

1 -----BEGIN PGP SIGNED MESSAGE-----
2 Hash: SHA1
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4 Roger Voss June 07, 2003 11:19:35 PM
5
6 The Quark Explanation For Inflation Of The Early Universe
7 (Why There Is An Anti-gravity Force)
8
9 Say that you want to design yourself a working universe. You'll need
10 the electric force for molecular chemistry so that your universe can
11 team with complex life. The electric force follows the rule of like
12 charge repels and opposite charge attracts. That provides the basis
13 for the atom, molecules, and ultimately complex cellular life based on
14 hydro-carbon, etc.
15
16 Oh, because of the issue of the electric force following the rule that
17 like charge repels, you'll need a nuclear bonding force to hold
18 protons together within atomic nuclei. But that's the only situation
19 it needs to exert itself.
20
21 Of course you need an over-arching attractive force so that all the
22 stuff of the universe will tend to lump into galaxies, stars, and
23 planets. You need gravity. During the normal lifetime and operation of
24 the universe the mutual attractive behavior of the force of gravity
25 should predominate. We'll dub the attractive form of gravity as
26 positive gravity.
27
28 Now during a special episode in the early formation of the universe
29 you also need a repulsive form of the gravity force - anti-gravity or
30 negative-gravity, so to speak. This is so you can induce an initially
31 very rapid expansion phase of the primordial universe. But after
32 inflation does its thing, you need this phase of the universe's
33 behavior to sort of tuck itself out of the way. You then want the
34 mutual attractive force of gravity (positive-gravity) to rule the
35 show.
36
37 So given these different types of force behavior that your universe
38 requires, you decide to design your universe to consist of fundamental
39 elemental particles called quarks. These quarks will be the entities
40 responsible for giving expression to these various types of force that
41 your universe needs for its operation.
42
43 Starting out, your universe is at an extreme energy level and it is
44 all elementary quarks. But things start to cool down quickly as soon
45 as you press the return key and your universe program starts running.
46 The negative-gravity quark does its thing by inducing that necessary
47 but brief stage of inflation. But as the universe begins to cool, then
48 matter starts to reorganize. One type of quark is left running around
49 out in the open (the electron quark). But the other kinds of quarks
50 all coalesce into a little mini quark molecule called the proton. As
51 the energy of the universe begins to diffuse to a lower temperature,
52 the proton becomes an extremely stable entity in this regime.
53
54 Now occasionally the electron quark gets roped in with the proton gang
55 of quarks and that resulting mini quark molecule is dubbed a neutron.
56 The net expression of the electric force of the neutron when the
57 positive electric quark and the negative electric quark (the electron)
58 become bound in such close proximity is electrical neutrality.
59
60 In a somewhat similar fashion, this is also how you dealt with the
61 negative-gravity quark. By binding it into the proton with other
62 quarks, the resulting bias of the proton (remember - it is just a mini
63 quark molecule of sorts) ends up being predominated by positive
64 gravity. So during the remainder of the life time of the universe,
65 there your little negative-gravity quark remains - safely bound up to
66 where he can't do any mischief. Yes, his role in inducing the initial
67 inflation of the universe was important, but it was just a temporary
68 gig. After that he needs to basically go park himself and stay out of
69 the way as the universe proceeds to do its thing of forming galaxies,
70 stars, and planets.
71

72 Now think of the mini quark molecule of the proton as somewhat like
73 molecules that are composed of atoms - but much smaller, of course. It
74 has a definite shape to its assemblage and that geometric assemblage
75 is in constant random movement of spin, etc. But what if these protons
76 were to all be brought into lock step with each other? What if their
77 "molecular" geometry, spin, and energy level were to become
78 coordinated, say, in the fashion that photons are brought to coherency
79 in a laser?

80
81 This "vortices rotational coherence" of the proton mini quark
82 molecule, if induced, will cause the negative-gravity quark to align
83 in coherence with its fellows residing in other protons. The coherency
84 of alignment then amplifies the force effect of the negative-gravity
85 quark beyond the proton or cluster of protons in a manner similar to
86 the magnetization of an iron bar. As long as the coherency remains
87 induced, the negative-gravity bias at a macro level of expression
88 predominates. When coherency ceases, then the protons resume their
89 normal random ways and positive gravity bias as a net effect of the
90 proton reasserts itself.

91
92 Obviously only very special circumstances will cause such coherent
93 alignment of the negative-gravity quark to come about. In normal
94 operational process of the universe it won't happen. It turns out that
95 the resonant characteristic of crystalline molecules is one of those
96 special circumstances. Resonance occurring at the molecular level can
97 be coordinated with a resonant energy induction into the atomic nuclei
98 where the protons reside. Just as in the operation of a laser,
99 resonance is used as the mechanism to bring about coherency.

100
101 So when the intelligent life forms of your running universe program
102 need to lift some big boulders or blocks of rock consisting of such
103 naturally resonating crystal, exposing the bias of that old
104 negative-gravity quark locked away in the proton will be how they save
105 themselves a lot of fuss and muss.

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108 Version: PGP for Personal Privacy 5.5.3
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