

Quarks 'u' and 'd', proof of the algorithm. Table2

#	Name	Comments
1	Part of the matrices for calculating quarks xq13, xq16, xq17, xq18	Matrix inverse metrics do not exist
2	S to P conversions	Mathematical conversion of neutron to proton
3	The proof of the algorithm:  At the input, the magnitude of the electric charge of the proton, neutron in the shells.  Output: The magnitude of the electric charge of quarks in the shells. The discrepancy with generally accepted experimental data:	%
4	Quark 'u'	{0.0}
5	Quark 'd'	{8.326672684688674e-15}
6	Quark 'u2'	{0.0}
7	Quark 'd2'	{-8.326672684688674e-15}
8	THE ELECTRIC CHARGE of a quark:	Coulomb C
9	quark core 'u':	{2.6702943900000002e-20}
10	inner quark shell 'u':	{5.607618219e-20}
11	outer quark shell 'u':	{2.4032649509999997e-20}
12	Total quark charge 'u':	{1.068117756e-19}
13	quark core 'd':	{2.6702943899999996e-20}
14	inner quark shell 'd':	{-1.0414148121e-19}
15	outer quark shell 'd':	{2.4032649509999997e-20}
12	Total quark charge 'd':	{-5.340588779999999e-20}

16	quark core 'u2':	{1.869206073e-19}
17	inner quark shell 'u2':	{-1.0414148121000002e-19}
18	outer quark shell 'u2':	{2.4032649510000003e-20}
19	Total quark charge 'u2':	{1.0681177559999997e-19}
20	quark core 'd2':	{-1.3351471949999999e-19}
21	inner quark shell 'd2':	{5.607618219e-20}
22	outer quark shell 'd2':	{2.4032649509999997e-20}
23	Total quark charge 'd2':	{-5.340588779999999e-20}