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THE APPLIED SCIENTIFIC RESEARCHES DIRECTION
“COGNITIVE MODELING IN THE SOCIETY STEADY
DEVELOPMENT OF POST-INDUSTRIAL COUNTRY” (“NURS”)
OF “SIO "ACADEMY OF COGNITIVE NATURAL SCIENCES””

The developed “The applied scientific researches direction
"Cognitive modeling in the society steady development
of post-industrial country"” (“NURS”) treats to the applied scientific researches divisions of “SIO "Academy of cognitive natural sciences”” (“SIO "ACNS””) as the main component of the system of science and education of the modern country for the creation, distribution and use of the main and derivative scientific results of the cognitive modeling technology (CMT) (www.vetrovan.(spb.)ru) [see the applied scientific researches directions and departments of “SIO "ACNS””]:

- 1) it is executed by the principle of “administrative-economy submission”;
- 2) works in the several main directions, which allow to provide the development of the applied main and derivative scientific results (my second report on SRW from 2006-2008(9) y. was submitted to “SPbSETU "LETI”” and “The Government of RF” for the translation, carrying out of int. action and receiving of “The Nobel prize”);
- 3) includes the several various main divisions:
I. “The applied scientific researches department “Applications of the complex problems of country development” (“SPUR”) (*)
[the applied scientific researches in the area “Applications of economic problems of national economy management” – usage of theory of self-financing, usage of theory of economic stimulation, usage of theory of manpower resources, usage of theory of the cognitive modeling technology in the applications of economic problems of national economy management;

the applied scientific researches in the area “Applications of the global philosophical problems, philosophical and methodological problems of sciences and scientific knowledge as a whole” ()* – usage of theory of modern philosophy, usage of theory of dialectical logic, usage of theory of social sciences, usage of theory of modern social philosophy, usage of theory of modern sociology, usage of theory of demography and people-population, usage of theory of The World economy and economics, usage of theory of grammar and applied science of language, usage of theory of art and art-science, usage of theory of artificial intelligence, usage of theory of biological chemistry, usage of theory of regional geography, usage of theory of economic and social geography, usage of theory of toponymics, usage of theory of astro-physics, usage of theory of pharmacology and chemo-therapy, usage of theory of normal and pathological physiology, usage of theory of genetic engineering, usage of theory of bio-technology, usage of theory of agriculture, usage of theory of medicine and public-health-services, usage of theory of technical aesthetics and ergonomics, usage of theory of preservation of environment, usage of theory of the global-ethic and global-esthetic categories and problems, usage of theory of social activity and social problems, usage of theory of sociological problems of printing, television and radio-broadcasting, usage of theory of influences of anthropogenic changes of environment on the health and social-labor potential of population, usage of theory of The World economic development, usage of theory of activity of international economic organizations and associations, usage of theory of economic development and growth, usage of theory of prediction and planning of economics, usage of theory of economic cycles and crises, usage of theory of the social and economic problems of development of the advanced and less developed countries, usage of theory of economic problems of organization and management of country economy, usage of theory of the problems of functioning of the market economy and the social-economic problems of labor, usage of theory of legal problems of environment preservation and ecological law, usage of theory of economic problems of politics, usage of theory of general problems of political systems at socialism in the advanced and less developed countries, usage of theory of the foreign(external)-political aspects of global problems, usage of theory of the problems of war and peace, usage of theory of the means of sanction of international conflicts, usage of theory of problems of disarmament and anti-war movement, usage of theory of movement of non-alignment, usage of theory of the international, federal, regional and local problems, usage of theory of international terrorism, usage of theory of the separate philosophical-theoretical problems of culture, usage of theory of sociological problems of motion-picture-art, usage of theory of religious consciousness, usage of theory of relation of church and philosophical-theological schools to the problem of war and peace, usage of theory of philosophy of mutual-relations of religion and army, usage of theory of relation of religions and churches to the national-liberation movement, national and racial problems,

usage of theory of the general problems of physical experiment,
usage of theory of the physical problems of mechanics,
usage of theory of the bio-chemical problems,
usage of theory of the problems of safety of biological experiment,
usage of theory of micro-molecular associations
and problems of recognition in molecular biology,
usage of theory of the general problems of anthropogenesis in paleo-anthropology and archeology,
usage of theory of the general problems of researches of The Sun, The Earth,
stars, fogs and interstellar environment,
atmosphere, chromosphere, crown, near-star environments,
usage of theory of the problems of loss of weight of stars and star wind,
usage of theory of the general problems of researches of stars,
usage of theory of problematic rests,
usage of theory and problematics of programming for the computer networks,
usage of theory of the general problems of automation of designing,
usage of theory of the general problems of researches,
calculations and designing in the mining mechanical-engineering,
usage of theory of the general problems of household radio-electronic equipment,
usage of theory of genetic engineering for the decision of problem of bio-degradation,
usage of theory of the sociological, demographical
and psychological problems in construction,
usage of theory of the general problems of melioration of agricultural grounds,
usage of theory of the social-economic problems in countryside,
usage of theory of the medical problems of space flights,
usage of theory of the political problems of sports and sports single-kind-combats,
the game kinds of sport, the kinds of speed-involving-strength sport,
the kinds of complicated-coordinated sport,
the technical kinds of sport and the cyclical kinds of sport,
usage of theory of the general problems of war,
usage of theory of training of staff,
usage of theory of the problems of material interest of workers,
usage of theory of the problems of material-technical supply,
usage of theory of the problems of fire safety,
usage of theory of information about the centres on studying of the problems of management,
usage of theory of the general problems of prediction,
usage of theory of role of the separate areas of knowledge in the decision of problems
of environment and use of natural resources,
usage of theory of the general problems of international cooperation,
usage of theory of the problems of sorption and auto-purification of waters,
usage of theory of the complex and regional problems
of protection of waters, bowels, landscape and waste management,
usage of theory of materials describing the research
of space environment as a whole
and interrelation of this problem with the other sciences and spheres of activity,
usage of theory of the general problems and prospects of development
of the methods of space researches, safety
and the medical-biological problems of space flights,
usage of theory of the general problems and principles of work of the space connection systems,
usage of theory of the problems of development
of extraterrestrial territories and prospects of astronautics,
usage of theory of the nonconventional problems of researches of space environment,
usage of theory of the cognitive modeling technology
in the applications of global-philosophical problems, philosophical
and methodological problems of science and scientific knowledge as a whole;

the applied scientific researches in the area “Applications of the complex problems of social sciences” – usage of theory of social-political idea, usage of theory of the global problems and labor, usage of theory of the cognitive modeling technology in the applications of the complex problems of social sciences;

the applied scientific researches in the area “Applications of the general and complex problems of technical and applied sciences and national economy branches” – usage of theory of materiology (materials-science), usage of theory of general technology of production, usage of theory of designing, usage of theory of construction, usage of theory of the flexible industrial systems, usage of theory of vacuum technics, usage of theory of cryogenic technics, usage of theory of corrosion and protection against corrosion, usage of theory of welding, usage of theory of optical manufacture, usage of theory of staff, usage of theory of control and management of quality, usage of theory of installation, operation and repair of industrial equipment, usage of theory of material-technical supply, usage of theory of logistics, usage of theory of warehouse economy, usage of theory of container and packing, usage of theory of secondary raw materials, usage of theory of fire safety, usage of theory of safety, usage of theory of salvage-rescue services, usage of theory of technical aesthetics and ergonomics, usage of theory of protection of information, usage of theory of the cognitive modeling technology in the applications of the general and complex problems of technical and applied sciences and national economy branches;

the applied scientific researches in the area “Applications of the general and complex problems of natural and exact sciences” – usage of theory of the materials of general character, usage of theory of scientific and technical societies, conventions, congresses, conferences, symposiums, seminars and exhibitions, usage of theory of classical and modern terminology, usage of theory of reference books and educational literature, usage of theory of the cognitive modeling technology in the applications of the general and complex problems of natural and exact sciences].

The applied scientific researches directions and departments of “SIO "ACNS”” allow to develop the main and derivative scientific results of CMT.