

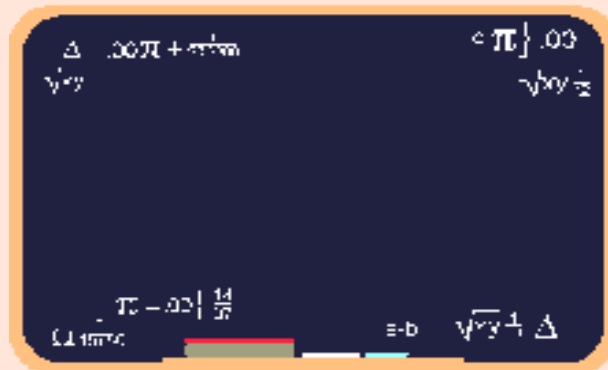
NOTHING in present science has prepared us for this **ANSWER!**

Issued: July 10th 2018.

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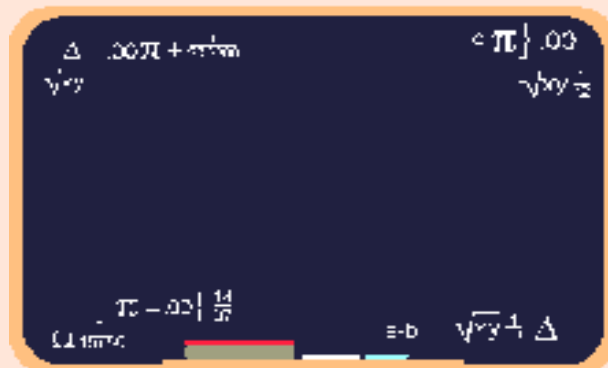
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Wrote this one 7 years ago & it's been on the internet since then.

# Determining mass via SCATTERING

The problem with determining quark mass via scattering (*the only way we presently can obtain quark mass*) is that we get the **reverse** of what we should.

For instance: the proton is composed of two up quarks and one down quark.

Via scattering, an up quark shows a mass of  $0.004 \text{ GeV}/c^2$ .

Via scattering, a down quark shows a mass of  $0.008 \text{ GeV}/c^2$ .

Yet the proton that is composed of two up quarks and one down quark has more than fifty times the mass of all three or  $0.938 \text{ GeV}/c^2$ .

This is an impossibility because the strong force binding energy equivalent in mass subtracted from the combined mass of the three quarks, *as unbound individuals*, must exactly equal the mass of the proton. It doesn't. In fact, we get an entire **reversal** of what we should have.

Scientists are puzzled, therefore, by these extremely low mass indications for the up and down quarks that build both the proton and neutron.

An **answer** to this would be that the different quarks have at least two different spin frequencies and these spin frequencies -- when they appear near the proton's (or neutron's) radius -- combine to form a much lower harmonic frequency that is the same as the electron spin frequency.

Not only would this **answer** solve the problem of these low mass readings but it would also show us the reason for the quantity  $c^2$ .

Would it also give us what Einstein searched for -- the frequency of gravity?

For more about all this see: <http://www.amperefitz.com/assymfree.htm>

Be sure to read: <http://www.amperefitz.com/acceleratingexpandinguniverse.htm>

See this short, clear picture: <http://www.amperefitz.com/principle-of-equivalence.htm>

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February 16, 2010

[Daniel P. Fitzpatrick Jr.](#)