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The features of the topology of organization of the integrational environment of "SIO "ACNS"", "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N.", "SF "SFA CMT" n. a. Prokopenko N.A." and ""SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A.""

the author of the unique cognitive modeling technology

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"AUT CMT SFA", acad. of (nat.) sci. ("SIO "ACNS"") Vetrov A.N. (see www.vetrovan.(spb.)ru) *is applied* developed by him the innovative topology of organization of the integrational environment of the private budget (PB) noncommercial organization (establishment) (NCO(E)) " T h e s t a t e i n t e r n a t i o n a l o r g a n i z a t i o n (S I O) "Academy of cognitive natural sciences"" ("SIO "ACNS"" – see www.acns.(spb.)ru), t h e m i x e d b u d g e t (M B) N C O (E) "T h e s c i e n t i f i c - r e s e a r c h i n s t i t u t e "System and financial analysis based on cognitive modeling technology" of "The Russian academy of (natural) sciences" ("RA(N)S") named after Veniaminov V.N." ("SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." – see www.sfacmt.(spb.)ru), M B N C O (E) "T h e s c i e n t i f i c f u n d "S y s t e m a n d f i n a n c i a l a n a l y s i s based on cognitive modeling technology" named after Prokopenko N.A." ("SF "SFA CMT" n. a. Prokopenko N.A." – see www.sfacmtfund.(spb.)ru) and MB NCO(E) ""The Saint-Petersburg exhibition centre named after Brezhnev L.I." at "The exhibition of achievements of science and technology named after Sobchak A.A."" (""SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."" – see www.eceast.(spb.)ru), w h i c h i s e f f e c t i v e "*acts as* at the same time the main *component* of the system of science, education and culture of the post-industrial country and represents inside the difficult distributed integrated international educational and scientifical cluster (the system of the diverse organizations) of the (difficult) system and financial analysis (at the microscopic level), i n c l u d i n g *t h e m a i n (h e a d) o r g a n i z a t i o n* " S I O "A C N S "" and the diverse (international) *subordinated and the partner organizations* in the sphere of *education* (the basic educational establishments, (virtual) universities, the federal, regional and local training (educational) centres and etc.), *science* (the academies of sciences, SRI – "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N." and etc.), *l i b r a r i a n s c i e n c e* (l i b r a r i e s, f u n d s, c a t a l o g s, a r c h i v e s a n d e t c.), *government* (The Presidents, The Governments, government bodies, parties, movements and etc.) *finance* (credit organizations, funds – "SF "SFA CMT" n. a. Prokopenko N.A." and etc.) *and others* (exhibitions and fairs – ""SPbEC n. a. Brezhnev L.I." at "EAST n. a. Sobchak A.A."", publishing houses, museums, labor-unions, hotels, job centres, the centres of rest, suppliers, shops and bases of raw materials, construction and installation, electronic systems, mail, communication, television and studios of photographers, insurance, examination and standardization, notaries and patent engineers, advertizing agencies, embassies and consulates and etc.) and also their various *(national) (foreign) branches and representations* in the country, region (constituency), area (edge, prefecture, volost or state) o r c i t y (p o p u l a t e d a r e a, v i l l a g e (a u l) o r s e t t l e m e n t)" (k – the codificator and (or) name of the country of arrangement (of (non)resident), i – the codificator and (or) name of the region of arrangement (of (non)resident), j – the codificator and (or) name of the area of arrangement (of (non)resident)), and also:

1) the potential possibility of association of the distributed diverse information-education and scientific environments (according to licenses) *was realized* [the information-educational (scientific) environments of the educational (scientific) organizations)];

1.1) the internationalization of information environments at the international level *is realized* ["SIO "ACNS""$_{kij}$ – the basic (head) scientific (educational) NCO(E), "SRI "SFA CMT" of "RA(N)S" n. a. Veniaminov V.N."$_{kij}$ – the basic scientific-productional NCO(E), "SF "SFA CMT" n. a. Prokopenko N.A."$_{kij}$ – the basic NCO(E) scientific fund, $(V)BEE_{kij}$ – the (virtual) basic educational establishment (organization) and $(V)SRC_{kij}$ – the (virtual) scientific-research centre (organization)];

1.2) the creation and association of the regional inf. environments at the regional level *is realized* [$(V)RSRC_{kij}$ – the (virtual) regional SRC (organization), $(V)RTC_{kij}$ – the (virtual) regional educational (training) centre (organization), $R(V)U_{kij}$ – the regional (virtual) university (organization) and $(V)RCC_{kij}$ – the (virtual) regional consulting centre (organization)];

1.3) the creation and modernization of the local information environments at the local level *is realized* [$(V)RSRC_{kij}$ – the (virtual) representation of SRC (organization) and $(V)RBEE_{kij}$ – the (virtual) representation of BEE (organization), $(V)CCSRC_{kij}$ – the (virtual) consulting centre of SRC (organization) and $(V)CCBEE_{kij}$ – the (virtual) consulting centre of BEE (organization)];

2) the double-circuit adaptation between the proficit and deficit subjects *is realized* [the individualization of the educational, scientific and cultural organizations of (non)residents];

3) the potential possibility of the distributed use of the information resources, products and services of the information-education environments *is realized* [the main kinds of the modern interfaces of interaction of the computer with the user (command, WIMP – Window Image Menu Pointer and SILK – Speech Image Language Knowledge), the operating systems by quantity at the same time solved tasks of the user (the single-task, multi-task and difficult multi-task operating system), by quantity at the same time working diverse users (the single-user, single-user with possibility of multi-user and difficult (with difficult authentication) multi-user operating system), by degree of autonomy / possibility of work in global or LAN (the local autonomous, simple network and difficult network), the analysis of possibilities of *the applied software is actualized*: the packages of applied programs of diverse appointment for the end user (for the automation of document-flow in the organization, translation of text in different languages, designing and calculations, design, modeling, statistical analysis and Data-mining), the applied integrated environments of processing and information security (for the automation of process of the processing audio- and video-stream and animation (pictures), the scanning of level of safety, the decrease of the level of virus danger and cryptography), the studying of possibilities of *the special software is caused*: the packages of service software for the end user on branches and the packages and means for the development of software and creation of relational DB (the integrated environments of development and debugging of programs and creation of banks and DB, debuggers, compilers, interpreters, development tools of DB, warehouses and file servers)].