Angular motion
Apparent density
Applied mechanics
Attrition
Axial loads
Bearing capacity
Bearing strength
Bending
Bending moments
Bending stress
Biaxial stresses
Braking
Brittleness
Buckling
Bulk modulus
Bursting strength

Center of gravity
Centrifugal fields
Centrifugal force
Charpy impact tests
Cohesion
Cold flow
Collapse
Compressive properties
Compressive strength
Continuum mechanics
Counterrotation
Crack propagation
Crack tips
Cracking (Fracturing)
Cracks
Crazing
Creep
Creep strength
Cushioning
Cyclic loads
Damage
Damage assessment
Deceleration
Defects (Materials)
Deformation
Density
Disintegration
Distortion
Distribution
Dual hardness
Ductile brittle transition
Ductility
Dynamic loads
Dynamics
Eccentricity
Elastic properties
Elastic scattering
Elastoplasticity
Erosion resistance
Expansion
Failure
Failure (Mechanics)
Fatigue
Fatigue (Mechanics)
Fatigue life
Flexural properties
Flexural strength
Force (Mechanics)
Fracture (Mechanics)
Fragility
Frangible
Friction
Gravity waves
Gust loads
Hardness
High acceleration

High density
High strength
Impact
Impact acceleration
Impact loads
Impact shock
Impact strength
Impulse loading
Incompressibility
Inelastic scattering
Inertia
Internal friction
Jitter
Kinematics
Kinetic energy
Kinetic theory
Kinetics
Landing impact
Load control
Load distribution
Loads (Forces)
Low density
Low strength
Malfunctions
Mass
Mechanical impedance
Mechanical properties
Mechanics
Metric system
Microcracking
Microhardness
Micromechanics
Microspheres
Modal analysis
Modulus of elasticity
Moment of inertia
Moments
Momentum
Momentum transfer
Nanostructures
Nanotechnology
Orthotropism
Oscillation
Overload
Peel strength
Photoelasticity
Pitch (Motion)
Plastic deformation
Plastic flow
Plastic properties
Poisson ratio
Precession
Radial stress
Random vibration
Recoil
Residual stress

Resilience
Response
Rigidity
Ring stiffened cylinders
Roll
Rotation
Roughness
Rupture
Safety factor
Semirigid
Shear modulus
Shear properties
Shear strength
Shear stresses
Shifting
Shock
Shock (Mechanics)
Shock mitigation
Shock resistance
Shock spectra
Slewing
Sliding
Sliding friction
Slope stability
Solid mechanics
Solitons
Sonic fatigue
Specific gravity
Specific volume
Spinning (Motion)
Static loads
Static pressure
Static stability
Statics
Stiffened cylinders
Stiffness
Stopping
Strain rate
Strain (Mechanics)
Strength (General)
Strength (Mechanics)
Strength weight ratio
Stress analysis
Stress concentration
Stress intensity factors
Stress relaxation
Stress relieving
Stress strain relations
Stress waves
Stresses
Structural integrity
Structural mechanics
Structural response
Strumming
Superplasticity
Surface properties

Surface roughness
Tearing
Tensile properties
Tensile strength
Tensile stress
Tension
Texture
Thermal fatigue
Thermal shock
Thermal stresses
Thermoelasticity
Tightness
Tilt
Timoshenko beam
Tolerance
Tolerances (Mechanics)
Torque
Torsion
Toughness
Traction
Triaxial stresses
Tribology
Twist (Motion)
Ultrahardness
Velocity
Vibration
Viscoelasticity
Viscoplastic properties
Wear resistance
Wet strength
Wind stress
Work
Yaw
Yield point
Yield strength

20/12 Solid State Physics

Band gaps
Band theory of solids
Bases (Transistors)
Bragg scattering
Carrier mobility
Charge carriers
Complementary metal oxide semiconductors
Conduction bands
Constitutive properties
Dislocations
Displacement
Domain walls
Doping
Dual hardness
Ductile brittle transition
Ductility
Electron acceptors
Electron donors
Electron gas

Electron mobility
Electron transfer
Electronic states
Energy bands
Energy gaps
Epitaxial growth
Fermi surfaces
Four wave mixing
Heterojunctions
Holes (Electron deficiencies)
Implantation
Ion implantation
Isotropism
Josephson junctions
Neel temperature
Notch sensitivity
Notch toughness
Order disorder transformations
Phonons
Point defects
Poisson ratio
Resilience
Semiconducting films
Semiconductor doping
Semiconductor junctions
Silicon on insulator
Silicon on sapphire
Softening points
Solid state physics
Spin waves
Thick films
Thin films
Transport properties
Triboelectricity
Tunneling (Electronics)
Vacancies (Crystal defects)
Work functions

20/13 Thermodynamics

Activation energy
Adiabatic conditions
Advection
Aerothermodynamics
Blooming
Boiloff
Boltzmann equation
Brayton cycle
Calorific value
Calorimetry
Coefficients
Cohesive forces
Color temperature
Conduction (Heat transfer)
Convection
Convection (Heat transfer)
Critical temperature

Cryocoolers
Cryogenic engines
Cryogenics
Cryopumping
Cryostats
Degredation
Deterioration
Differential scanning calorimetry
Differential thermal analysis
Diffusion coefficient
Effusion
Emissivity
Emittance
Engines
Enthalpy
Entropy
Equations of state
Film boiling
Film cooling
Flux (Rate)
Free energy
Fusion (Melting)
Heat
Heat balance
Heat engines
Heat flux
Heat loss
Heat of activation
Heat of combustion
Heat of formation
Heat of fusion
Heat of reaction
Heat of solution
Heat of sublimation
Heat of vaporization
Heat pipes
Heat recovery
Heat transfer
Heat transfer coefficients
Heat transmission
High temperature
Hot spots
Ideal gas law
Irreversible processes
Isentrope
Isotherms
Joule Thomson effect
Latent heat
Liquid phases
Losses
Low temperature
Mean free path
Melting
Melting point
Metamorphosis
Microcalorimetry

Nucleate boiling
Peltier effect
Phase diagrams
Phase studies
Phase transformations
Propulsion system components
Propulsion systems
Radiant cooling
Radiative transfer
Rankine cycle
Solid phases
Specific heat
Spinodal decomposition
Steam
Stirling cycle
Supercooling
Superfluidity
Supersaturation
Surface energy
Surface temperature
Sweat cooling
Temperature
Temperature coefficients
Temperature gradients
Thawing
Thermal analysis
Thermal blooming
Thermal conductivity
Thermal cycling tests
Thermal diffusion
Thermal expansion
Thermal instability
Thermal lens effect
Thermal management
Thermal properties
Thermal radiation
Thermal resistance
Thermal stability
Thermal stresses
Thermoacoustics
Thermochromic materials
Thermocompression
Thermocouples
Thermodynamic cycles
Thermodynamic properties
Thermodynamics
Thermoelectric cooling
Thermomechanics
Thermophysical properties
Transformations
Transition temperature
Volatility
Vuilleumier cycle
Wankel cycle

20/14 Radiofrequency Wave Propagation

A band
Absorption coefficients
Amplitude modulation
Angle of incidence
Antenna lobes
Antenna radiation patterns
Antenna windows
Atmospherics
Attenuation
B band
Background noise
Background radiation
Backlobes
Backscattering
Bandwidth
Beam forming
Beams (Electromagnetic)
Beams (Radiation)
Beat signal
Blackbody radiation
Blackout (Propagation)
Broadband
Burst transmission
C band
Carrier frequencies
Carrier waves
Coherent electromagnetic radiation
Coherent radiation
Conical scanning
Continuous waves
Conversion
Cross modulation
Cross polarization
D band
Dawn chorus
Decametric radiation
Delta modulation
Demodulation
Depolarization
Difference frequency
Differential pulse code modulation
Direct waves (Radio waves)
Dispersion relations
Distortion
Diversity reception
Doppler effect
Dynamic range
Dynamic response
E band
Electromagnetic interference
Electromagnetic radiation
Electromagnetic scattering
Electromagnetic spectra
Electromagnetic wave propagation

Electromagnetic wave reflections
Electromechanical waves
Electron optics
Evanescent waves
Extraterrestrial radio waves
Extremely high frequency
Extremely low frequency
F band
Fading (Electromagnetic waves)
Frequency
Frequency agility
Frequency bands
Frequency conversion
Frequency diversity
Frequency domain
Frequency response
Frequency shift
G band
Ground waves (Electromagnetic)
Group velocity
H band
Heterodyning
High dynamic range
High frequency
I band
Impulse noise
Incoherence
Interference
Intermediate frequencies
Intermodulation
Ionospheric disturbances
Ionospheric propagation
Ionospheric scintillations
J band
K band
Ka band
Ku band
L band
Linear polarization
Long wavelengths
Low frequency
Low intensity
Luxemburg effect
M band
Medium frequency
Meteor burst communications
Microbeams
Microwave beams
Microwave frequency
Microwave interferometry
Microwave optics
Microwave transmission
Microwaves
Millimeter wave equipment
Millimeter waves
Multipath transmission

Multiple beams (Radiation)
Multipolarity
Narrow beams (Radiation)
Narrowband
Noise (Radio)
Nonlinear propagation analysis
Nulls (Amplitude)
P band
Phase control
Phase distortion
Phase modulation
Phase shift
Phase velocity
Plane waves
Polarization
Precipitation static
Processing
Pulse amplitude
Pulse amplitude modulation
Pulse code modulation
Pulse compression
Pulse density modulation
Pulse duration modulation
Pulse frequency modulation
Pulse modulation
Pulse position modulation
Pulse spacing modulation
Q band
Radiation
Radiation patterns
Radio beams
Radio fields
Radio interference
Radio interferometry
Radio waves
Radiofrequency
Radiofrequency generators
Radiofrequency interference
Radiofrequency lenses
Radiofrequency power
Radiofrequency pulses
Radiofrequency weapons
Raman scattering
Range (Extremes)
Rayleigh waves
Reception
Resonance
Resonance radiation
Resonant frequency
Response
Retrodirective steering
RFID (Radio frequency identification)
S band
Sawtooth waveforms
Secondary waves
Short wavelengths

Shot noise
Sidebands
Sidelobes
Signal generation
Signal processing
Signal to noise ratio
Signals
Sine waves
Sky waves
Solitons
Spectrum signatures
Spread spectrum
Square waves
Squint mode
Standing waves
Submillimeter waves
Superhigh frequency
Superlow frequency
Sweep frequency techniques
Sweep generators
Thomson scattering
Transmission loss
Transverse waves
Traveling waves
Tuning
Ultrahigh frequency
Ultralow frequency
V band
Very high frequency
Very low frequency
W band
Wave packets
Wave propagation
Waveform generators
Waveforms
Wavefronts
Wavelet transforms
Whistlers
X band

20/15 Electromagnetic Pulses

Electromagnetic pulse simulators
Electromagnetic pulses
Internal electromagnetic pulses
Pulses

21 Propulsion, Engines and Fuels

Engines
Fuels

21/01 Air Breathing Engines (Unconventional)

Air breathing engines (Unconventional)
Engine air systems components
Engine components

Engine fuel systems components
Engine mounts
Engines

21/02 Combustion and Ignition

Afterburning
Air breathing
Aircraft exhaust
Antiknock
Ashes
Augmentation
Autoignition
Automobile exhaust
Blowby
Burning rate
Burnout
Burnthrough
Chambers
Charring
Combustion
Combustion chamber gases
Combustion chamber liners
Combustion chambers
Combustion deposits
Combustion products
Combustion stability
Combustors
Compression ignition
Cook off
Cool flames
Deflagration
Distributors
Electric ignition
Engine components
Engines
Erosive burning
Exhaust flames
Exhaust gases
Exhaust plumes
External burning
Extinguishing
Flame arresters
Flame deflectors
Flame holders
Flame propagation
Flameout
Flames
Flammability
Flash point
Flue gases
Fly ash
Fuel air ratio
Fumes
Gasless
Hypergolic ignition
Ignition

Ignition circuits
Ignition lag
Ignition systems
Ingestion (Engines)
Jet engine exhaust
Jet flames
Knocking
Plumes
Propellant burn out
Rocket exhaust
Screaming combustion
Shaped charge jets
Smoke
Soot
Spark gaps
Spark ignition
Spark plugs
Spontaneous combustion
Subsonic combustion
Supersonic combustion
Throttling
Thrust
Thrust augmentation
Thrust control
Thrust reversal
Waste gases

21/03 Electric and Ion Propulsion

Arc jet engines
Closed electron drift thrusters
Electric engines
Electric propulsion
Engine components
Engines
Hall thrusters
Ion engines
Plasma engines
Propulsion system components
Propulsion systems
Resistorjet engines

21/04 Fuels

Additives
Amine fuels
Anthracite
Automotive fuels
Aviation fuels
Aviation gasoline
Bituminous coal
Charcoal
Coal gas
Coke
Diesel fuels
Engine primers
Flame fuels
Fossil fuels

Fuel additives
Fuel consumption
Fuel contamination
Fuel oil
Fuel sprays
Fuel systems
Fuel tanks
Fuel thickeners
Fuels
Gasoline
Heating oils
Heavy fuels
Hypergolic fuels
Jet engine fuels
Kerosene
Liquefied natural gas
Liquid level control
Liquid propane
Low lead fuels
Natural gas
Oil consumption
Oil tanks
Otto fuels
Peat
POL storage
Self sealing fuel tanks
Slurries
Slurry fuels
Solid fuels
Solid jet engine fuels
Synfuels
Synthetic fuels

21/05 Jet and Gas Turbine Engines

Afterburners
Air breathing engines
Air intakes
Cascade structures
Engine air systems components
Engine components
Engine fuel systems components
Engine mounts
Engine surge
Engines
Exhaust diffusers
Exhaust fairings
Exhaust nozzles
Gas turbine blades
Gas turbine nozzles
Gas turbine regenerators
Gas turbine rotors
Gas turbines
Guide vanes
High bypass turbofans
Hydroduct engines

Hydrojet engines
Hydropulse engines
Hydroturbojet engines
Inlet guide vanes
Inlet shrouds
Inlets
Jet engine fairings
Jet engine inlets
Jet engine nacelles
Jet engine valves
Jet engines
Jet propulsion
Low bypass turbofans
Multipulse engines
Propulsion system components
Propulsion systems
Pulsejet engines
Ramburners
Ramjet engine nozzles
Ramjet engines
Ramjet inlets
Recombination ramjet engines
Rocket ramjets
Steam turbine blades
Supercharged ejector ramjet engines
Supersonic combustion ramjet engines
Thrusters
Turbine components
Turbofan engines
Turbojet engines
Turbojet exhaust nozzles
Turbojet inlet screens
Turbojet inlets
Turboprop engines
Turboprop exhaust nozzles
Turboramjet engines
Turboshaft engines
Variable bypass turbofans
Wing ramjet engines

21/06 Nuclear Propulsion

Aircraft nuclear propulsion
Marine nuclear propulsion
Nuclear propulsion
Propulsion system components
Propulsion systems
Spacecraft nuclear propulsion

21/07 Reciprocating and Rotating Engines

Air breathing engines
Air intakes
Carburetor air scoops
Carburetors
Compound engines
Compression ignition engines

Connecting rods
Crankcases
Crankshafts
Diesel engines
Dwell time
Engine air systems components
Engine components
Engine cylinders
Engine fuel systems components
Engine mounts
Engine valves
Engines
External combustion engines
Fuel injection
Fuel injectors
Internal combustion engines
Manifolds (Engines)
Multifuel engines
Piston engines
Piston rings
Pistons
Positive crankcase ventilation
Propulsion systems
Reciprocating engines
Rotary combustion engines
Spark ignition engines
Steam engines
Tank engines
Tractor engines
Vapor lock
Variable cycle engines
Water injection

21/08 Rocket Engines

Annular nozzles
Bell nozzles
Booster rocket engines
Burnout
Canted nozzles
Conical nozzles
Controllable thrust rocket engines
Convergent divergent nozzles
Double expansion nozzles
Engine clusters
Engine components
Engine mounts
Engines
Exhaust diffusers
Exhaust fairings
Exhaust nozzles
Fourth stage engines
Hybrid propulsion
Hybrid rocket engines
Hybrid systems
Inlet shrouds
Inlets

Integral rocket ramjets
Laval nozzles
Movable nozzles
Movable rocket engines
Nozzle area ratio
Nozzle closures
Nozzle clusters
Nozzle inserts
Nozzle throats
Plug nozzles
Postboost propulsion systems
Propellant control
Propellant transfer
Propulsion system components
Propulsion systems
Recoverable booster motors
Retro rockets
Rocket engines
Rocket laboratories
Rocket models
Rocket propulsion
Rocket research
Second stage engines
Secondary injection
Solar rockets
Specific impulse
Sustainer engines
Thermal propulsion systems
Third stage engines
Thrust augmentor nozzles
Thrust termination systems
Thrust vector control systems
Thrusters
Unconventional nozzles
Variable area nozzles
Vernier rocket engines

21/08/01 Liquid Propellant Rocket Engines

Liquid propellant rocket engines
Multipulse motors
Thixotropic propellant rocket engines

21/08/02 Solid Propellant Rocket Engines

Dual thrust rocket engines
Guide vanes
Jatos
Jet tabs
Jet vanes
Jetavators
Nozzleless rocket engines
Segmented rocket engines
Solid propellant rocket engines

21/09 Rocket Propellants

Composite propellants
Cryogenic propellants
Gaseous rocket propellants
High energy propellants
Hybrid propellants
Hybrid rocket propellants
Hydrogen peroxide pumps
Hypergolic rocket propellants
Propellant modifiers
Propellant tanks
Propellants
Rocket fuels
Rocket propellants
Thixotropic rocket propellants

21/09/01 Liquid Rocket Propellants

Aerozine
Bipropellants
Cryogenic propellants
Liquid propellants
Liquid rocket fuels
Liquid rocket oxidizers
Liquid rocket propellants
Monopropellants
Storable rocket propellants

21/09/02 Solid Rocket Propellants

Double base propellants
Double base rocket propellants
Multibase propellants
Rocket propellant grains
Smokeless propellants
Solid propellants
Solid rocket fuels
Solid rocket oxidizers
Solid rocket propellant binders
Solid rocket propellant plasticizers
Solid rocket propellants

22 Space Technology

Space sciences
Space systems
Space technology

22/01 Astronautics

Aerospace systems
Astronautics
Celestial guidance
Celestial navigation
Extraterrestrial bases
Extravehicular activity
Gantries
Gravity (Artificial)
Lunar bases
Lunar landings
Lunar surface vehicles

Missions
Multimission
Multiple operation
Physical properties
Planetary surface vehicles
Satellite attitude
Soft landings
Space based
Space communications
Space exploration
Space flight
Space maintenance
Space missions
Space reconnaissance
Space tools
Spaceborne
Spacecraft charging
Spacecraft debris
Spacecraft docking
Weightlessness

22/02 Unmanned Spacecraft

Artificial satellites
Bombardment satellites
Boost glide vehicles
Communication satellites
Control jets
Geodetic satellites
Hypersonic vehicles
Intelsat
Interceptor spacecraft
Interceptors
Launch vehicles
Lifting reentry vehicles
Lunar probes
Lunar satellites
Maneuverable reentry vehicles
Maneuvering satellites
Mars probes
Meteorological satellites
Military satellites
Navigation satellites
Nose cones
Pressurized cabins
Propulsion system components
Propulsion systems
Reconnaissance satellites
Recoverable spacecraft
Reentry vehicles
Rendezvous spacecraft
Satellite antennas
Satellite constellations
Satellite meteorology
Satellite networks
Scientific satellites
Solar sails

Solar satellites
Sounding rockets
Space buoys
Space capsules
Space probes
Space propulsion
Space tools
Space tugs
Spacecraft
Spacecraft antennas
Spacecraft cabins
Spacecraft components
Strategic satellites
Synchronous satellites
Unmanned
Unmanned spacecraft
Venus probes
Winged launch vehicles

22/03 Spacecraft Trajectories and Reentry

Aerial pickup systems
Air to air
Air to space
Apogee
Ascent trajectories
Atmosphere entry
Attitude (Inclination)
Attitude control systems
Boost phase
Circular orbits
Circumlunar trajectories
Control jets
Descent trajectories
Earth orbits
Elliptical orbit trajectories
Equatorial orbits
Escape velocity
High orbit trajectories
Inclined orbit trajectories
Intercept trajectories
Interplanetary trajectories
Low orbit trajectories
Lunar trajectories
Midcourse trajectories
Orbits
Parking orbit trajectories
Paths
Perigee
Pitch (Inclination)
Polar orbit trajectories
Rendezvous trajectories
Satellite tracking systems
Solar orbits
Spacecraft trajectories
Suborbital trajectories

Trajectories
Transfer trajectories
Velocity

22/04 Ground Support Systems and Facilities for Space Vehicles

Checkout equipment
Checkout procedures
Ground stations
Launchers
Launching
Surface launched

22/05 Manned Spacecraft

Lunar craft
Manned spacecraft
Nose cones
Pressurized cabins
Propulsion system components
Propulsion systems
Recoverable spacecraft
Reentry vehicles
Solar sails
Space capsules
Space propulsion
Space shuttles
Space stations
Space tools
Space transportation
Spacecraft
Spacecraft antennas
Spacecraft cabins
Spacecraft components
Spacecraft seats
Umbilical cords (Aerospace)

23 Biotechnology

Biotechnology

23/01 Biomedical Instrumentation and Bioengineering

Bioengineering
Bioinstrumentation
Biometric security
Biometrics
Biometry
Biotelemetry
Engineering
Instrumentation
Medical engineering
Optometers
Telemedicine

23/02 Human Factors Engineering and Man Machine Systems

Adaptation

Addressing
Adverse conditions
Anthropometry
Carpal tunnel syndrome
Control knobs
Control panels
Control sticks
Control systems
Cues (Stimuli)
Daily occurrence
Engineering
Ergonomics
Explosive decomposition
Habitability
Hand held
Human factors engineering
Induced environments
Instrument panels
Interfaces
Man computer interface
Man machine systems
Mannequins
Manual operation
Message processing
Mnemonics
Operation
Room temperature
Stimuli
Virtual reality
Workplace layout

23/03 Bionics

Biomimetics
Bionics
Learning machines
Robots
Self organizing systems

23/04 Protective Equipment

Air bag restraint systems
Aviation goggles
Body armor
Coveralls
Ear protectors
Exposure suits
Eye safety
Faceplates
Fire protective clothing
Flak suits
Flight helmets
Goggles
Hard hats
Headgear
Headrests
Heat shields
Helmets

Masks
Pressure suits
Protection
Protective clothing
Protective coverings
Protective equipment
Protective mask canisters
Protective mask facepieces
Protective mask filters
Protective masks
Rubber gloves
Smoke detectors
Snowshoes
Underwater clothing
Vests
Visors
Wet suits

23/05 Life Support Systems

Aspirators
Breathing apparatus
Breathing gases
Breathing masks
Closed ecological systems
Decompression chambers
Diver equipment
Diving suits
G suits
Gas masks
Life support systems
Masks
Oxygen equipment
Oxygen generators
Oxygen masks
Respirators
Scuba apparatus
Space suits
Umbilical cords (Aerospace)
Underwater life support systems

23/06 Escape, Rescue and Survival

Abandonment
Aeromedical evacuation
Air sea rescue beacons
Air sea rescues
Beacons
Climbing equipment
Crash rescue boats
Deep submergence rescue vehicles
Distress signals
Ejection
Escape capsules
Escape systems
Fish repellents
Life jackets
Life preservers

Life rafts
Life saving
Lifeboats
Line throwing equipment
Medical evacuation
Mountain climbing equipment
Rescue beacons
Rescue equipment
Rescue kits
Rescue vehicles
Rescues
Sea rescue equipment
Sea rescues
Search and rescue
Searching
Signals
Submarine escape
Survivability
Survival (Personnel)
Survival equipment
Survival kits
Survival rations
Swimming

24 Environmental Pollution and Control

Biological contamination
Cold weather operations
Environmental impact
Environmental impact statements
Environmental management
Environmental protection
Environmental tests
Fouling
Pollutants
Pollution
Pollution abatement
Tracer studies

24/01 Air Pollution and Control

Acid deposition
Acid rain
Air cleaners
Air pollution
Air pollution control equipment
Air pollution effects (Animals)
Air quality
Carbon monoxide indicators
Emission control
Indoor air pollution
Ozone depletion
Particle size
Particles
Particulates
Smog
Smoke

Smoke abatement
Smoke stacks

24/02 Noise Pollution and Control

Aircraft engine noise
Aircraft noise
Ambient noise
Combat noise
Compressor noise
Electric motor noise
Engine noise
Gear noise
Industrial noise
Jet engine noise
Loudness
Machinery noise
Noise (Sound)
Noise pollution
Propeller noise
Quiet
Sonic boom

24/03 Solid Wastes Pollution and Control

Biodegradable plastics
Containment (General)
Debris
Disposal
Dredged materials
Dust control
Ejecta
Engineering
Feces
Flocculants
Garbage
Garbage disposal
Hazardous wastes
Human effluvia
Incinerators
Landfills
Ocean waste disposal
Odors
Oil pollution
Oil pollution containment
Recycled materials
Refuse collection
Residuals
Residues
Sanitary engineering
Sanitary landfills
Shipboard sewage treatment systems
Sludge
Soil remediation
Solid wastes
Spoil
Waste collection

Waste disposal
Waste management
Waste recycling
Waste treatment
Wastes
Wastes (Industrial)

24/04 Water Pollution and Control

Activated sludge process
Chlorination equipment
Clarification
Demineralization
Dissolved solids concentration
Effluents
Effluvia
Liquid wastes
Oil spills
Oil wastes
Oil water separators
Pumping stations
Sea testing
Septic tanks
Sewage
Sewage disposal
Sewage treatment
Sewers
Thermal pollution
Waste water
Wastes (Sanitary engineering)
Water conservation
Water pollution
Water pollution abatement
Water pollution control equipment
Water quality
Water reclamation
Water resources
Water treatment

24/05 Pesticides Pollution and Control

Flocculation
Hazardous wastes
Herbicides
Insect repellents
Insecticides
Pesticides

24/06 Radiation Pollution and Control

Hazardous wastes
Radiation pollution
Radioactive contamination
Radioactive fallout
Radioactive wastes

24/07 Environmental Health and Safety

Contaminants
Contamination

Emission
Environmental assessment
Environmental engineering
Industrial medicine
Soil pollution

25

Communications

Communication equipment

25/01 Telemetry

Acoustic telemetry
Asynchronous transfer mode
Data links
Data transmission systems
Decommutators
Electronic mail
Infrared communications
Light emitting polymers
Multiple access
Multiplexing
Optical communications
Optical telemetry
Packet switching
Radio telemetry
Telemeter systems
Telemetry antennas
Telemetry data
Telemetry receivers
Telemetry transmitters
Wired telemetry

25/02 Radio Communications

Adaptive communications
Amplitude modulation
Antenna masts
Broadband
Cable television
Carrier frequencies
Carrier waves
Cellular communications
Closed circuit television
Color television
Code division multiple access
Code division multiplexing
Commercial communications
Communication and radio systems
Communication buoys
Communication satellite terminals
Communication switching centers
Communication terminals
Communications centrals
Communications networks
Communications traffic
Conferencing (Communications)
Continuous waves

Crosstalk
Crystal video receivers
Delta modulation
Differential pulse code modulation
Digital communications
Downlinks
Facsimile communications
Facsimile equipment
Facsimile transmission
Frequency
Frequency allocation
Frequency bands
Frequency division multiple access
Frequency division multiplexing
Frequency domain
Frequency modulation
Frequency shift keyers
Global communications
High definition television
Homodyne radio receivers
Intercommunication systems
Interference
Intermodulation
Interrogator transmitters
Interrogators
Mass media
Masts
Media
Meteor burst communications
Microwave communications
Microwave equipment
Microwave frequency
Microwave networks
Microwave receivers
Microwave relay systems
Modulation
Morse code
Multichannel
Multichannel communications
Multiple access
Multiplexing
Networks
Noise (Radio)
Noise modulation
Paging
Phase locked communications
Phase modulation
Phase shift keyers
Precipitation static
Pulse amplitude
Pulse amplitude modulation
Pulse code modulation
Pulse communications
Pulse density modulation
Pulse duration modulation
Pulse frequency modulation

Pulse modulation
Pulse position modulation
Pulse spacing modulation
Pulse transmitters
Radio beacons
Radio broadcasting
Radio doppler chronographs
Radio engineering
Radio equipment
Radio interference
Radio links
Radio ranges
Radio receivers
Radio reception
Radio relay stations
Radio relay systems
Radio repeaters
Radio scanning
Radio signals
Radio stations
Radio towers
Radio transmission
Radio transmitters
Radio waves
Radiotelephones
Repeaters
Retransmission
Satellite antennas
Satellite communications
Satellite telephones
Secure communications
Signals
Single sideband communications
Slow scan television
Space diversity communications
Spread spectrum
Squelch
Standing wave ratios
Strategic communications
Strip transmission lines
Superheterodyne receivers
Superregeneration
Tactical communications
Telecommunication circuits
Telecommunications
Teletype systems
Teletypewriters
Television antennas
Television cameras
Television converters
Television display systems
Television equipment
Television receivers
Television stations
Television systems
Television transmitters

Time division multiple access
Time division multiplexing
Transceivers
Transmitter receivers
Transmitting
Transponders
Tropospheric scatter communications
Two way transmission
Uplinks
Video amplifiers
Video converters
Video filters
Video frames
Video images
Video integration
Video map matching
Video networks
Video signals
Walkie talkies
WiFi (Wireless-fidelity)
Wireless computer networks
Wireless links
Wireless technology

25/03 Non-Radio Communications

Acoustic communications
Adaptive communications
Base stations
Broadband
Bus conductors
COIP (Communications over internet protocol)
Commercial communications
Communication switching centers
Communication terminals
Communications centrals
Communications networks
Communications traffic
Crosstalk
Digital communications
DSL (Digital subscriber line)
Electronic commerce
Facsimile communications
Facsimile equipment
Facsimile transmission
Fiber optics transmission lines
Field wire communications
Flags
Frequency division multiple access
Frequency division multiplexing
Head up displays
Helmet mounted displays
Infrared communications
Intercommunication systems
Interference
Interphones

Laser communications
Media
Morse code
Multichannel communications
Multiple access
Multiplexing
Networks
Optical communications
Paging
Photographic data links
Public address systems
Pulse communications
Pulse transmitters
Repeaters
Retransmission
Secure communications
Ship telephone systems
Signal lights
Signals
Sound powered telephones
Switchboards
Telecommunication circuits
Telecommunications
Telegraph equipment
Telegraph signals
Telegraph systems
Telephone equipment
Telephone lines
Telephone receivers
Telephone signals
Telephone systems
Telephone transmitters
Teleprinters
Teletype systems
Teletypewriters
Time division multiple access
Time division multiplexing
Trunks (Communications)
Two way transmission
Ultra-wideband
Ultraviolet communications
Underwater communications
Underwater telephones
Videophones
Visual signals
Wavelength division multiple access
Wavelength division multiplexing
Weather communications

25/04 Voice Communications

Automatic voice network
Conferencing (Communications)
Identification
Intelligibility
Loudspeakers
Speech

Speech analysis
Speech compression
Speech recognition
Speech representation
Speech scrambling
Speech transmission
Telephony
Vocoders
Voice communications
Voiceprints
VoIP (Voice over IP)
Word recognition

25/05 Command, Control and Communications Systems

Command and control systems
Command control communications
Command, control, communications and intelligence systems
Consoles
Control centers
Global Information Grid
Naval tactical data system
Tactical data systems
Wireless technology