

## PHYSICS OF THE MICROWORLD AND MENTALITY IN THE MODERN WORLD

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The modern natural sciences were formed during 90-th -XIX - 30-th - XX of century, when based on the knowledge about micro- and macrospace was created a united performance about variety of the environmental world, created of the combination shown in the experiments of particles and their influences, as "Bricks of the Universe". However, later, by the experiments were established the private and common facts, phenomena and events which don't go with the accepted model of the world. Also there was a question on an opportunity or necessity of change accepted **paradigma of natural sciences (PNS)**. So, by the method of spatial-temporary masking of particles [Doudkine K., 1978-98; see, for example, Works of a Conference "Hypothesis III", Spt, 1999, The Doudkine's report № 2], was received the result, allowed to make the assumption, that any microparticle was an "object of action" (OA), that doesn't have any physical properties in that sense, which is accepted now in the description of physical properties, i. e. it is a certain **generalized object (GO)**, continuously moving on a surface of **the microspere (MS)**, having the **critical sizes (CS)** and moving by rolling on a line of a trajectory to the point of the purpose of the movement. The "contact" interaction MS according to the laws of preservation of their spatial symmetry results in the topological transformation of their figures OA into **thoroids (thorsiones or T for short)**, the components GO of which synchronously and periodically move from there to there. To the essence it's the solenoid for OA, bringing together with it in the direction of an axis of symmetry T. It is a primary source for formation of nucleuses of atoms and atoms themselves. Its action is connected with soaking up others OA into its personal body along the axis of symmetry T, for example, the so-called electrons, orientation and synchronization (i. e. polarization) of a figure of spatial-temporary fluctuation of OA, by a parametrical principle caused by geometry and character of the mutual movement OA in T. Thus, any movement of particles and physical objects and their components, is represented as process of moving OA cooperating with each other, carrying the action in the direction of the movement of its own MS but not in the direction of movement of all body, from them consisting. Hence, **the pulse of action (PA)** of physical objects, is defined by cumulate action of all vectors of OA in the points of their individual "contact" with a body of feedback of a pulse of action. As the accepted by us Primary element of our Universe has no continuous linear moving in space, that, hence: 1). It's "time", has vector and multidimensional character and can be replaced with coordinates of moving "of physical object" (obviously, that the given reason concerns also for all physical objects consisting extremely from similar, but not equivalent to each other OA), and, hence, to time, as the independent physical phenomenon, does not exist, 2). From the point of view of the observer, "the physical process" in a direction of its development is perceived by him at the moment of crossing by moving OA of an axis of vision of the registrar. In rest time of crossing neither object of supervision, nor process with it connected does not come to light. Such artefacts are shown in any experiment constructed by us according to the accepted PNS: is observed only that "is seen" at the initial and final moments, but not the process in a continuous scale of times (frequencies, coordinates). However, given is connected extremely with development and fastening of features of perception of the environmental world during the time in the mentality of the man and carrying it in the world of our scientific performances, instead of the own intermittent of the real world. And, it's obvious, that the real world is filled with essentially large number of the displays, rather than that we can observe by the sense organs, devices and mechanisms adapted for principles accepted for our PNS. If it's correct, the overwhelming majority of means for getting knowledge about natural phenomena, is developed and is applied for researching the physical world imagined by us and does not represent the valid advantage for the further development of scientific outlook. In the view of spasmodic growth of the technical decisions, revolutionary remaking the character of life of mankind influencing all branches of human activity, is possible to expect in the immediate future of crisis as in the field of scientific knowledge, as in their technical and technological applications. In connection with stated, it's more probable than everything, the general crisis of PNS in the immediate future should be shown, first of all, in sharp growth of number heavy technological accidents of unrecognized of ethymology. [15-18.11.1999]