

“The XIII<sup>th</sup> international scientific-practical conference  
"Actual problems of economics and new technologies of teaching  
(Smirnov readings)"” on the 22<sup>nd</sup> of March 2014 y.

**The theme of scientific report:**

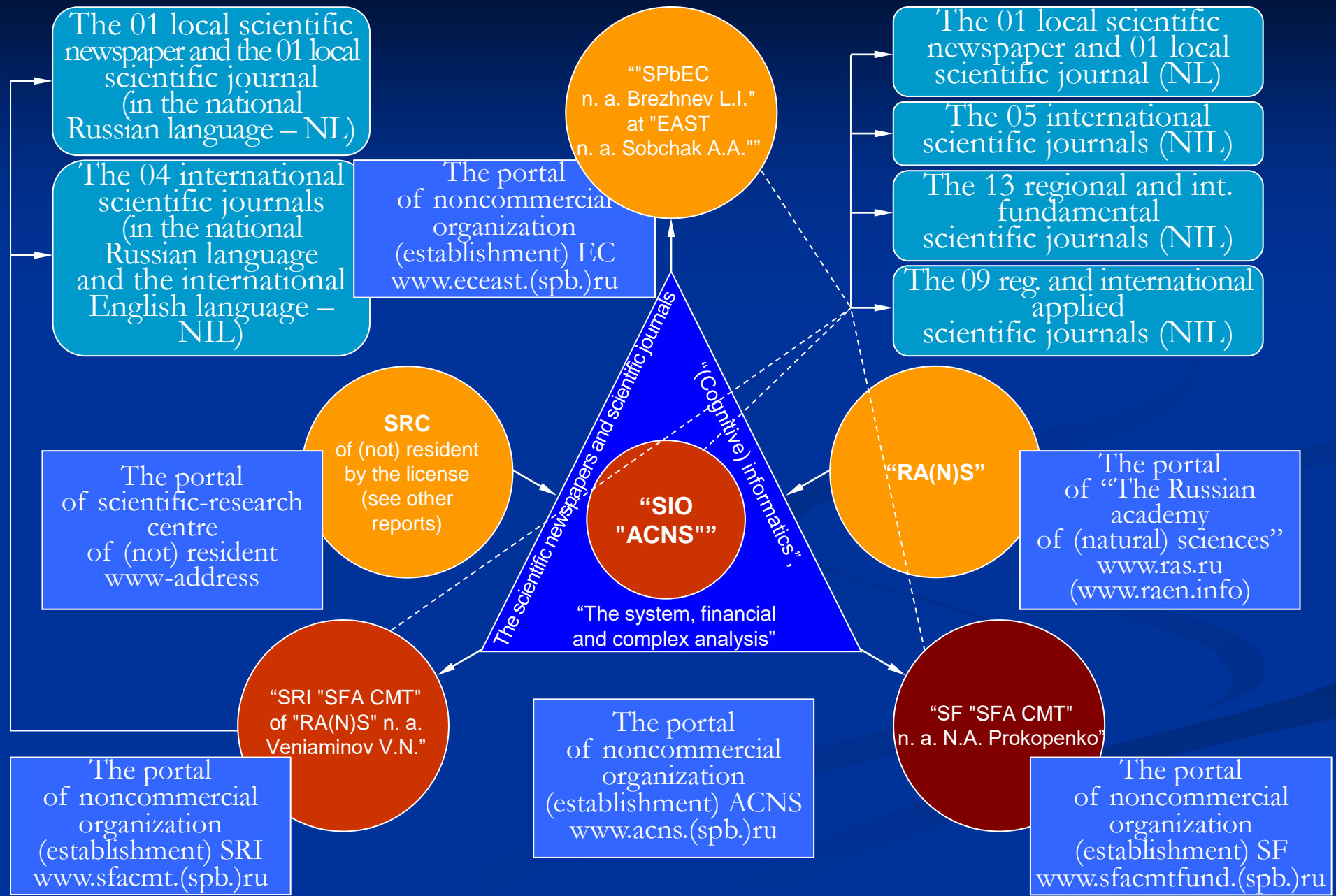
*4. “The local and international  
scientific newspapers and journals  
of “SPbEC n. a. Brezhnev L.I.”  
at “EAST n. a. Sobchak A.A.”””*

*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, 2014 y.

# The genesis of the scientific newspapers and journals on “(Cognitive) informatics, the system, financial and complex analysis” (at the micro level)



1. The local scientific newspapers (SN) (1) and scientific journals (SJ) (1)

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

- 1.1. SN “News of “Saint-Petersburg exhibition centre named after Brezhnev L.I.” at “Exhibition of achievements of science and technology named after Sobchak A.A.”” (in the national language)
- 1.2. SJ “Proceedings of “SPbEC n. a. Brezhnev L.I.” at “EAST n. a. Sobchak A.A.”” (in the national language)

The local tasks and problems

The publication on the paper carrier of information in the printing house of “SPbEC n. a. Brezhnev L.I.” at “EAST n. a. Sobchak A.A.”

2. The international scientific journals (ISJ) (5)

- 2.1. ISJ “Bulletin of “SPbEC n. a. Brezhnev L.I.” at “EAST n. a. Sobchak A.A.”” (in the national language and international language)
- 2.2. ISJ “Cognitive sciences: common questions of exhibition centre” (in the national language and international language)
- 2.3. ISJ “Cognitive modeling technology for the microscopic system analysis: exhibitions of achievements” (in the nat. and int. language)
- 2.4. ISJ “Cognitive modeling technology for the microscopic financial analysis: exhibitions of achievements” (in the nat. and int. language)
- 2.5. ISJ “Cognitive modeling technology for the microscopic complex analysis: exhibitions of achievements” (in the nat. and int. language)

The international tasks and problems

The publication on the paper and optical carrier of information in the printing house of “SPbEC n. a. Brezhnev L.I.” at “EAST n. a. Sobchak A.A.”

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13)

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

3.1. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Mathematical sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the mathematics and the complex system analysis based on the cognitive modeling technology" ("SM")(\*)

Section 2 "The theory of the cybernetics and (cognitive) informatics" ("SPMI")(\*)

The regional and international tasks and problems

3.2. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Physical sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the physics, astronomy and space researches" ("SOFA")(\*)

Section 2 "The theory of the nuclear physics and physics of nucleus kernel" ("SYF")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 2)

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

3.3. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Nano-technologies and information technologies"), (the multi-section – the 3 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the electronics, radio-engineering and connection" ("SVLTSEB")

Section 2 "The theory of the automatics, computer engineering and the system analysis based on the cognitive modeling technology" ("SITA")(\*)

Section 3 "The theory of the nano-technologies for the mechanical-engineering, instrument-making, polygraphy, reprography and foto-cinema-technics, easy and food-processing industry, transport, architecture and construction" ("SNT")(\*)

The regional and international tasks and problems

3.4. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Exact sciences"), (the multi-section – the 3 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the (theoretical) mechanics and gyroscopes" ("SM")(\*)

Section 2 "The theory of the mechanical-engineering, instrument-making and metrology" ("SPMPU")

Section 3 "The theory of the power-engineering and electrical-engineering" ("SE")

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 3)

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

3.5. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Industry and chemical sciences), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the easy, food, wood and wood-processing industry, the architecture and construction, the agricultural, wood, water, fish economy and aqua-culture" ("SNM")(\*)

Section 2 "The theory of the chemistry, chemical technology and chemical industry" ("SCHN")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 4)

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

3.6. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Biological sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the biology and pharmacology" ("SOB")

Section 2 "The theory of the physical-chemical bio-technology" ("SFCHB")(\*)

The regional and international tasks and problems

3.7. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Physiology, fundamental medicine and health care"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the physiology, bio-physiology and private physiology" ("SF")(\*)

Section 2 "The theory of the medicine, public health services, labor safety, environment preservation and ecology of person" ("SFM")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 5)

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

3.8. (R)IFSJ "The microscopic cognitive modeling in the fund. scientific researches: exhibition of achievements" ("Sciences about The Earth"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the geo-physics, geology, mining and metallurgy" ("SGGGGN")

Section 2 "The theory of the oceanology, structure and physics of atmosphere, geodesy and cartography and geography of The Earth and planets" ("SOFAG")

The regional and international tasks and problems

3.9. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Social sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the social sciences, philosophy, science-study, politics and political sciences, sociology, (cognitive) psychology, state, law and jurisprudential sciences, patenting business, invention and rationalization work" ("SFPSP")(\*)

Section 2 "The theory of the economics and economic sciences, organization, management, statistics and the financial analysis based on the cognitive modeling technology" ("SE")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage



3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 6)

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

3.10. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Global problems and international relations"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the demography, pedagogics and national education, standardization, complex studying of separate countries and regions, general and complex problems of natural, exact, technical, social, applied sciences and manufacture branches" ("SGP")

Section 2 "The theory of the 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 service, housekeeping and consumer services at the international level" ("SMO")

The regional and international tasks and problems

3.11. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Historical-philological sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the history and historical sciences" ("SI")

Section 2 "The theory of the science of language, (cognitive) linguistics, literature, study of literature and oral national creativity" ("SYL")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

3. The regional (RFSJ) and international fundamental scientific journals (IFSJ) (13) (continue 7)

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

3.12. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Sports sciences"), (the multi-section – the 1 section, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the competitions, sport and sports sciences" ("STSSSN")

The regional and international tasks and problems

3.13. (R)IFSJ "The microscopic cognitive modeling in the fundamental scientific researches: exhibition of achievements" ("Military sciences"), (the multi-section – the 1 section, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The theory of the architecture, construction, technics, history, education, politics and economics in the armed forces" ("STASTIOPEVS")

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

4. The regional (RASJ) and international applied scientific journals (IASJ) (9)

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

4.1. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Natural sciences") (the multi-section – the 8 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the (cognitive) informatics, cybernetics, automatics, computer engineering, data transmission and connection" ("SIC")(\*)

Section 2 "The applications of the mathematics, mathematical physics, mechanics, metrology, astronomy, space researches, the complex system analysis based on the cognitive modeling technology and complex problems of natural sciences" ("SMMF")(\*)

Section 3 "The applications of the geo-chemical ecology and preservation of environment" ("SNOS")

Section 4 "The applications of the models of The Earth and The Solar system planets in the geography, geology, geodesy, cartography, astronomy and other sciences" ("SNZ")(\*)

Section 5 "The applications of the models, methods and technologies of the geology of oil and gas and oil and gas industry" ("SNG")

Section 6 "The applications of the system analysis based on the cognitive modeling technology, prediction, standardization, unification and complex problems of exact technical sciences" ("SSAP")(\*)

Section 7 "The appl. of theoretical and experimental physics, geo-physics, power-engineering, electrical-engineering, electronics and radio-engineering, nuclear physics, technics and instrument-making" ("SF")(\*)

Section 8 "The applications of the (non)organic chemistry, crystallography, mineralogy and chemical industry" ("SH")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

4. The regional (RASJ) and international applied scientific journals (IASJ) (9) (continue 2)

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

4.2. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Appl. tech. sciences and technologies"), (the multi-section – the 4 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the mining and metallurgy" ("SGM")

Section 2 "The applications of the sciences about wood and wood processing" ("SNL")

Section 3 "The applications of the noo-sphere knowledge and technologies: the (heavy) mechanical-engineering, instrument-making, polygraphy, reprography and foto-cinema-technics, easy and food-processing industry, transport, architecture, construction and other branches" ("SNZT")(\*)

Section 4 "The applications of the scientific problems of agro-industrial complex" ("SNPAK")

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

4. The regional (RASJ) and international applied scientific journals (IASJ) (9) (continue 3)

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

4.3. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Geo-political sciences and researches"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the geo-politics and safety" ("SGB")

Section 2 "The applications of the classical and military history" ("SVIT")

The regional and international tasks and problems

4.4. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Steady development of society of the post-ind. country"), (the multi-section – the 1 section, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the complex problems of country development" ("SPUR")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

4. The regional (RASJ) and international applied scientific journals (IASJ) (9) (continue 4)

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

4.5. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Social-economic and jurisprudential sciences"), (the multi-section – the 4 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the inter-branch jurisprudential and economic system researches of society and country" ("SMEESI")

Section 2 "The applications of the complex problems of micro-(macro-)economics, social sphere and market economy of the country" ("SPMSRH")

Section 3 "The applications of the economics, management, sociology, statistics and their other branches" ("SES")

Section 4 "The applications of the financial analysis, accounting and audit of the (credit) organization based on the cognitive modeling technology" ("SFABUA")(\*)

The regional and international tasks and problems

4.6. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Biological and medical sciences"), (the multi-section – the 2 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the biology, ecology and physiology of plants" ("SBE")

Section 2 "The applications of the bio-technology, bio-medicine, ergonomics and labor safety of organic individuals" ("SB")(\*)

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage

4. The regional (RASJ) and international applied scientific journals (IASJ) (9) (continue 5)

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

4.7. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Humanitarian sciences, art and creativity"), (the multi-section – the 4 sections, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the (cognitive) linguistics, (national) creativity, culture, art and religion" ("SGNT")(\*)

Section 2 "The applications of the literature, science-study, philosophy, journalism and mass communication means" ("SLPZ")

Section 3 "The applications of the problems of (cognitive) psychology, education, science and supports of young scientists (the grants programs and others)" ("SOPMU")(\*)

Section 4 "The applications of the innovations of project "The Russian encyclopedias", philosophy of science, technics and technology on branches of knowledge" ("SRE")

The regional and international tasks and problems

The publication on the paper and optical carrier of information in the printing house of "SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."

4. The regional (RASJ) and international applied scientific journals (IASJ) (9) (continue 6)

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

4.8. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Physical training and sport"), (the multi-section – the 1 section, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the sport, sports sciences and actions" ("SSSNM")

The regional and international tasks and problems

4.9. (R)IASJ "The microscopic cognitive modeling in the applied scientific researches: exhibition of achievements" ("Military sciences"), (the multi-section – the 1 section, the regional printing and electronic in the national language and the international electronic in the int. language)

Section 1 "The applications of the architecture, construction, technics, history, education, politics and economics in the armed forces" ("SASTIOPEVC")

The regional and international tasks and problems

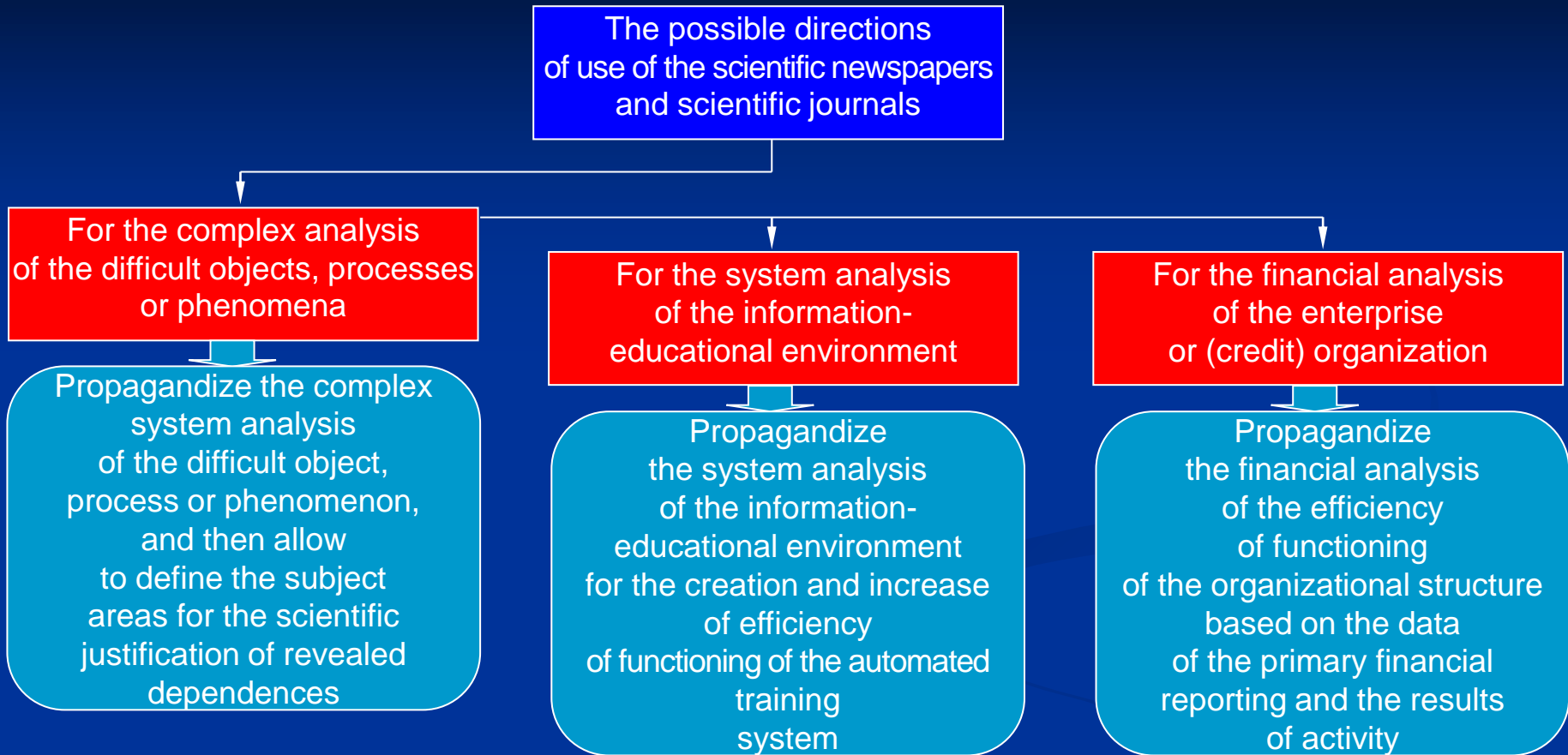
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Note: the scientific newspapers and journals in the field of the system, financial and complex analysis at the realization stage



# The possible directions of use of the scientific newspapers and scientific journals

3.16



Prepared my personal monography  
“The environment of automated training  
with the properties of adaptation based on  
the cognitive models”, “SPbSETU “LETI””, 2005,  
deposited in “RAS”, 2007,  
given to “RSL n. a. V. I. Ulyanov (Lenin)”, 2008

Developed my personal monography (textbook)  
“The cognitive modeling technology  
for the financial analysis and audit of the organization”  
+ 6 CD ROM (RAS and IAS)  
SPb.: “SPbSETU “LETI””, 2004, 2007, 2010,  
“IBI”, 2004, 2007, 2010,  
“SPbSUEF “FINEC””, 2004, 2007, 2010,  
“SPbSU”, 2010, “SPbSEEU “INZhECON””, 2010

# The principle of formation of a set of the scientific newspapers and scientific journals for the promotion of the cognitive modeling technology

3.17

