

Conclusion. Table 12.

#	Result	Comments
0	The algorithm declared in "Significant comments" in Table 1 in items 6 to 10 inclusive has been successfully implemented in the presented program code.	Tests are presented
1	Neutron test This allows me to assert that there is no "anomalous magnetic moment" effect for the neutron Therefore, the Dirac equation is valid for the neutron 100% coincidence of the data obtained by the program according to the algorithm with publicly available experimental data.	The neutron charge = 0
2	Proton test 100% coincidence of the data obtained by the program according to the algorithm with publicly available experimental data.	1.602176634e-19
3	The excess of the value of the new proton charge on the charge of a proton, %	13.043478260869549
4	The magnitude of the charge of the new neutron modulo The new neutron has a magnetic moment. Dirac's equation is true again.	2.403264951e-20
5	The "u" and "d" quarks have "twin" quarks, a new "u" quark and a new "d" quark.	new quarks - Table # 2, quarks - Table # 7
6	Electric charges on the inner shells of quarks "u" and "d" are opposite, on the outer shell they have the same sign.	Graph # 1, Values for mass, electric charge, volume are given in the tables: "u" - Table # 8 "d" - Table # 9
7	The charges of the new quarks have the same sign in the inner and outer shells	Graph # 2, Values for mass, electric charge, volume are given in the tables:

		new "u" - Table # 3 new "d" - Table # 4
8	The middle shell of the "u" and "d" quarks has a negative mass.	Graph # 3
9	The shell of new quarks only has positive mass.	Graph # 4
10	It was modeled and calculated that a proton, a neutron, a new proton, a new neutron each have 9 inner shells.	proton - Table # 10 neutron - Table # 11 new proton - Table # 5 new neutron - Table # 6
11	The deltas for the shells between the masses of the neutron - proton and new neutron - new proton are calculated	Graph # 5
12	The values of the masses of the proton, neutron, new proton, neutron by shells for the first phase of the cycle are calculated. The data demonstrate that a proton, a neutron have negative masses on some shells, and a new proton, a new neutron have positive masses for all shells. Consequently, a proton, a neutron have a long lifetime. The new proton, the new neutron, have a short lifetime.	proton - Graph # 6 neutron - Graph # 12 new proton - Graph # 18 newneutron - Graph # 20
13	New particles that carry electric charge are presented.	I named them microplus and microminus.
14	The magnitude of the electric charge microplus and microminus (C):	2.6702944e-21
15	Microplus and microminus mass (Kg):	1.518230622602297e-32
16	Volume microplus and microminus (cbm):	8.726646292652101e-66
17	Several histograms are presented showing the delta between particle masses for different phases	The movement of charged particles is taken into account, only. Graph ## 7-10, 13-15

of the shell cycle.

18 Several histograms showing the particle volume for the first phase of the shell cycle will allow everyone to better understand the structure of the particles.

19 Changes in the magnitude of the electric charge over the shells for the first phase for a proton and a neutron, a new proton and a new neutron clearly demonstrate the differences in the distribution of the electric charge.

20 Changes in the magnitude of the electric charge over the shells for each phase of the particle cycle shows changes in the distribution of the electric charge.

21 3D models of the distribution of electric charges of particles have an identical shape

22 Regardless of the type of particle, combination of particle characteristics, combination of fundamental interactions for them in 3D form, I got one or more connected triangles.

23 For visualization, it is proposed to present a three-dimensional pyramid with a rectangular base, in which each edge corresponds to one of 5 fundamental forces or mass, charge, volume.

19, 21, 22

Graph ## 11; 17; 23

Graph ## 24, 25

Graph ## 26, 28, 30, 32
The new proton has 5 phases in a cycle, the rest of the particles have 4 phases.

Graph ## 27, 29, 31, 33
There is a difference in dimension between the new proton, the new neutron and the proton, the neutron.

Graph ## 34-45
The result obtained suggests that the relationship of the fundamental forces of nature, including field Higgs, mass, charge, size, can be represented as a spatial pyramid 8 order.

Placing 5 fundamental forces, mass, charge, volume in accordance with the edges of the pyramid creates a vision of the possibility of combinations.