

Data obtained during the implementation of the algorithm. Table 2.

#	Description	Design data
1	Proton core volume	5.096501042163595e-47
2	Neutron core volume	1.5053255358940835e-46
3	The volume of the inner shell of the proton	8.538136738122234e-46
4	The volume of the outer shell of the proton	1.5779340253038514e-45
5	The volume of the inner shell of the neutron	7.54246130644451e-46
6	The volume of the outer shell of the neutron	1.2398819006167702e-45
7	Proton core mass	1.5220859505579002e-27
8	Neutron core mass	1.5241840232164e-27
9	The mass of the inner shell of the proton	8.145440189495023e-29
10	The mass of the inner shell of the neutron	9.170041319987124e-29
11	The mass of the outer shell of the proton	6.908157123714968e-29
12	The mass of the outer shell of the neutron	5.904306162372878e-29
13	The electric charge of the new quark core "u"	1.869206073e-19
14	The electric charge of the quark nucleus "u"	2.67029439000000002e-20
15	The electric charge of the inner new quark shell "u"	-1.04141481210000002e-19
16	The electric charge of the inner quark shell "u"	5.607618219e-20

17	The electric charge of the outer new quark shell "u"	2.4032649510000003e-20
18	The electric charge of the outer quark shell "u"	2.4032649509999997e-20
19	The mass of the new quark core "u"	4.751102128602164e-28
20	The mass of the quark nucleus "u"	4.652792049382956e-28
21	The mass of the inner new quark shell "u"	2.261884196272154e-29
22	The mass of the inner quark shell "u"	2.241134027122145e-29
23	The mass of the outer new quark shell "u"	5.904306162372878e-29
24	The mass of the outer quark shell "u"	6.908157123714968e-29
25	The volume of the new quark core "u"	5.240609387842272e-46
26	The volume of the quark nucleus "u"	-2.5161085375770723e-46
27	The volume of the inner new quark shell "u"	-8.236878946594002e-46
28	The volume of the inner quark shell "u"	-3.860682268045468e-46
29	The volume of the outer new quark shell "u"	1.2398819006167702e-45
30	The volume of the outer quark shell "u"	1.5779340253038514e-45
31	Matrix of the proton + neutron for calculating the values of the quarks "u" and "d".	[[2 1 1 1 1 0] [0 1 0 0 0 1] [0 0 1 0 0 0] [1 1 0 2 1 1] [0 0 1 0 1 0] [0 0 0 0 0 1]]
	The first column shows the quantity for the "u" quark core.	
	The second column shows the amount for the inner shell of the quark "u".	

	The third column shows the amount for the outer shell of the quark "u".	
	The fourth column shows the quantity for the "d" quark core.	
	The fifth column shows the amount for the inner shell of the quark "d".	
	The sixth column shows the amount for the outer shell of the quark "d".	
32	Matrix of the new proton + neutron for calculating the values of the new quarks "u" and "d".	[[2 2 1 1 0 0] [0 0 1 0 1 0] [0 0 0 0 0 1] [1 0 0 2 2 1] [0 1 0 0 0 1] [0 0 1 0 0 0]]
	The first line is the core of the new proton.	
	The second line is the inner shell of the new proton.	
	The third line is the outer shell of the new proton.	
	The fourth line is the core of the new neutron.	
	The fifth line is the inner shell of the new neutron.	
	The sixth line is the outer shell of the new neutron.	

Values of electric charge, mass, volume by shells for the new proton.

Table 3.

#	Charge sym.	Charge in Cl	Mass sym.	Mass in kg.	Volume sym.	Volume in cbm
1	pq1	1.869206073e-19	pm1	4.751102128602164e-28	pv1	5.240609387842272e-46
2	pq2	-1.0414148121000002e-19	pm2	2.261884196272154e-29	pv2	-8.236878946594002e-46
3	pq3	1.869206073e-19	pm3	4.751102128602164e-28	pv3	5.240609387842272e-46
4	pq4	2.4032649510000003e-20	pm4	5.904306162372878e-29	pv4	1.2398819006167702e-45



Values of electric charge, mass, volume by shells for the neutron.

Table 6.

#	Charge sym.	Charge in Cl	Mass sym.	Mass in kg.	Volume sym.	Volume in cbm
1	nq1	2.67029438999999996e-20	nm1	4.7741578721021635e-28	nv1	1.8600881409714626e-46
2	nq2	-1.0414148121e-19	nm2	2.2618841962721558e-29	nv2	-8.236878946594004e-46
3	nq3	2.67029439000000002e-20	nm3	4.652792049382956e-28	nv3	-2.5161085375770723e-46
4	nq4	2.40326495099999997e-20	nm4	5.904306162372878e-29	nv4	1.2398819006167702e-45
5	nq6	5.607618219e-20	nm6	2.241134027122145e-29	nv6	-3.860682268045468e-46
6	nq5	2.67029438999999996e-20	nm5	4.7741578721021635e-28	nv5	1.8600881409714626e-46
7	nq7	2.40326495099999997e-20	nm7	6.908157123714968e-29	nv7	1.5779340253038514e-45
8	nq8	-1.0414148121e-19	nm8	2.2618841962721558e-29	nv8	-8.236878946594004e-46
9	nq9	2.40326495099999997e-20	nm9	5.904306162372878e-29	nv9	1.2398819006167702e-45

Mass, electric charge and volume of the smallest particle carrying electric charge.

Table 7.

#	Description	Design data
1	Electric charge	9.027796614315168e-36
2	Mass	5.1328712618966e-47
3	Volume	2.9503259453108798e-80