ABOUT OF PROBLEM OF KNOWLEDGE OF THE ENVENRONMENTAL WORLD.

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There are questions on which the modern science does not give the due answer. Among them, in particular, can be allocated the following: 1). The essence of the phenomena of a course of an elecrocurrent in the explorers, dielectrics and in the linked circuit, magnetism, polarization in the radiation and polarizability of a substance can't be realised, 2). To understand the reasons, according to which the objects surrounding us exist, keep and change their body, 3). To carry out the instrumental definding of the structure of microparticles, waves and their structural formations and also of the questions of dualism in the measurements of physical processes connected with it (atomic and nuclear physics, and especialy concernes optics, mm-, IR-, and X-ray ranges of the lenghts of waves), 4). To get the principle decisions of a question about the discription of process of radiation and absorbing of radiation by a substance and separate particles, 5). To establish the reasons of a similarity and difference in the charecter and essence of oscillatory processes, especially, in case of display of resonances and transition of oscillatory process through phisical barriers and borders etc. Besides there is a number of disciplines, to whith are attributed all attributes of sections of science, but which they have never been (for example, psychology), or they have been lost during the development (for example, matherial research, including, structuremetry), for they have no, as it we now name, scientific basis. In the same time there are no essentially important problems in the description and use of models phenomena observed in logic, theories of sets, projective geometry, topology, bases of the classical mechanics used without elemets of friction, professional languages of dialogue and in chemistry. <u>How it's possible to explain it ?</u> Business in that that in these listed disciplines from the very beginning were fully enough developed: The symbol-sign basis, basis logic communications, and, that means, and combinatorica, determining possible and admitted properties of objects in the researched disciplines, conditions and communications formed by them, ostensibly full enough representing the character of display of the really observed world in them. <u>It's necessary to notice the following concepts:</u> a). **The observed world** - space of events, which we can observe by the means of sense organs and perceive through displays of the physical objects, full realized by as; b).**The physical world** - the actions of the shown objects in the world of events and conditions; c).**The world of events and conditions, space of action**; d).**The virtual world** - the display in us of events, action of which is forbidden in the observed world; e).**The hypotetically created world** - set of the shown, and not shown world, in which we exist, and also that is unavoidably derivated by them (or is destroyed) . Thus is pastulated, a duality of a condition of the man in the created spase: on the one hand, there is a certain inner world connected with our indivisible and isn't shown essence, where is no time, that's why a line of events "is registered" in Space, where the reasons and consequences are incorporated in a single units; on the other hand the display of our properties in the environmental world in us by the means of action. In the given classification essentially there is no mention of concept of time: it full fits in concepts both performeances of "adion" and "event" through scale factors of the vectors of transfering of actions, and it's indirectly taken into account in angles, discribing a direction of development of action.

The stated approach demands the reformation of all structure of thinking of developers. That's necessary to undertake to implement such approach: <u>first,</u> it's necessary to form the united simbol-sign system of the description of the objects of the world, environmental us, that will allow to represent and to describe them fully and similary (as whole and private) and also all their variety of virtual images, and after that; <u>secondary,</u> to create the united logic of the performance of events with allocation of the following sections: a). Logic of formation and developing of events of symbols and marks, b). Logic of transformation of objects and metrics, in which they exist ("topologica"). c). Logic of languages of discription of action, d). Logic of interaction of objects, subjects and their combinations. [Moscow, 7.01-22.02.2000]