

To mathematical physicist Tony Bermanseder:

[DPFJr](#) Thank you, thank you, thank you for all this.

I'll interleave:

TB stated>You must define your terms, before doing mathematical analysis.

Why do you single out the green-down quark?>

Fitz replied: Because, in a hydrogen atom, for instance, the electron is mirroring a single entity and there is only one green down quark in the proton so I'm assuming the electron is mirroring it.

TB stated>What do you mean with scalar frequency?>

Send your mailing address to zeusrdx@Yahoo.com and I'll mail you one of Milo Wolff's books (I've got an extra of one of them). **Replied Fitz**

TB stated>Taking an electron mass to be at 0.51 MeV, the effective electron/up-quark mass-ratio calculates as 0.021 or about 1/48.

The down-quark would be so 58 times more energetic as the electron base and the strange-quark 287 times as such.

So your stated Wolff-frequency (scalar) for the quarks are not square those of the electron with respect to their measured energy content.>

Fitz said: Yes, I understand this. I'm simply saying, outside the proton, "the quark to distant quark quantum units of binding energy (gravity & inertial mass) is the square of the quark to electron quantum units of binding energy (that hold the electrons in their respective orbitals)."

Remember, nothing is at rest. Everything is moving on geodesics determined by their same frequency Machian surroundings and even though you are correct that motion does NOT exist, I'm afraid if we want our minds to catch an Occam's razor glimpse of what is really going on then we MUST bring in motion and geodesics for everything and we must use Ampere's Laws simply because they are the only universal laws that I know about that can be used in both the macrocosm and microcosm as well.

Once that's done we can state that "energy is any binding change."

"A geodesic path" is being determined by a binding energy balance between the same frequency surroundings and the material which is being orbited.

A binding energy change either way is going to upset this balance and therefore the geodesic path.

Energy is produced with ANY different type of Binding.

That's the BEST definition of what energy is all about.

(Tony Berdanseder's writing in **black**)

(Fitzpatrick's writing in **blue**)

TB stated>So your stated Wolff-frequency (scalar) for the quarks are not square those of the electron with respect to their measured energy content.

I presume, you mean an internal quarkwave-state, de Broglie phase related.

Your heterodyne eigenresonator must be bounded by the superbrane parameters however, as those define Re and the electronic properties.

So you are seeking a finestructure for the manifested quark-lepton hierarchies.

Fitz said: You are correct here. I was wrong. I ran my mouth or typing fingers before putting my mind into gear. So please forget this and see above definition AGAIN "*the quark to distant quark quantum units of binding energy (gravity & inertial mass) is the square of the quark to electron quantum units of binding energy (that hold the electrons in their respective orbitals).*"

TB stated>Your h is the Action Quantum (in units Js); which reconstitutes the Modular Time in the identity [hxModular Time=Energy]; Modular Time being the scalar frequency.>

DPFJr Exactly and I believe Milo Wolff sees this as well.

TB stated>All this is true, but only indirectly linked to the quark-spins which you are seeking to finestructure.

Space is indeed frequency conscious, because of the natural SourceCurrents, as given in the above.

They also relate to the unitisation of resistance/impedance in the magnetic constant/electric constant ratio which is dimensionless in the definition $(120\pi)^2$.

And the Maxwell-Constant of course defines c^2 in the inverse production of those two finestructure constants.

Fitz then stated: Let's first return to this AGAIN: "*the quark to distant quark quantum units of binding energy (gravity & inertial mass) is the square of the quark to electron quantum units of binding energy (that hold the electrons in their respective orbitals).*"

Yes, if we could finestructure the quark to distant quark energy then it would indeed fit right in but I'm afraid this is beyond the Weyl limit. Wouldn't it be?

One thing this does predict is that the smallest gravitational/inertial quantum should be h squared.

Then Fitz added>Our superheterodyne oscillator, at the h momentum frequency, gives us our spacetime picture.

Now back to TIMEFRAME:

As you stated the quark is at a higher energy/higher frequency but will be seen by us and even a portion of our math as in the same timeframe.>

To which TB replied>I do not understand your proposition properly here. There is only the one timeframe, which could however become subject to finestructure, due to the de Broglie phases within the wormhole.

Only after the wormhole parameters have been dilated, can the Holographic Principle of the scale relative cosmos engage itself.

In my posts I have associated higher spin of nuclear resonances with higher energy.

This is simply the addition of VPE in higher vibrational eigenstates; similar to electron levels in the atom.>

To which Fitz stated: Yes, I have no argument with this.

Yes, the finestructure is only for us in our timeframe.

The finestructure is only EVIDENCE of something going on in other time frames. It is not really good and sufficient evidence of what's going on there either but it's the only evidence we have. Quantum theory implies much from that evidence the same as I imply much from Ampere's Laws which actually will dilate the wormhole

parameters as far as giving us an approximate big picture BUT still cannot eliminate the wormhole parameters as far as the math goes.

But even this is better than nothing, which we are using now. It can be used to check faulty math roads and give you a big picture approximation too. This IS Occam's razor and Dirac's prediction rolled into one.

TB stated>The c^2 constant is a superbrane parameter and because of the dualities can appear dimensionless; such as in the Microscale of 9 microns being a simple magnification of the wormhole perimeter ($\times c^2$) as the infrared unification and the atmospheric window where the infrared radiation is not absorbed by water molecules.

This also relates to the inversion of c as proposed by POAMS and others in the modular duality of gravitational radiation to electromagnetic radiation.>

To which Fitz stated: Which I'm still digesting. BUT Thanks for teaching me all you have about your string theory world. I've still got a lot to learn. I certainly hope all these string theory 101 College kids will read all your posts at <http://h.webring.com/hub?ring=quantumrelativit> which is now on my website consolidating all your prolific lion's den work.

btw my server statistics show they ARE reading them.

z ([Daniel P. Fitzpatrick Jr.](#))

Why $E = mc^2$

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