

The Orch OR theory of consciousness and the amplitude compounding harmonic multiplier

Is there a connection? Is the universe alive, conscious, and then another question—why are we? If we understand the principle of connectivity is there practical benefit? I am a firm believer in the notion that science has become specific beyond intelligibility, while at the same time it has developed sufficient depth to finally answer the most basic and pressing problems of physiology, psychology and physics. I want to share two new ideas. New ideas are my addiction. I have one from a brilliant physicist, and one which may, make vital practical use of that theory.

I was addicted to many unhealthy things, and now I am addicted to new ideas. I wish to encourage you in the strongest possible terms to read Penrose and Hameroff's "Orch OR" or orchestrated objective reduction theory of consciousness.

<http://www.sciencedirect.com/science/article/pii/S1571064513001188>

It is an astonishing theory, astonishing because it may be true, and provides a connectivity which is available only within the confines of spiritual doctrine. Here, science prevails, the micro and macro are at last a matter of unity. Quantum processes themselves may yet be experimentally demonstrable as the underpinnings of consciousness, inspiration, and even save the idea of free will, by allowing a 500ms window in each perception which is temporally quantum in its directionality—as an electron/positron for Feynman—an electron which becomes a positron by moving backwards in time. Really, you should read it—it is so beautiful... and just plain amazing.

The notion is that consciousness itself is a product of quantum processes, the lowest level from which consciousness and thought arise is a quantum effect, a mechanical vibrational effect created in micro tubules which underlie consciousness and connect the entire mind/brain together in a functional unity. Here, the quantum creates the classical. Entangled states which decay into classical informational definition are the sub-mechanic which underly consciousness. Gravity, which is incredibly weak at these scales is key, and contains the "energy uncertainty" (p. 59) in a form dilute enough not to affect the process, which is insulated from external influences by hydrophobic properties of the structures of the folded proteins. In this way, quantum processes are the basis of neural processing and are seen to functionally operate as an informational processing mechanism at temperatures well above absolute zero! Yes! I do encourage you to read the theory!! The universe itself is a proto-consciousness of sorts, a quantum pre-cognitive structure! Amazing! The idea is complete with experiments to test it, and math too! Time may well tell us that we are instantiations of quantum theory, not just in the sense of being composed of virtual particles as "holograms" but our thinking too!

Now for my new idea. If this is true, if it works, it may well spell the end of want from lack of energy—I wonder how many times this idea has already be bought up by some monstrous oil company—50?—100? I can not be the first to have seen it! The recent

Penrose paper is months old, and the idea has been around for 20+ years. So here is the notion: In the 2014 *Consciousness in the universe A review of the 'Orch OR' theory* linked above, we find the following on page 63: "proteins involved in photosynthesis [123,124], these being thought to be mediated by coherent protein mechanical vibrations [125], very similar to a mechanism proposed by Fröhlich over 40 years ago, and to the mechanism we propose here in tubulin." And on page 68: "*Anirban Bandyopadhyay's group has found coherent gigahertz, megahertz and kilohertz excitations in single MTs*" If these statements are true, and they appear to be, a source of pollution free power may be constructed to harness the energies of the vacuum.

The amplitude compounding harmonic multiplier:

The amplitude compounding harmonic multiplier is an idea for a simple device which uses frequency phase synchronized additive compounding of amplitude to harvest energy from mechanical quantum vibratory resonance in microtubules. The unit is composed of two functional sections:

1. The harmonic generator: As there is an inverse relation between the size of an object and its rate of wave function collapse, an object composed of microtubules is artificially constructed to specific proportions calculated to create the correct mass and systemic intra-connectivity so as to yield coherent vibrational output [beat frequencies] in a usable frequency range.
2. Attached to the output of the frequency generator is the compounding harmonic multiplier. The principle is that of a mechanical "mnemonic" retention (sustained resonance) created via organized sympathetic vibration, and phase aligned amplitude extension. A thin metal plate, or thin wire under tension [perhaps constrained, simplified in its vibrational complexity by a magnetic field], constructed to specific dimension to vibrate in precise time with the frequency of the generator will act as a short term store, a mechanical memory if you will. As phase alignment is maintained between the resonant surface and the output from the generator, the amplitudes compound to form a wave of greater and greater energetic proportion by function of compounded amplitude. The accumulated energy is then harvested by way of a magnetic field, or mechanical extraction which removes a portion of amplitude, while leaving frequency stable.

Although the engineering is sure to be challenging, the reward is greater by a thousand-fold. Free energy from the vacuum at room temperature. The energy density of the vacuum and its constant Planck scale fluctuations are everywhere. Perhaps now, Penrose and Hameroff have brought us far enough, that we can swim to the other shore. Perhaps now, we are ready.

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