

ATTRIBUTES OF THE INDIVISIBLE PARTICLES THEORY

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At the author work "Model of the indivisible particles at closed system of simultaneous equations of the matter motion in pseudocurved space", St. Petersburg, 1995 the structured particle present as a lepton both hardon states and, forming the atom into continuous transitional its states in the time.

The theory is builded on foundation of exact empirical formulas and fundamental laws of the nature, and also the brand-new definitions of the mathematical physics, conforming to conception of the quantum-mechanical of the moving of the matter at angular measure and stipulating the solution of sixth Hilbert problem by axiomatic physics.

It is shown that reduced program of Hessenberg is realized to finish for two many-dimensional two-coherent worlds of the indivisible particles (IP) with two center at microcosm, one of which is immovable, and another is precessed at the concomitant system of reference (Ptolemyan system) jumpings (Newton's "step by step"), that in it turn is revealing Einstein's relativity theory as absolute unitary field theory of Colomb field quantum (CFQ), which put into prison Friedmann's sphere and they are moving at 5-superspace of torus without central hole (TWCH- the volume at Friedmann's model for expanding Universe) with constant vectorial velocity is equal the velocity of the light waves in Euclidean space.

Nonrelativity physical values, produced through one variable integral number parameter, determining nonfissionability three-unity geometrical, statistical and quantum regularity to microcosm, is stipulated similarity movement of the scattering center (SC) of IP at microcosm with movement of SC CFQ by noneuclidean geometry at Euclidean space and also tautology notions measure of the units length and time at Euclidean space.

Thus closed consistent regular system of equations full self-consistent unitary theory of the physical interactions, including all fundamental physical values, Planck's length and mass, and also precision empirical formulas, describing everything possible data of the observations, to number which is relevant g-factor of electron (Lande's factor), measured with an accuracy to 11th sing of the number at "g minus 2" experiment, is accepted.

The closed consistent regular system, in which the links are an precision empirical formulas with single argument in the form natural numbers, is producing the hard determinate framework of the theory, excepting a deflexion of physical values of IP from their true values by proposed conditions. Therefore to repeat the measured value at experiment it is necessary to maintain accurately elementary conditions, including the speed of movement of the laboratory (concomitant) system of reference.

In the revealed model of IP, presented at Ptolemyan system for a lepton by means of epicycloid and for an antilepton (hardon) by means of hypocycloid, where Debye radius (v. fig.) is the radius of directing circle and the radius of generating circle is the radius of precessional motion SC IP, that is with Maxwell's "pinions", Newton's "step by step" (for explanation the wave process into the corpuscular model of the light by Newton) and Bernoulli's brachistochronic with Siegbahn's changeable parameter (Lorentz-invariance), Kepler's second-law as a matter of fact expresses the energy conservation principle. Besides at macrocosm the energy exchange is not what another as the phase difference exchange into the motion of CFQ IP (exchange of the states IP to interaction object of the Nature, conditioned the value of lepton fine structure constant-the constant for concrete state IP).

The similarity law of motion SC CFQ into the superspace with the motion SC IP into the microcosm is conditioned formation of the microcosm, distinguished from TWCH of superspace only the scale $M_c = 2.582054618 \cdot 10^{49}$. From here it follows, that if all the particles of observed Universe, the number which by Dirac appraisal would form $4 \cdot 10^{79}$, to dispose into the microcosm one IP, that even in this chance the space of microcosm will be introduced nearly empty and consequently the disintegration of cosmic rays, appearance supernova and "Big explosion" of Gamow are an appearances of the Nature, distinguishing the number of IP into the TWCH microcosm.

Hence also it follows that into the microcosm IP can be formed the complex digital control computer of the alive matter, as IP is the unique natural computer, is the operating only the number of natural row, besides the prime numbers here plays a leading part (dichatome of Zenon the natural computer rejects).

At the same time IP is possessed the optical channel of communication, which in the time of flip the spin in field transition epicycloids to hypocycloid maybe split for gravitational and acoustical channel of communication between IP both into the mater and physical vacuum (aitber).

Thus the postulate on constancy of the speed motion of CFQ IP into the homogeneous and isotropy (Euclidian) space none demands of the additional properties of the matter and the primary push for its total description on all the levels of the structure of the matter. For example, T. Kaluza at the work "To the problem of the unity physics", 1921 showed, that Einstein's theory and Maxwell's electrodynamics theory one may to unite at 5-dimensional space, which is coded, as it is maked clear, clear, to the Great Fermat's Theorem in the following way: the square-law metric of 5-dimensional superspace, created the square-law metric of motion of the matter into the space with 4 dimensions at Euclidean space with 3 dimensions of the square-law metric, that is the equality $5^2 = 4^2 + 3^2$ both at the mathematics and the nature, is single form existence of self-transforming from the angeles of turn at acts of interactions of structure elements of matter IP.

This realizability of attributes of IP is opening the way to decision any problem of the natural scientist, including the problems of gerontologic. In this one may be convinced by following an example. At the book of M. Ichas "On the nature of alive: mechanisms and sense", M., "World", 1994, p.150 is reduced the table of population genetikos for the frequency of zygote with the variety genostypos:

(+)-allelos- 0	1	2	3	4	5	6	7	8
zygote- 1	8	28	56	70	56	28	8	1

This numbers one ma to interpret, in so far as g-factor and anomalous addition of magnetic moment ΔK_μ are presented the empirical dependence across the frequency of spin flip v_s and the syclotron frequency v_c in the form: $\Delta K_\mu = K_\mu - 1 = \frac{g-2}{2} = \frac{v_s - v_c}{v_c}$. Besides the anomalous coefficient of magnetic moment IP at the relative units of

Bohr magneton in the power 8 (the number 8 at present theory is expressing the number of structure elements IP) is introduced so: $K_\mu^8 = (1 + \Delta K_\mu)^8 = 1 \cdot \Delta K_\mu^0 + 8 \cdot \Delta K_\mu^1 + 28 \cdot \Delta K_\mu^2 + 56 \cdot \Delta K_\mu^3 + 70 \cdot \Delta K_\mu^4 + 56 \cdot \Delta K_\mu^5 + 28 \cdot \Delta K_\mu^6 + 8 \cdot \Delta K_\mu^7 + 1 \cdot \Delta K_\mu^8$

From here one can see that the number (+)-allelos is expressing the power of anomalous addition ΔK_μ , and the number of zygote this is coefficients of the poweral row.

The chance of coincidence these number is excepted, as here the formulas of genetikos and indivisible particles theory is founded on the empirical dependences.

In so far as $\Delta K_\mu = K_\mu - 1$, then the last item at the analysis of poweral row will be contained parameter K_μ^8 , that permits to continue its analysis to infinity. In this probability is hiding the mechanism of alive Nature, in view of that fact, that IP presents the NATURAL COMPUTER.

Now as to the sence of alive Nature, the answer to this question can to give probability only NATURAL COMPUTER.