

“The XIIth international scientific-practical conference
"Actual problems of economy and new technologies
of teaching (Smirnov readings)"” on the 22nd of March 2013 y.

The theme of scientific report:

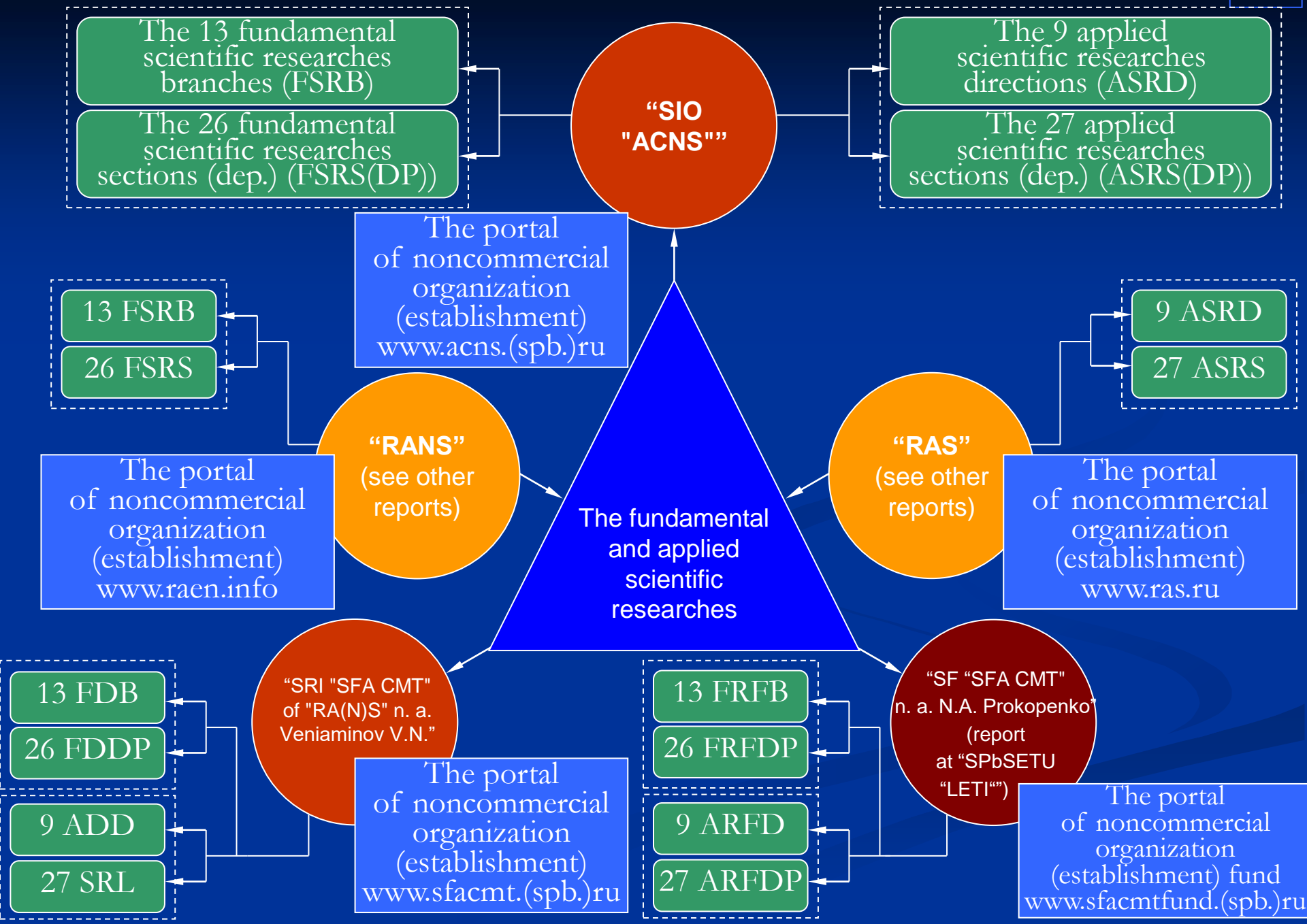
3. *“The divisions of fundamental and applied
scientific researches (at the microscopic level)
of “SIO “ACNS””*

and “SRI “SFA CMT” of “RA(N)S” n. a. Veniaminov V.N.””

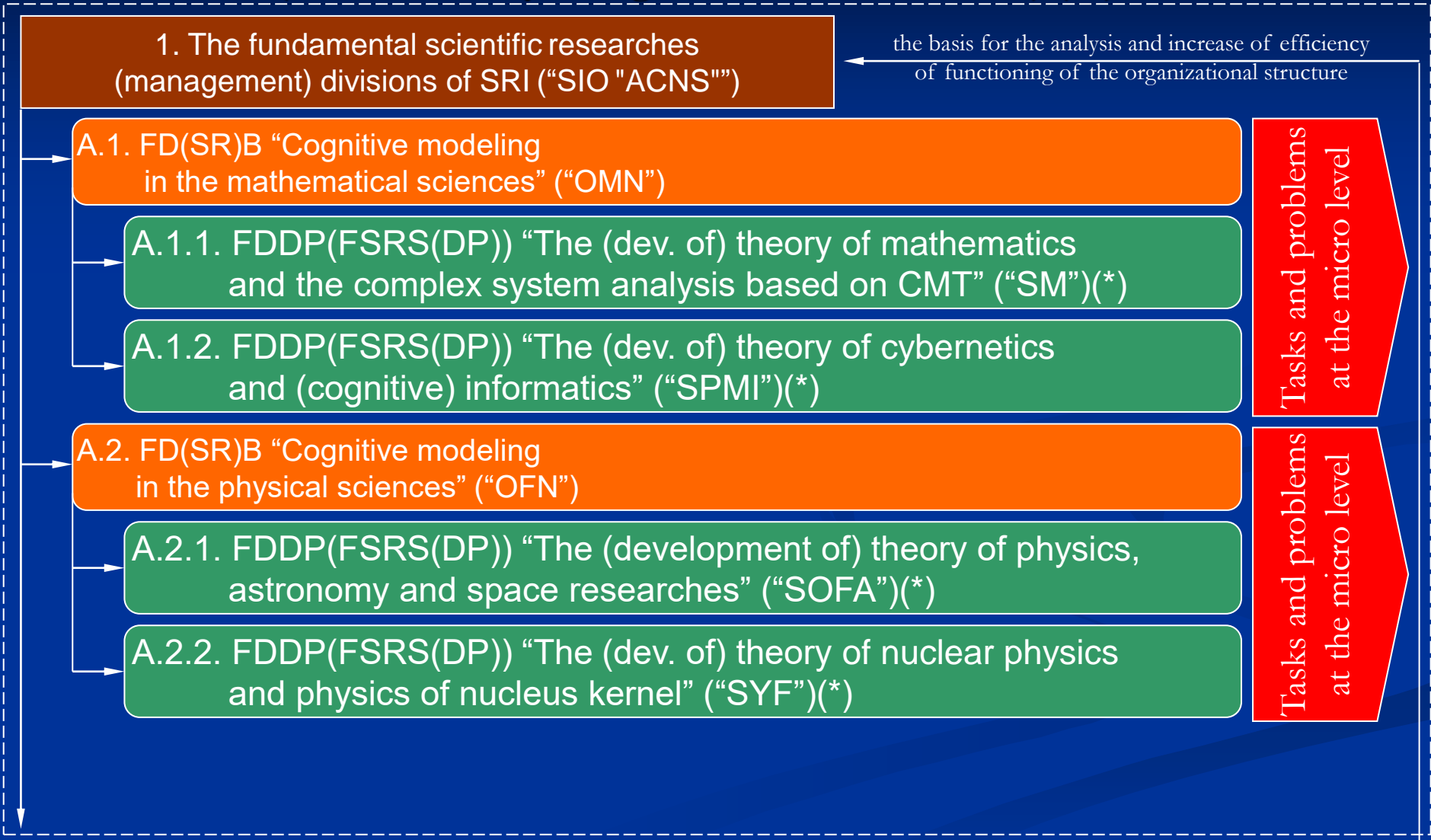
*The section “Educational politics
and new technologies of teaching”*

The reporter: the author of the unique cognitive modeling technology
on spec. 01.02.01, 05.13.01, 05.13.10, 19.00.03, 08.00.10 Vetrov A.N.

The Russian Federation, Saint-Petersburg city, 2013 y.

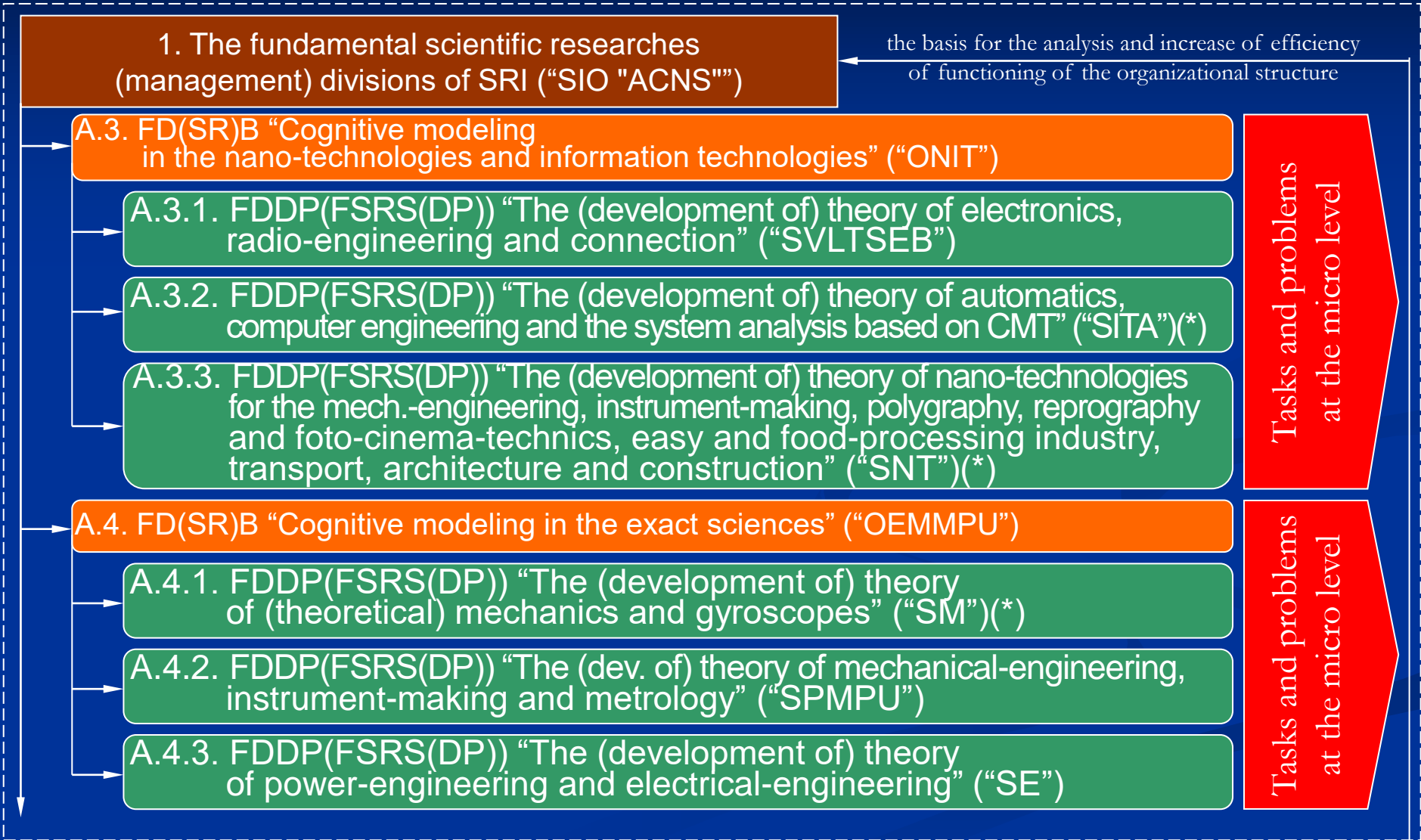


The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F1)



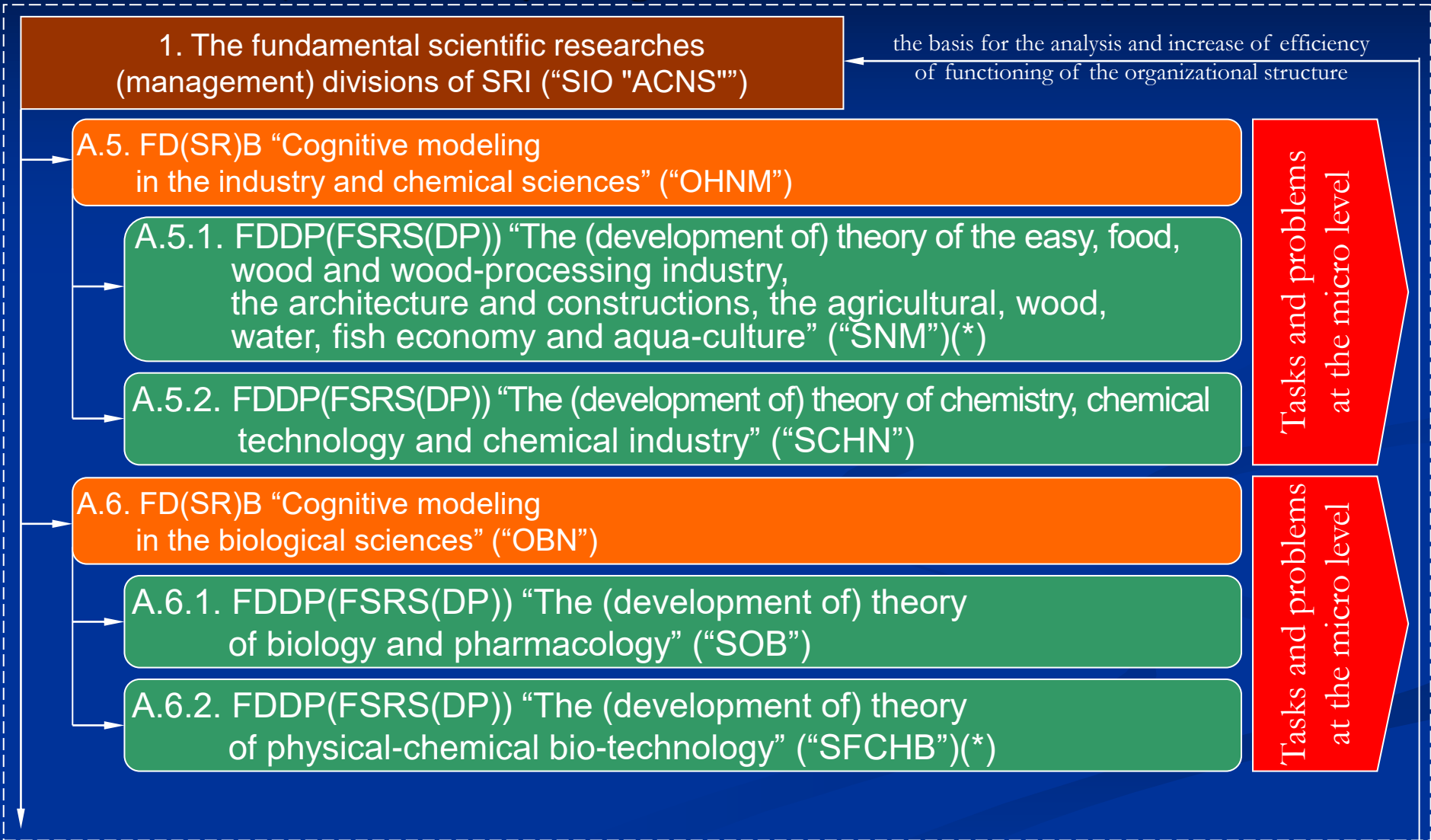
Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F2)



Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F3)



Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"') at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F4)



Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"') at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F5)

1. The fundamental scientific researches (management) divisions of SRI ("SIO "ACNS"")

the basis for the analysis and increase of efficiency of functioning of the organizational structure

A.9. FD(SR)B "Cognitive modeling in the social sciences" ("OON")

A.9.1. FDDP(FSRS(DP)) "The (development of) theory of social sciences, philosophy, science-study, politics and political sciences, sociology, (cognitive) psychology, state, law and jurisprudential sciences, patenting business, invention and rationalization work" ("SFPSP")(*)

A.9.2. FDDP(FSRS(DP)) "The (development of) theory of economics and economic sciences, organization, management, statistics and the financial analysis based on CMT" ("SE")(*)

Tasks and problems at the micro level

A.10. FD(SR)B "Cognitive modeling in the global problems and international relations" ("OGPMO")

A.10.1. FDDP(FSRS(DP)) "The (development of) theory of demography, pedagogics and national education, standardization, complex studying of separate countries and regions, general and complex problems of natural, exact, technical, public, applied sciences and manufacture branches" ("SGP")

A.10.2. FDDP(FSRS(DP)) "The (development of) theory of culture and cultural-science, art and art-science, mass communication, journalism and mass media means, religion, internal trade and tourist-excursion service, external trade, transport, housing-communal services, housekeeping and consumer services at the international level" ("SMO")

Tasks and problems at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F6)

1. The fundamental scientific researches (management) divisions of SRI ("SIO "ACNS"")

the basis for the analysis and increase of efficiency of functioning of the organizational structure

A.11. FD(SR)B "Cognitive modeling in the historical-philological sciences" ("OIFN")

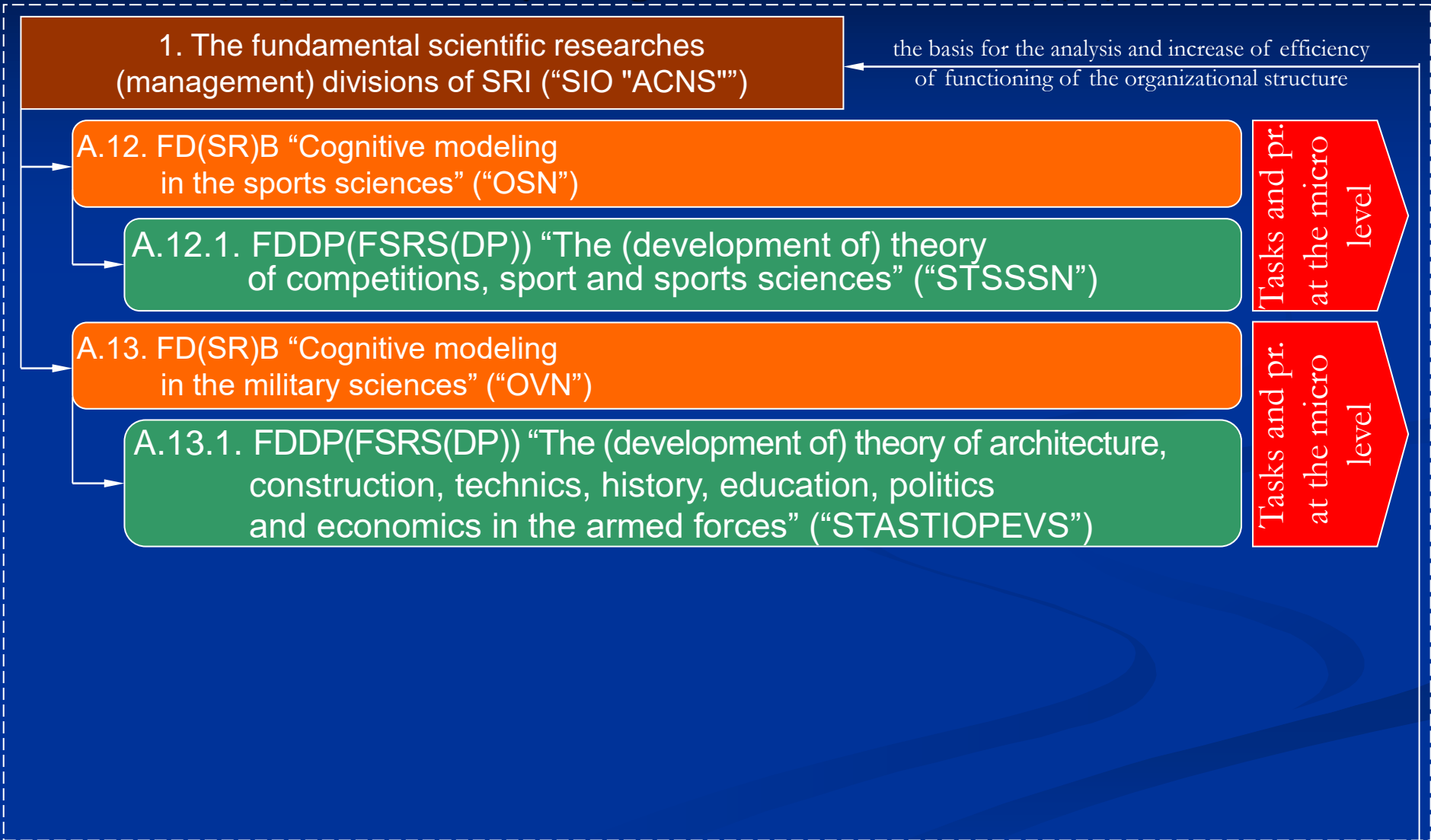
A.11.1. FDDP(FSRS(DP)) "The (development of) theory of history and historical sciences" ("SI")

A.11.2. FDDP(FSRS(DP)) "The (development of) theory of science of language, (cognitive) linguistics, literature, study of literature and oral national creativity" ("SYL")(*)

Tasks and problems at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The fundamental scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (F7)



Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"') at the realization stage.

The applied scientific researches (management) divisions of "SRI "System and financial analysis based on cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N." ("SIO "Academy of cognitive natural sciences"") (A1)

2. The applied scientific researches (management) divisions of SRI ("SIO "ACNS"")

the basis for the analysis and increase of efficiency of functioning of the organizational structure

B.1. ASR(D)D "Cognitive modeling in the natural sciences" ("NEN")

B.1.1. ASRS(DP)(SRL) "The (research of) applications of (cognitive) informatics, cybernetics, automatics, computer engineering, data transmission and connection" ("SIC")(*)

B.1.2. ASRS(DP)(SRL) "The (research of) applications of mathematics, mathematical physics, mechanics, metrology, astronomy, space researches, the complex system analysis based on CMT and complex problems of natural sciences" ("SMMF")(*)

B.1.3. ASRS(DP)(SRL) "The (research of) applications of geo-chemical ecology and preservation of environment" ("SNOS")

B.1.4. ASRS(DP)(SRL) "The (research of) applications of the models of The Earth and The Solar system planets in the geography, geology, geodesy, cartography, astronomy and other sciences" ("SNZ")(*)

B.1.5. ASRS(DP)(SRL) "The (research of) applications of the models, methods and technologies of geology of oil and gas and oil and gas industry" ("SNG")

B.1.6. ASRS(DP)(SRL) "The (research of) applications of the system analysis based on CMT, prediction, standardization, unification and complex problems of exact technical sciences" ("SSAP")(*)

B.1.7. ASRS(DP)(SRL) "The (research of) applications of theor. and exp. physics, geo-physics, power-engineering, electrical-engineering, electronics and radio-engineering, nuclear physics, technics and instrument-making" ("SF")(*)

B.1.8. ASRS(DP)(SRL) "The (research of) applications of (non)organic chemistry, crystallography, mineralogy and chemical industry" ("SH")(*)

Tasks and problems at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The applied scientific researches (management) divisions
of “SRI "System and financial analysis based on
cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N.”
 (“SIO "Academy of cognitive natural sciences"”) (A2)

2. The applied scientific researches
(management) divisions of SRI (“SIO "ACNS"”)

← the basis for the analysis and increase of efficiency
of functioning of the organizational structure

B.2. ASR(D)D “Cognitive modeling
in the applied technical sciences and technologies” (“NNT”)

B.2.1. ASRS(DP)(SRL) “The (research of) applications
of mining and metallurgy” (“SGM”)

B.2.2. ASRS(DP)(SRL) “The (research of) applications
of the sciences about wood and wood processing” (“SNL”)

B.2.3. ASRS(DP)(SRL) “The (research of) applications
of the noo-sphere knowledge and technologies:
the (heavy) mechanical-engineering, instrument-making,
polygraphy, reprography and foto-cinema-technics,
easy and food-processing ind., transport, architecture, construction
and other branches” (“SNZT”)(*)

B.2.4. ASRS(DP)(SRL) “The (research of) applications of the scientific problems
of agro-industrial complex” (“SNPAK”)

Tasks and problems
at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis
of “SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N.” (“SIO "ACNS"”) at the realization stage.

The applied scientific researches (management) divisions
of "SRI "System and financial analysis based on
cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N."
("SIO "Academy of cognitive natural sciences"") (A3)

2. The applied scientific researches
(management) divisions of SRI ("SIO "ACNS"")

← the basis for the analysis and increase of efficiency
of functioning of the organizational structure

B.3. ASR(D)D "Cognitive modeling
in the geo-political sciences and researches" ("NSGI")

B.3.1. ASRS(DP)(SRL) "The (research of) applications
of geo-politics and safety" ("SGB")

B.3.2. ASRS(DP)(SRL) "The (research of) applications
of classical and military history" ("SVIT")

Tasks and problems
at the micro level

B.4. ASR(D)D "Cognitive modeling
in the society steady development of post-industrial country" ("NURS")

B.4.1. ASRS(DP)(SRL) "The (research of) applications
of the complex problems of country development" ("SPUR")(*)

Tasks and pr.
at the micro
level

Note: the scientific researches divisions in the field of the system, financial and complex analysis
of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The applied scientific researches (management) divisions
of "SRI "System and financial analysis based on
cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N."
("SIO "Academy of cognitive natural sciences"") (A4)

2. The applied scientific researches
(management) divisions of SRI ("SIO "ACNS"")

the basis for the analysis and increase of efficiency
of functioning of the organizational structure

B.5. ASR(D)D "Cognitive modeling
in the social-economic and jurisprudential sciences" ("NSEPP")

B.5.1. ASRS(DP)(SRL) "The (research of) applications
of the inter-branch jurisprudential and economic system
researches of society and country" ("SMEESI")

B.5.2. ASRS(DP)(SRL) "The (research of) applications
of the complex problems of micro-(macro-)economics,
social sphere and market economy of the country" ("SPMSRH")

B.5.3. ASRS(DP)(SRL) "The (res. of) applications of economics, management,
sociology, statistics and their other branches" ("SES")

B.5.4. ASRS(DP)(SRL) "The (research of) applications
of the financial analysis, accounting and audit
of the (credit) organization based on CMT" ("SFABUA")(*)

Tasks and problems
at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis
of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The applied scientific researches (management) divisions
of "SRI "System and financial analysis based on
cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N."
("SIO "Academy of cognitive natural sciences"") (A5)

2. The applied scientific researches
(management) divisions of SRI ("SIO "ACNS"")

← the basis for the analysis and increase of efficiency
of functioning of the organizational structure

B.6. ASR(D)D "Cognitive modeling
in the biological and medical sciences" ("NBME")

B.6.1. ASRS(DP)(SRL) "The (research of) applications
of biology, ecology and physiology of plants" ("SBE")

B.6.2. ASRS(DP)(SRL) "The (research of) applications
of bio-technology, bio-medicine, ergonomics and labor safety
of organic individuals" ("SB")(*)

Tasks and pr.
at the micro level

B.7. ASR(D)D "Cognitive modeling
in the humanitarian sciences, art and creativity" ("NGNOT")

B.7.1. ASRS(DP)(SRL) "The (research of) applications
of (cognitive) linguistics, (national) creativity,
culture, art and religion" ("SGNT")(*)

B.7.2. ASRS(DP)(SRL) "The (research of) applications
of literature, science-study, philosophy,
journalism and mass communication means" ("SLPZ")

B.7.3. ASRS(DP)(SRL) "The (research of) applications of the problems
of (cognitive) psychology, education, science and supports
of young scientists (the grants program and others)" ("SPOPMU")(*)

B.7.4. ASRS(DP)(SRL) "The (research of) appl. of the innovations of the project
"The Russian encyclopedias", philosophy of science,
technics and technology on branches of knowledge" ("SRE")

Tasks and problems
at the micro level

Note: the scientific researches divisions in the field of the system, financial and complex analysis
of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.

The applied scientific researches (management) divisions
of "SRI "System and financial analysis based on
cognitive modeling technology" of "RA(N)S" named after Veniaminov V.N."
("SIO "Academy of cognitive natural sciences"") (A6)

2. The applied scientific researches
(management) divisions of SRI ("SIO "ACNS"")

← the basis for the analysis and increase of efficiency
of functioning of the organizational structure

B.8. ASR(D)D "Cognitive modeling
in the physical training and sport" ("NFS")

B.8.1. ASRS(DP)(SRL) "The (research of) applications
of sport, sports sciences and actions" ("SSNM")

Tasks and pr.
at the micro
level

B.9. ASR(D)D "Cognitive modeling
in the military sciences" ("NVN")

B.9.1. ASRS(DP)(SRL) "The (research of) applications
of architecture, construction, technics, history, education,
politics and economics in the armed forces" ("SASTIOPEVC")

Tasks and pr.
at the micro
level

Note: the scientific researches divisions in the field of the system, financial and complex analysis
of "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." ("SIO "ACNS"") at the realization stage.