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Hybrid Light-Matter States or Something Else?

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Editorial- In the journal Physics Today of May 2021, an article was published on p. 42 “Hybrid Light-Mater States” [1]. It was found in the 1970s that “optical cavities could modify the spontaneous emission of photons from excited atoms (in solid state) by either enhancing it or suppressing it.” But on p. 44, the authors just mentioned that recent findings in condensed matter (solid states) showed that their properties could be modified in cavities without light. This means that even when light was not present there was still a coupling of the cavity mode (without light) with the molecular vibrational transitions of the solid state in the cavity, and this had remarkably strong effects on the chemical reactivity of the solid state. The authors did not offer any explanation of this, but we mean to explain it here.

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Hybrid Light-Matter or Something Else?

Prof. Maria Kuman

Editorial

In the journal Physics Today of May 2021, an article was published on p. 42 "Hybrid Light-Mater States" [1]. It was found in the 1970s that "optical cavities could modify the spontaneous emission of photons from excited atoms (in solid state) by either enhancing it or suppressing it." But on p. 44, the authors just mentioned that recent findings in condensed matter (solid states) showed that their properties could be modified in cavities without light. This means that even when light was not present there was still a coupling of the cavity mode (without light) with the molecular vibrational transitions of the solid state in the cavity, and this had remarkably strong effects on the chemical reactivity of the solid state. The authors did not offer any explanation of this, but we mean to explain it here.

When there is light in a cavity with a solid state in it, the effect of the cavity light on the chemical reactivity of the solid state is clear. However, to explain the effect of a cavity without light, we need to explain what is causing the effect. We need to explain that all material creations are material bodies and NEMFs (nonlinear electromagnetic fields). This comes from the way the material world was created – the material world was created by Black Holes of antimatter and the NEMF that separated the matter from the anti-mater got imprinted on all material creations [2]. If so, the material cavity has its own $NEMF_{cavity}$, which will influence the spontaneous emission of the solid state in the cavity, which has its own $NEMF_{solid\ state}$.

My concept that everything material is a material body and NEMF automatically explains why the particles are particles and waves at the same time [2]. It also explains why at very low temperatures close to the absolute zero (-273^0 K) when the particles (atoms) do not have energy to spin, they behave like waves. The chemical compounds made of these atoms also behave like waves, which is now the basis of our trials to create Quantum Computers [3] operating at temperatures close to the absolute zero. However, we all have Quantum Computers in the Subconscious (of which we are not consciously aware) operating with the waves of the Spirit at body temperature [4].

It is high time to acknowledge the existence of a Quantum Computer in our Subconscious. The hypnotists first discovered that their hypnotized patients with sleeping conscious could calculate 10,000 times faster, which revealed the existence of a Supercomputer in our Subconscious. Since the Supercomputer operates with the waves of the Spirit, it is a Quantum Computer [4]. Everything related to the Spirit (including our Emotional brain) was put in the Subconscious to give us freedom of choice. The presence of the Emotional brain in the Subconscious is another proof that the Spirit is the one that makes us emotional.

I spent 40 years of my life first photographing the aura and then developing and patenting sensitive equipment able to measure it (because it is 1,000 times weaker than the field created by the biocurrents of the body). My measurements [5] showed that the aura is emotional – it shines brighter when we experience positive emotions (or just think positively) and it is dimmer when we experience negative emotions (or just think negatively). Since when we experience positive emotions (or just think positively) we feel in high Spirit and when we experience negative emotions (or just think negatively) we feel in low Spirit, I concluded that the aura must be our emotional Spirit.

Then I found that the Advanced Jewish Cabala for High Priest was teaching that the aura is our Spirit. What happens when we experience positive emotions that we feel uplifted? The Russian scientist Shkatov developed equipment that allows him to measure the spinning of the aura. He found that positive emotions make the aura spin clockwise [6] like a vortex, while negative emotions make the aura spin counterclockwise like an anti-vortex. Since nonlinear physics teaches that vortices spin clockwise and suck energy in, it become obvious that at positive emotions energy is sucked in, which makes us feel uplifted.

With my measurements I found that the aura (Spirit) is weak nonlinear electromagnetic field (NEMF). If positive emotions make our aura's NEMF to suck energy, this means that NEMF energy is available out there to be sucked. Is this NEMF the Space-Matrix, from which everything material was created? It was called ether in the past [7]. This explains why the ether (Space Matrix) was questioned for so long – it is NEMF, which is invisible and it is too weak to be measured. However, I found that in the body this weak NEMF (Spirit) rules and regulates everything, not with its strength, but with the information it caries.

The NEMF being nonlinear field does not dissipate and can imprint information. This is what made the NEMF a Space Matrix, from which everything material was created [7]. First, a sphere of not

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dissipating NEMF (Space Matrix) was created and then the information of what the Creator wanted to create was imprinted on it and our universe was created [8]. Now, let's go back to the hybrid light-matter. When solid state with its $NEMF_{solid\ state}$ is placed in a cavity with its $NEMF_{cavity}$, of course the $NEMF_{solid\ state}$ will be influenced by $NEMF_{cavity}$, even when light is not present in the cavity.

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