Vetrov Anatoly Nikolaevich, author of the unique cognitive modeling technology
www.vetrovan.(spb.)ru
The RF, Saint-Petersburg city

THE APPLIED SCIENTIFIC RESEARCHES DIRECTION
"COGNITIVE MODELING IN THE APPLIED
TECHNICAL SCIENCES AND TECHNOLOGIES" ("NNT")
OF "THE SIO "ACADEMY OF COGNITIVE NATURAL SCIENCES"" (PART 1)

The developed "The applied scientific researches direction "Cognitive modeling in the applied technical sciences and technologies"" ("NNT") treats to the applied scientific researches divisions of "The SIO "Academy of cognitive natural sciences"" ("The SIO "ACNS"") as main component of science and education system of the modern country for 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 "The SIO "ACNS""]: 1) it is executed by the principle of "administrative-economy submission"; 2) works in several main directions, which allow to provide development of the applied main and derivative scientific results (my second report on SRW from 2006-2008(9) y. was submitted to "The SPbSETU "LETI"" and The Government of The RF for the translation, carrying out of int. action and receiving of "The Nobel Prize"); 3) includes several various main divisions: I. "The applied scientific researches department "The applications of the mining and metallurgy"" ("SGM") [*the applied scientific researches in area " A p p l i c a t i o n s   o f   m i n i n g "* – usage of theory of technics and technology of development of deposits of firm minerals, usage of theory of development of deposits of ores and ferrous metals, usage of theory of development of deposits of ores and looses of color and rare metals and diamonds, usage of theory of development of deposits of coal and combustible slates, usage of theory of development of deposits of peat, usage of theory of development of deposits of building and road materials, fire-resistant, ceramic, glass and mineral technical raw material, usage of theory of development of deposits of chemical and agricultural-chemical raw material and salts, usage of theory of development of deposits of precious and ornamental stones, usage of theory of enrichment of minerals, usage of theory of development of oil and gas deposits, usage of theory of cognitive modeling technology in applications of mining; *the applied scientific researches in area " A p p l i c a t i o n s   o f   m e t a l l u r g y "* – usage of theory of metallurgical processes, usage of theory of metallurgical heating engineering, usage of theory of ferrous metals and alloys manufacture, usage of theory of nonferrous metals and alloys manufacture, usage of theory of powder metallurgy, usage of theory of semiconductors metallurgy, usage of theory of rolling manufacture, usage of theory of drawing and hardware manufacture, usage of theory of pipes manufacture, usage of theory of metallurgical science, usage of theory of the technical analysis in metallurgy, usage of theory of cognitive modeling technology in applications of metallurgy].

II. "The applied scientific researches department "The applications of the sciences about forestry and wood processing"" ("SNL") [*the applied scientific researches in area "Applications of forestry and wood processing industry"* – usage of theory of wood science, usage of theory of forestry-cutting works, usage of theory of wood transportation, usage of theory of forestry-timber works, usage of theory of technology and equipment for wood processing, usage of theory of technology of forestry sawmill manufacture, usage of theory of technology of manufacture of joiner-building products, usage of theory of technology of manufacture of plywood and plates, usage of theory of technology of manufacture of blocks, usage of theory of technology of manufacture of furniture, usage of theory of technology of manufacture of matches, usage of theory of technology of manufacture of wooden container, usage of theory of technology of special wood processing manufactures, usage of theory of technology of pulp-paper industry, usage of theory of cognitive modeling technology in applications of forestry and wood processing industry; *the applied scientific researches in area "Applications of forestry economy"* – usage of theory of wood-economy biology, usage of theory of soil science, usage of theory of agriculture, usage of theory of wood-economy melioration, usage of theory of agro-chemistry, usage of theory of plant science, usage of theory of wood-economy plants protection, usage of theory of animal industry, usage of theory of veterinary science, usage of theory of preparation of wood economy production, usage of theory of hunting and hunting economy, usage of theory of forestry economy, usage of theory of economics and organization of wood economy, usage of theory of mechanization and electrification of wood economy, usage of theory of cognitive modeling technology in applications of forestry economy].

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