Foundation's Classifier

01-219 Mathematical simulation in Earth sciences and environmental protection problems

01-220 Mathematical simulation of technical systems

01-300 Mechanics

01-301 Elasticity theory, conjugated models

01-302 Contact interaction

01-303 Plasticity, impact of physical fields and chemically active media

01-304 Rheology and viscosity

01-305 Destruction of deformable bodies, kinetics and dynamics

01-306 Mechanics of heterogeneous and functional materials, multiscalability of structure and texture

01-307 Ideal fluid dynamics

01-308 Viscous fluid dynamics

01-309 Turbulence and hydrodynamic stability

01-310 Gas dynamics

01-311 Hydromechanics of multiphase media

01-312 Physicochemical hydrodynamics

01-313 Biomechanics

01-314 Theoretical mechanics

01-315 Oscillation theory and motion stability

01-316 Methods of mathematical simulation, evaluation, and control over mechanical and biomechanical systems

01-317 Regular and chaotic dynamics of mechanical systems

01-318 Motion of bodies in space, liquid, and gaseous media

01-319 Machine and robot mechanics

01-400 Network technologies

01-401 Digital data transmission systems and computer networks

01-402 Technologies of applied distributed developments

01-403 Distributed computations and GRID-technologies. Superscalable software complexes and algorithms. Reliability testing and assessment.

01-404 Cloud computations

01-405 Mathematical support for GRID-technologies and cloud computations

01-406 Resource protection technology for distributed information and computation systems

01-407 Mathematical support for security of computer, information, and communication technologies

01-408 Standardization methods for information, computer, and communication resources

01-409 Legal and economic aspects of creation and utilization of information resources

01-410 Highly productive computer systems and distributed data processing

01-411 System software development for highly productive computer systems

01-412 Supercomputer simulation: tools, applied software and services

01-413 Visualization and processing of super-large datasets

01-414 Software development for computer, information, and communication systems and networks

01-415 Parallel software development: models, languages, and technologies

01-416 Parallel simulation instruments

01-417 Architecture and topology of computer, information, and communication systems and networks

01-418 Optimization of hierarchical multiple-architecture systems and parallel multiple software development

01-419 Security, structural reliability and viability of computer, information, and communication systems and networks

01-420 Control and diagnostics of computer, information, and communication systems and networks

01-500 Information and communication technologies and computer systems

01-501 Theoretical foundations of E-technologies and software complexes

01-502 Theoretical foundations of electronic social systems, networks, and services

01-503 Theoretical foundations of electronic education systems, networks, and services

01-504 Theoretical foundations of electronic support for the market of health care services

01-505 Computer support systems for scientific research

01-506 Computerized scientific instrument engineering

01-507 Automatic and automated design, simulation, and support systems

01-508 System analysis

01-509 Data-mining, databases and knowledge bases

01-510 Semantic simulation systems

01-511 Visualization and virtual environment systems

01-512 Information technologies of intellectual support for decision-making

01-513 Knowledge-based technologies and systems

01-514 Data acquisition, presentation, processing, and integration technologies

01-515 Knowledge management technologies

01-516 Knowledge-based problem-oriented systems

01-517 Creation and support of knowledge-based problem-oriented and expert systems

01-518 Text search systems, natural language processing and analysis

01-519 Intellectual dynamic systems and control technologies

01-520 Intellectual technologies for robotic and mechatronic systems

01-521 Intellectual Internet-technologies

01-600 Control theory

01-601 Control theory

01-700 Algorithms and computer software

01-701 Problem-oriented systems

01-702 Systems and technologies for creation and support of problem-oriented systems

01-703 Fundamental problems of impletion of electronic libraries and collections

01-704 Methods of creation and support of electronic libraries and publications

01-705 Service-oriented systems

01-706 Mobile systems and sensor networks

01-707 Fundamental problems of organizing electronic documentation management

01-708 Geo-information systems

01-709 Multimedia information systems

01-710 Problem-oriented databases

01-711 Semantic simulation systems

01-712 Principles of development of electronic social systems and networks and provision of services

01-713 Legal and methodological issues associated with utilization of the Internet

01-714 Integrated intellectual systems

01-715 Text search systems

01-716 Mathematical simulation systems and technologies for natural sciences

01-717 Algorithms and computer software for the electric power generation industry

01-718 Algorithms and computer software for the nuclear power industry

01-719 Algorithms and computer software for space exploration

01-720 Algorithms and computer software for health care and biology

01-721 Systems and technologies of mathematical simulation of social and economic processes

01-722 Algorithms and computer software for business applications and analysis of social and economic processes

01-723 Specialized software models and systems

01-724 Information, communication, and computer technologies for optics, photonics, and laser technologies

01-725 Information, communication, and computer technologies for online image recognition

01-726 Systems and technologies for intellectual data analysis and image recognition

01-727 Specialized image and signal processing and analysis systems

02   PHYSICS AND SPACE SCIENCES

02-100 Nuclear physics

02-101 Physics of elementary particles

02-102 Physics of the nucleus

02-103 Physics of particle accelerators

02-104 Cosmic rays

02-200 Physics of condensed media

02-201 Theory of condensed state

02-202 Semiconductors

02-203 Surface and thin films

02-204 Nano- and microstructures

02-205 Ferroelectrics, dielectrics, and liquid crystals

02-206 High pressures

02-207 Magnetic phenomena

02-208 Metals. Alloys. Disorganized structures

02-209 Low temperatures and superconductivity

02-210 Interaction of X-rays, synchrotron radiation and neutrons with condensed matter

02-211 Formation and structure of crystals

02-300 Optics, quantum electronics

02-301 Physical optics

02-302 Coherent and nonlinear optics

02-303 Laser physics

02-304 Spectroscopy

02-400 Radio physics, electronics, acoustics

02-401 Vacuum and plasma electronics, microwave electronics

02-402 Nonlinear oscillations and waves

02-403 Radio physics, statistical radio physics

02-404 Physical acoustics

02-500 Physics of plasma

02-501 Physics of high-temperature plasma and controlled thermonuclear fusion

02-502 Physics of low-temperature plasma

02-503 Ionospheric and cosmic plasma

02-600 Theoretical physics

02-601 Field theory and gravitation theory

02-602 Quantum field theory, quantum mechanics

02-603 General problems of statistical physics

02-700 Astronomy

02-701 Gravitational astronomy

02-702 Astrometry

02-703 The sun and the solar system

02-704 Physics and evolution of stars and interstellar medium

02-705 Galaxy and metagalaxy

02-706 Cosmology and microphysics

03 CHEMISTRY AND MATERIAL SCIENCES

03-100 Organic chemistry

03-101 Synthesis, structure and reactivity of organic compounds

03-102 Synthesis, structure and reactivity of ferrous and organoelemental compounds

03-103 Synthesis, structure, and properties of natural and physiologically active substances; medical chemistry and prognostication of various types of biological activity

03-200 Inorganic chemistry

03-201 Synthesis, structure, and reactivity of inorganic compounds

03-202 Chemistry of solids, mechanical chemistry

03-203 Chemistry of coordination compounds

03-204 Radiochemistry

03-205 Analytical chemistry

03-206 Bioinorganic chemistry

03-300 High-molecular compounds

03-301 Synthesis and chemical transformations of macromolecules

03-302 Structure and properties of polymers and multicomponent polymer systems

03-303 Theory and computer simulation of polymer systems

03-400 Physical chemistry

03-401 Non-equilibrium processes – ignition, combustion, detonation, explosion

03-402 Electrochemistry and corrosion of metals

03-403 Homogeneous catalysis and heterogeneous catalysis

03-404 Solutions and melts – structure and properties

03-405 Nanostructures and clusters. Supramolecular chemistry. Colloid systems

03-406 Chemical thermodynamics. Physical chemistry of the surface and interphase boundaries. Adsorption

03-407 Fundamental problems of chemical technology

03-500 Dynamics and structure of atom-molecular systems

03-501 Quantum chemistry and mathematical methods in chemistry

03-502 Crystal chemistry

03-503 Chemical dynamics, reactivity and chemical kinetics

03-504 Electronically excited systems, photochemistry, radiation chemistry, spin chemistry

03-505 Structure of molecules and molecular spectroscopy

03-600 Fundamental problems of creation of new materials

03-601 Chemistry of new inorganic functional and nano-dimensional materials

03-602 Chemistry of new organic and hybrid functional materials

03-603 Fundamental principles of creation of new metallic, ceramic, and composite materials

03-604 Multi-scale computer simulation of the structures and properties of materials

03-700 Multi-scale computer simulation of the structures and properties of complex chemical systems and materials

03-701 Structure and properties of organic and hybrid functional materials

03-702 Simulation of adsorption and catalyzed transformations

03-703 Simulation of nanostructures, their formation and self-assembly

03-704 Simulation of biological and biomimetic materials

03-705 Chemical informatics

03-706 Highly productive computations in chemical simulation

04 BIOLOGY AND LIFE SCIENCES

04-100 General biology

04-101 Zoology

04-102 Botany

04-103 Hydrobiology and ichthyology

04-104 General genetics

04-105 Evolutionary biology

04-106 Biology of development

04-107 Ecology of biological systems

04-108 Soil science

04-109 Parasitology

04-110 General and molecular microbiology; virology

04-200 Physical-chemical biology

04-201 Structural, functional, and evolutionary genomics

04-202 Proteomics; structure and functions of proteins

04-203 General biochemistry

04-204 Biophysics

04-205 Cellular biology, cytology, histology

04-206 Physiology and biochemistry of plants

04-207 System biology; biological informatics

04-208 Molecular biology

04-209 Biotechnology (including biological nanotechnology)

04-210 Molecular genetics

04-211 Radiobiology

04-300 Ecology

04-301 Environmental protection

04-302 Chemical ecology

05   FUNDAMENTAL RESEARCH IN MEDICINE

05-100 Fundamental medicine

05-101 Experimental medicine

05-102 Pathological anatomy, pathological physiology

05-103 Anatomy and morphology

05-104 Physiology

05-105 Clinical biochemistry

05-106 Neurobiology

05-107 Toxicology

05-108 Immunology

05-109 Clinical laboratory diagnostics and nanotechnologies in medicine

05-110 Forensic medicine

05-200 Clinical medicine

05-201 Geriatrics and gerontology

05-202 Cardiovascular system

05-203 Dermatology

05-204 Integrative and complementary medicine

05-205 Urology and nephrology

05-206 Disaster medicine

05-207 Endocrinology and metabolism

05-208 Oncology

05-209 Allergology

05-210 Otolaryngology

05-211 Anesthesiology

05-212 Pediatrics and neonatology

05-213 Peripheral vascular diseases

05-214 Resuscitation and intensive care science

05-215 Hematology

05-216 Dentistry and oral surgery

05-217 Respiratory diseases

05-218 Transplantology

05-219 Clinical neurology

05-220 Surgery

05-221 Obstetrics and gynecology

05-222 Orthopaedics

05-223 Andrology

05-224 Ophthalmology

05-225 Audiology and speech pathology

05-226 Psychiatry

05-227 Gastroenterology and hepatology

05-228 Rheumatology

05-229 Clinical psychology

05-230 Clinical (medical) immunology

05-231 Infectious diseases

05-232 Narcology

05-300 Health sciences

05-301 Nutrition and dietetics

05-302 Nursing

05-303 Tropical medicine

05-304 Information technologies in health care

05-305 Medical deontology

05-306 Public health care, environmental hygiene, labour hygiene

05-307 First aid and organization of health care

05-308 Psychology, psychoanalysis

05-309 Restorative medicine, physical therapy, balneology, physiotherapy

05-310 Personalized medicine

05-311 Epidemiology

05-312 Labour medicine

05-313 Medical social assessment and medical social rehabilitation

05-314 Aviation, marine, and space medicine

05-400 Medical biotechnologies

05-401 Molecular and cellular medicine

05-402 Medical genetics

05-403 Medical microbiology and virology

05-404 Human ecology

05-405 Regenerative medicine

05-500 Pharmacology and pharmaceutics

05-501 Pharmaceutical chemistry, pharmacology (including clinical pharmacology)

05-502 Pharmacokinetics

05-503 Pharmacodynamics

05-504 Pharmacogenomics and pharmacogenetics

05-505 Pharmaceutical technology

05-506 Pharmacognosy

05-507 Organization of pharmacy

05-600 Medical physics

05-601 Physical effects in medicine

05-602 Physical methods of medical diagnostics. Tomography

05-603 Radiology, radiation medicine, medical imaging

05-700 Medical equipment and informatics

05-701 Medical equipment

05-702 Medical informatics

05-703 Additive technologies in medicine

06 AGRICULTURAL SCIENCES

06-100 Agronomy and horticulture

06-101 Forestry

06-102 Agronomy

06-103 Gardening, vegetable farming

06-104 Agricultural biotechnologies

06-105 Agricultural engineering

06-106 Horticulture

06-200 Animal science

06-201 Fishery

06-202 Dairy science

06-203 Veterinary science

06-204 Animal husbandry

06-300 Theoretical foundations of food and food technology

06-301 Food technology

06-302 Functional and special foods

07 EARTH SCIENCES

07-100 Geology

07-101 General tectonics and geodynamics

07-102 Regional geology

07-103 Historical geology

07-104 Stratigraphy

07-105 Lithology

07-106 Paleontology

07-107 Geochronology and geochronometry

07-108 Petrology of plutonic rock

07-109 Petrology of metamorphic rock and metasomatic rock

07-110 Volcanology

07-111 Oil and gas geology

07-112 Geology of sedimentation basins of rift zones and folded zones

07-113 Geology and genesis of ore deposits

07-114 Geology and genesis of non-metallic minerals

07-115 Hydrogeology

07-116 Radiogeoecology, geological isolation of nuclear materials

07-200 Geochemistry

07-201 Geochemistry of magmatic processes

07-202 Geochemistry of metamorphic and metasomatic processes

07-203 Geochemistry of sedimentation processes

07-204 Geochemical ore deposit fields and ore mineralogy

07-205 Minerals, their associations and mineral formation processes

07-206 Isotopic geochemistry

07-207 Space geochemistry and planetology

07-208 Hydrogeochemistry

07-209 Biogeochemistry and organic geochemistry

07-210 Physics and thermodynamics of minerals

07-211 Crystallography and stereochemistry of minerals

07-300 Mining sciences

07-301 Geomechanics

07-302 Mechanical properties and disintegration of geological materials and mountains

07-303 Fundamental problems of mineral processing

07-304 Hydrogasdynamic phenomena in mountains

07-305 Geological engineering

07-306 Geocryology

07-400 Geophysics

07-401 Seismology, seismic waves

07-402 Earthquake generation mechanisms, earthquake epicenter and precursors

07-403 Seismoacoustics

07-404 Physical fields of the continents and the ocean floor

07-405 Geomagnetic field, geodynamo, paleomagnetism

07-406 Electromagnetic field, electric conductivity

07-407 Earth's gravitational field, variations in Earth's rotation rate, internal processes

07-408 Earth's thermal field

07-409 Seismic tomography and Earth's internal structure

07-410 Contemporary geodynamics, simulation of geodynamic processes

07-500 Oceanology

07-501 Physics of the ocean

07-502 Large-scale and synoptic processes in the ocean

07-503 Wave processes in the ocean

07-504 Tsunami generation mechanisms and propagation processes, tsunami precursors

07-505 Turbulence and small-scale processes

07-506 Physics of oceanic ice

07-507 Oceanic optics

07-508 Oceanic acoustics

07-509 Ocean/atmosphere interaction

07-510 Ocean/dry land interaction

07-511 Tectonics and evolution of the ocean floor, spreading and subduction processes

07-512 Marine seismology and dangerous processes on the ocean floor

07-513 Marine geology, lithology, seismic stratigraphy, and geochemistry of ocean floor sediments

07-514 Paleo-oceanology, biological stratigraphy

07-515 Chemistry of the ocean

07-516 Current sedimentation processes, diffused sediments

07-517 Ore formation in the ocean

07-518 Natural gas hydrates, their formation, degradation, and methane emissions

07-519 Biological oceanology

07-520 Ocean ecology

07-600 Physics of the atmosphere

07-601 General circulation of the atmosphere and dynamic meteorology

07-602 Diagnosis and climate simulation

07-603 Wave processes and atmospheric turbulence

07-604 Atmospheric boundary layer

07-605 Radiation processes in the atmosphere

07-606 Upper and middle atmosphere

07-607 Chemical processes, trace gases, aerosols

07-608 Ionosphere

07-609 Magnetosphere

07-700 Geography and hydrology of the land

07-701 Paleography

07-702 Geomorphology

07-703 Glaciology

07-704 Climate geography

07-705 Geography of soils, geochemistry of landscapes

07-706 Biological geography

07-707 Landscape science

07-708 Hydrology and water resources

07-709 Hydrochemistry

07-710 Hydrobiology

07-711 Geo-ecology and management of natural resources

07-712 Geo-informatics, remote sensing of the Earth and geographical cartography

08   HUMANITIES AND SOCIAL SCIENCES

08-100 Historical sciences

08-101 Theory, methodology and history of historical science

08-102 Ethnology and anthropology

08-103 Archeology

08-104 Russian history from the Ancient Time to the XX Century

08-105 Russian history in the XX – XXI centuries

08-106 Ancient history

08-107 History of the middle Ages and Renaissance

08-108 Modern and Contemporary History of Europe and America

08-109 History of Asia and Africa

08-110 Auxiliary historical disciplines

08-150 Economic sciences

08-151 History of economic doctrines, economic history, economic theory

08-152 Global economics and international economic relations

08-153 Industry-specific economics (including agricultural economics)

08-154 Finance, credit, money circulation, market infrastructure

08-155 Prognostication of socio-economic development, governmental regulation of economy and regulation of socio-economic processes

08-156 Regional and urban economics

08-157 Economics of entrepreneurship, organization and management of enterprises

08-158 Social aspects of economics and labour market

08-200 Philosophical sciences

08-201 Theory of cognition and philosophical ontology

08-202 Logic. Philosophy of language

08-203 Philosophy and methodology of science

08-204 Philosophical problems of interdisciplinary research

08-205 History of philosophy

08-206 Ethics. Aesthetics. Philosophy of religion

08-207 Social philosophy. Philosophy of history

08-208 Philosophy and theory of culture. Philosophical anthropology

08-250 Political science

08-251 Political philosophy

08-252 Theory and methodology of political science

08-253 History of political thought

08-254 Political institutions and processes

08-255 Global politics

08-256 Research topics in political science

08-257 International security (military-political and socio-political aspects)

08-258 Global governance (problems, institutions, and legal regime of multilateral collaboration)

08-300 Sociology

08-301 Theory, methodology and history of sociology, sociological research methods

08-302 Sector-specific sociology

08-303 Demography

08-304 Ethnology

08-305 Gender research

08-306 Research of social problems

08-350 Legal sciences

08-351 Philosophy of law. Theory of law and theory of state and their research methods. History of law and state theories. Comparative jurisprudence

08-352 Constitutional law. Public law. Municipal law and local self-governance

08-353 Administrative law. Financial law. Administrative justice

08-354 Civil law. Entrepreneurial law. Family law. Information law

08-355 Criminal law. Criminology

08-356 Adjudication of criminal and civil cases

08-357 Social law. Labour law. Retirement law

08-358 Land law. Nature conservation law

08-359 International law. Universal and regional international law. International private and public law

08-400 Science of science

08-401 Historiography of science and technology: development of science and technology in various periods of the world's history. Methodological problems of historical research

08-402 Science, technology, society: dynamics of their interrelations

08-403 Scientific and technological research organizations and communities. Ideals and norms of scientific and technological community. Ethics of science. Ethics of engineering

08-404 Science within socio-cultural context. Scientific rationality and values of different cultures

08-405 Development of the system of scientific communications, its disciplinary and interdisciplinary peculiarities and new trends

08-406 Social history of science and technology, scientific and engineering activity, scientific and technologies communities

08-407 Scientific analysis of new fields of scientific research and development. Scientific aspects of new technology development

08-450 Philological sciences

08-451 Philology

08-452 Literary studies

08-453 Linguistics

08-454 Textology

08-500 Art history

08-501 Theory and history of art

08-502 Theory and history of architecture

08-503 Music studies

08-504 Study of musical folklore

08-505 Theatre studies

08-545 Study of folklore

08-550 Psychology

08-551 General psychology, methodology and history of psychology, human psychology

08-552 Psychophysiology, psychogenetics, comparative psychology, animal psychology, evolutionary psychology

08-553 Social psychology, ethnic and cross-cultural psychology, political psychology, legal psychology, economic psychology

08-554 Psychology of labour, psychology of engineering, organizational psychology

08-555 Developmental psychology, pedagogical psychology, correctional psychology, psychology of education

08-600 Pedagogy

08-601 06-310 General pedagogy, history of pedagogy and education

08-602 Theory and methodology of instruction

08-603 Theory and methodology of upbringing

08-604 Theory and methodology of innovative processes in education, experimentation and innovation in education

08-605 Special needs pedagogy and education, inclusive education

08-606 Theory and methodology of physical culture

08-607 Theory and methodology of vocational education

08-650 Social and economic geography

08-651 Economic and recreational geography

08-652 Social geography

08-653 Political geography

08-700 Cultural studies

08-701 Theory, methodology, and history of cultural studies

08-702 Culture in the modern world

08-703 Culture and personality

08-704 National identity and interaction of cultures

08-705 Protection and preservation of historical and cultural heritage

09   ENGINEERING SCIENCES

09-100 Engineering and engineering mechanics

09-101 Durability, viability, and disintegration of materials and structures

09-102 Mechanics of technological processes

09-103 Tribology

09-104 Motion of objects and apparatuses within different media

09-105 Gas- and hydrodynamics of engineered and natural systems

09-106 Mechanical problems in the development of new materials

09-107 Mechatronics and robotics

09-108 Technical mechanics of living systems

09-109 Geotechnical engineering, hydrotechnics

09-110 Design of buildings and structures, construction and operation of buildings and structures

09-200 Heat and mass exchange processes, properties of substances and materials

09-201 Heat and mass exchange processes

09-202 Thermo-physical properties of substances and materials, including substances and materials in extreme states

09-203 Phase equilibrium and transformations

09-204 Equilibrium and kinetics of processes within chemically reactive systems

09-205 Development of new structural materials and coatings

09-206 Nano- and membranous technologies

09-207 Thermodynamic processes in technical systems

09-300 Electrophysics, electric engineering, and electric power engineering

09-301 Electrophysics, electrophysical systems

09-302 Corpuscular, plasma, and beam emission sources for research and practical application

09-303 High-current electronics and high capacity electronics

09-304 Electrophysical processes in fluids, gases, and solid dielectrics

09-305 Physical aspects of generation, conversion, and transmission of electric power

09-306 Physical problems of electric engineering and technical superconductivity

09-307 Electrical engineering aspects of new technologies

09-400 Electric power engineering

09-401 Power systems that operate using organic fuel

09-402 Hydropower engineering, new and renewable power sources

09-403 Hydrogen power engineering

09-404 Power equipment development problems

09-405 Power engineering for transportation (ground, waterborne, airborne, and space transportation)

09-406 Energy saving in transmission and consumption of power

09-500 Nuclear power engineering

09-501 Theory and methods of development of nuclear reactors

09-502 Physical problems of radiation protection

09-503 Nuclear fuel cycle, non-proliferation

09-504 Nuclear and radiological safety, radiation ecology

09-505 Physical-chemical and radiological problems of material science

09-506 Nuclear and thermonuclear technologies

09-600 Technical systems and control processes

09-601 Theory, development methods and operational efficiency of technical systems

09-602 Modelling of technical systems

09-603 Reliability and fail-safety of technical systems. Diagnostics of technical state and testing

09-604 Problems of technical systems control theory

09-605 Integration and information processing in technical systems

09-606 Navigation, targeting, and control over mobile objects

09-607 Man-machine systems control theory

09-608 Automated engineering, technical, and informational systems of monitoring of biological resources, biosphere, and technical systems

09-609 Automated complexes for biology and medicine

09-700 Computer and communication systems hardware

09-701 Information systems hardware

09-702 Problems of microelectronic systems design theory

09-703 Promising technological processes in nano- and microelectronics

09-704 Nano- and microelectronic devices

09-705 Energy-saving technologies and supercomputers

09-706 Radio- and television systems, radiolocation and communications

09-707 Hardware for quantum computers and communication systems

09-708 Laser-information technologies

09-709 Nano-transistors and other nano-electronic devices as information systems hardware

09-710 New materials for nano-electronic devices

09-711 Methods of nano-structuring (nano-lithography and accompanying processes)

09-712 Methods of integration of nano-devices, including methods of development of interconnections

09-713 Metrology of integrated nano-electronic systems

09-800 Fundamental principles of converging sciences

09-801 Fundamental principles of converging sciences