

I Watched May 29, 2023

This is all with regard to my hobby of understanding reality.

By Dr. Victor Jean Ouellette, DC, MS

Physics and the meaning of life PART 1

YouTube Around May 22, 2023

<https://youtube.com/watch?v=jZDVyNGEa18>

37:15 Min. Sec. Needs Internet connection.

My Comments

Measurement in quantum mechanics destroys the two, or more, wave forms that produced the measurement. After the measurement multiple sets of waveforms can produce that same measurement ie. the same combined wave form. Thus, the initial set has been LOST. This would represent a loss of information if you take a certain viewpoint on it.

A Black Hole radiates Hawking radiation which is claimed to destroy information. I think scientists are still out arguing on that one. It is my thought that the black hole may be the same thing as a measuring device for quantum mechanics because mechanically, it does the same thing. The measuring device combines the wave functions to one reality, the measurement result. The black hole does the same thing by combining many wave functions to one result, the Hawking radiations. That is to say, they both do essentially the same thing. The question remains, "Is information lost?" It depends. It depends on how you define the word 'INFORMATION' and how you define the word 'LOST', and it depends on how you might define the word 'USEFUL' as it applies to information.

At our level of reality measurement we combine wave functions to get a subjective conscious indication of an observation. On the mega universe level the black holes do the same thing by combining wave functions. Some combined wave functions stay as mass in the black hole. Others escape as Hawking radiation. To the energy life forms these black holes are invisible. They would know something is out there much like we speculate on Dark Energy and Dark matter, but they have no sensory organs or structure in our physical world to measure black holes because they are pure energy. We, as humans, are the thinking transducers transforming our observations into 'Thotons' that the energy life forms CAN read, understand, or grasp. (And I have previous writings, again in my private library on 'Thotons'. I speculated that thoughts are made up of particles I called Thotons. You know, Protons, Electrons, Thotons. This makes thoughts pieces of information that cannot be lost. They are in the Energy world.) The Thotons are our connection to the energy world. Our thoughts are how the energy world learns about our physical world. The energy world does not want to lose any Thotons so categorizes them just like we do. OK, back to topic.

Time Reversal

The question then is, can the Hawking radiation be time reversed to re-create the wave functions which created the radiation? And, the answer would be, can we take a single wave function and

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somehow figure out what wave function groupings combined to make it? As far as we know, the answer is no. All we can do is speculate. Somewhere within that measurement there is ONE combination of wave functions that was the original grouping. One might ask, "Why do we want to know what that original grouping was? What purpose does it serve to know that data?" So, as far as I can see with what we know now, there is no purpose to know the originating data. It is not **USEFUL** to know the original data. If we are on a boat in the ocean and a super wave is seen coming at us, it does not help us to know the structure of what made that super wave. We deal with the super wave. After the fact, we can experiment and draft a list of all the parameters that might combine to make a super wave, but that is another story which is in the future as we struggle to deal with the super wave in the present.

Thus, that particular **type** of information ('what specific combination of wave patterns') **IS** lost. This brings me back to my writings a few decades ago in the idea that Pre-BigBang, there was NO MASS, but there was energy waves. They existed for unimaginable lengths of time and combined via cross interference into structures I called Inpats (interference patterns). These interference patterns evolved, on their time scale, into life forms in the energy spectrum. Those life forms became sentient. (Speculation) Those sentient life forms got bored, (decidedly a human trait, OK for sure), and **SOME** of those Inpats came together to discuss the matter (discuss in their way that is) and they impacted their reality by creating this new **STUFF**. That was the big bang or big bounce or whatever you want to call it. One then has initial Inpats that create the energy life forms, and one has the energy life forms created out of the Inpats. For the energy life forms the Inpats are wave functions. What reality is for them, is the initial wave functions and the energy life forms. **FOR US**, as matter beings, our reality is likewise initial Inpats, energy life forms, and our subjective observations of our universe('s). We learn more and more about ourselves as time goes on. I have written (about two decades ago in my private library) about the $E=MC^2$. Pre big bang all matter was in the form of E. The E was (and still is) sentient. OK, Ok no cards and letters please, it is speculation.

Back to Topic

If everything is a wave function then is there a single starting wave function that one might call an elementary particle? One particle, one elementary particle, that is then combined via the wave forms, to form all the others. That particle makes up our standard model Plus our Thotons (Thoughtons).

This idea that information can never be lost just does not make sense. Information can be transmuted into one form or another by manipulating the combinations of waves. One wave form can be combined with another way form, to form a new wave form which would be a new piece

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of information. The other two or more wave forms are lost within that new wave form. Saying that if you throw a book into a black hole, is the information lost, I would say the individual waveforms of each character on each page may all be lost however, the sum of all the wave forms may not be lost. We have the final measurement but we have lost the data that made up the measurement if we hold to the quantum mechanic's concepts. It seems to me again, something is missing from a logical point of view. An energy being likely knows what that missing something is.

What we consider useful, a sentient energy being (see above) may not consider useful. From my logic, a sentient energy being does not care about multiple wave structure nomenclature but, only the final product. They want to know what **their** dark energy is and **their** dark matter is. To them, we are the dark matter in their world, and our thoughts are their connection to us, to our world of what we call **MATTER** thingys, Quarks, Bosons etc.

Corollary Thought

Energy beings clearly have the time to wait for ALL black holes to shrink to nothing having transferred **ALL** of our matter back into their energy world via Hawking radiation. Until such time, all our thoughts are preserved, labelled, catalogued and sequestered together in formats that continue doing work on the Energy level. It seems weird how this speculation seems to hint at some sort of metaphysics. It makes me think of the ancient concepts of Akashic records and if our modern physics is turning circular.

And one last Thoton

All the lower animal thoughts and the bug's thoughts and the plant's thoughts and the tree's thoughts and the bacteria's thoughts would all be preserved, labelled, catalogued and sequestered together in formats for the Energy beings to screen out duplicates, AND screen out nonsense. Hold it now! Our world doesn't have any nonsense in it, does it?