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THE FUNDAMENTAL SCIENTIFIC RESEARCHES BRANCH  
“COGNITIVE MODELING IN THE HISTORICAL-  
PHILOLOGICAL SCIENCES” (“OIFN”)  
OF “SIO "ACADEMY OF COGNITIVE NATURAL SCIENCES””

The developed “The fundamental scientific researches branch  
"Cognitive modeling in the historical-philological sciences”” (“OIFN”)  
treats to the fundamental 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 fundamental scientific researches branches 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 fundamental 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 fundamental scientific researches department  
"Theory of history and historical sciences”” (“SI”)  
*[the fundamental scientific researches in the area  
“Theoretical history and historical sciences” –*  
theory of general history, theory of history of Azerbaijan,  
theory of history of Armenia, theory of history of Belorussia,  
theory of history of Georgia, theory of history of Kazakhstan,  
theory of history of Kirghizia, theory of history of Moldova,  
theory of history of RF, theory of history of Tajikistan,  
theory of history of Turkmenia, theory of history of Uzbekistan,  
t h e o r y o f h i s t o r y o f U k r a i n e ,  
theory of history of the separate processes, parties and phenomena of human activity,  
theory of archeology, theory of ethnography, theory of historical anthropology,  
theory of auxiliary historical disciplines, theory of history of the separate countries,  
t h e o r y o f t h e c o g n i t i v e m o d e l i n g t e c h n o l o g y  
i n t h e t h e o r e t i c a l h i s t o r y a n d h i s t o r i c a l s c i e n c e s ].

Page 1 from 2 pages

“The Nobel committee” (The Kingdom of Norway and The Kingdom of Sweden)  
(it was submitted to “SIO "ACNS”” on the int. conf. “APMS and T: CA” on the 01<sup>st</sup>-31<sup>st</sup> of March 2015 y.)

II. “The fundamental scientific researches department “Theory of science of language, (cognitive) linguistics, literature, literary-science and oral national creativity”” (“SYL”) (\*)  
[*the fundamental scientific researches in the area “Theoretical science of language”* – theory of general science of language, theory of applied science of language, theory of languages of the world, theory of the cognitive modeling technology in the theoretical science of language; *the fundamental scientific researches in the area “Theoretical (cognitive) linguistics”* (\*) – theory of the general questions of (cognitive) linguistics, theory of (cognitive) linguistics, theory of applied linguistics, theory of the cognitive modeling technology in the theoretical (cognitive) linguistics, theory of the modified stratified-step model of understanding (cognitive linguistics) of the content of information fragments, theoretical bases of cognitive linguistics and the cognitive modeling technology in the technical, economic, physical-mathematical and other sciences, theoretical bases of the parametrical cognitive models block for the system analysis of the information-educational environments (the cognitive models of the subject of training and the means of training), theory of the ways of representation of the structure of the cognitive models and problem environments: the formal classical of the 0<sup>th</sup> generation (the logical and production models), the nonformal classical of the 0<sup>th</sup> generation (the semantic network, the frame network and ontology), the formal new of the 0<sup>th</sup> generation (the calculus of theory of sets and corteges on domains and the innovative calculus of theory of sets and graphs), the nonformal new of the 0<sup>th</sup> generation (the multi-level structural scheme and the multi-level encapsulated pyramids combining theory of graphs and theory of sets), the flat of the 1<sup>st</sup> generation (the cognitive circle and the cognitive disc), the volumetric of the 1<sup>st</sup> generation (the cognitive cylinder, the cognitive cone and the cognitive sphere), the flat and volumetric of the 2<sup>nd</sup> generation (the one-, two-, three-, four-, five- and more cognitive circle, cognitive disc, cognitive cylinder, cognitive cone and cognitive sphere), the hybrid of the 3<sup>rd</sup> generation (the combinations of the existing cognitive models), theory of the adaptive automation means of the information-educational environment (the basic and applied diagnostic module, the electronic textbook, the laboratory practical work, the electronic dean, the electronic library and others), theory of the technical means of support of the adaptive information interaction (the adaptive representation of sequence of information fragments processor, the question-answers structures sequence processing processor, the linguistic processor and other processors); *the fundamental scientific researches in the area “Theoretical literature, literary-science and oral national creativity”* – theory of literature, theory of history of literature, theory of national creativity, theory of the auxiliary literary-science disciplines, theory of the products of fiction literature, theory of the cognitive modeling technology in the theoretical literature, literary-science and oral national creativity].

The fundamental scientific researches branches and departments of “SIO “ACNS”” allow to develop the main and derivative scientific results of CMT.