

Research Essay

An Integral World Perspective

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Abstract

The question regarding possible existence of past and future lives is addressed in this article, which leads to the intimate connection between Physical World and Consciousness World as two sides of one coin. The examination of genuine unconsciousness reveals the dynamic and fundamental nature of consciousness with a proposed axiom: genuine unconsciousness is identical to nothingness both physically and psychologically. Because over 95% of our universe is composed of indirectly detectable “dark” material, it is quite possible that conscious live forms beyond our current observation limit can exist. A hierarchy structure of consciousness, awareness and certainty, together with the spacetime concept are used to explain the phenomena of particle entanglement and double-slit experiment in quantum mechanics.

Key Words: consciousness world, physical world, unconsciousness, quantum mechanics, spacetime, past life, future life, integral view.

Do you believe that you had previous lives? The answer is usually negative or at least neutral such as “I don’t know” or “I cannot remember”. Well, could you remember what you wore or ate on this day exactly one year ago? A lot of events actually occurred in our present life but we are unable to recall them particularly the detail. Here is the catch: things never happened before of course you cannot remember, however things you cannot remember do not necessarily mean they never happened. This asymmetric rationality is critical and opens the door for the chance of past life albeit most of us cannot recall.

The progress of modern science may be characterized as “integral connectivity”. Einstein special relativity made connection between space and time, as well as between matter and energy ($E=mc^2$). Consequently these properties of nature are no longer isolated or absolute. In other words they are mutually transferable. His general relativity went a step further to place space/time on one side of equation and matter/energy the other side hence they are all related, or parts of an integral wholeness.

Traditional science is the study of our Physical World composed of space, time, matter, energy, as well the associated gravity, electromagnetic, strong and weak nuclear forces. Recent scientific advances unveil the importance of our Consciousness World. Physical World and Consciousness World are two sides of one coin which are inseparable. Our definition of Physical World is generally limited to everything we can directly observe or measure in this universe. Beyond that we refer to as spiritual world. With the emergence of dark matter, dark energy and negative energy, we realize the Physical World is much bigger than we originally

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thought. The known matter and energy account only <5% of the total with the rest from indirectly detectable dark matter, dark energy and negative energy. The horizon of Physical World may extend indefinitely to allow the possibility of high-dimensional and parallel multiverses. Our exploration of the physical frontier continues as demonstrated by Einstein relativity, quantum mechanics, string theory, complexity science and so forth. Now let us consider an equation with Physical World at one side and Consciousness World at the other as shown below.

$$\text{Physical World} = \text{Consciousness World}$$

Conscious beings like human or extraterrestrial require physical manifestation such as light and other forms consisting of space, time, matter, and energy. A physical universe never to be appreciated by conscious being has no value or practically equals to nothingness; whereas consciousness deprived from physical manifestation is barren.

So what is consciousness and how to define it? We all have a distinctively unique self-awareness or the inner feeling of a subjective “me”. People grow older with mental and biological changes however their sense of individual self-awareness remains intact. Memory retention is probably the most important utility of consciousness which links time sequence of events or the learning ability. Consciousness without memory like Alzheimer’s disease is just existence with little meaning or purpose.

Because the interconnection between Physical World and Consciousness World, we may employ the same rules learned from Physical World and apply them to Consciousness World, and vice versa. Since our physical universe originated from Big Bang - a physical singularity, our consciousness life may do the same, originated from a psychological singularity. Similar to the circumstance where all known physical laws including Einstein relativity and quantum mechanics break down inside a physical singularity like Big Bang or Black Hole, it is quite possible that when a new baby is born into this world, he or she went through a psychological singularity state thereat consciousness including memory breaks down which in turn gives rise to a sense of new beginning. This may be the reason why we lost our memory of the previous life. However as a result of quantum tunneling effect, a very tiny but definitive fraction of human population evidently carryover the memory from their past life as documented in a few well known reincarnation cases.

Now, how about next life after we leave this world? By and large people believe that conscious existence stops when the body is dead. Let’s examine the intriguing state of genuine unconsciousness. We are all familiar with deep sleep especially during our youth (sleep like a baby), and some of us may have experienced coma due to accidents or illness. When a person falls into a genuine unconsciousness state, the concept of time disappears completely which means one billion years is equivalent to a micro second because the faculty or measuring stick to gauge temporal difference no longer exists. Similarly the concept of space disappears as well, implying that a small bedroom is equivalent to the entire universe. The same logic applies to matter, energy, and other physical entities. From a psychological standpoint, genuine unconsciousness means the total loss of self-awareness as well as the associated rich variety of sensation or feeling like pleasure, sadness, excitement, jealous, and so on. At the most

fundamental level, the distinction between you and me vanishes. Here is an axiom: genuine unconsciousness is identical to nothingness both physically and psychologically. That is why Physical World and Consciousness World are two sides of a coin. One cannot exist without the other. The good news is that you don't need to worry about being inside the unconsciousness state because you don't know when you are in there and how long you are in there ... such as the experience from deep sleep or coma. Only after you wake up and look at the clock thus recognize how much time has elapsed from memory. In other words, genuine unconsciousness is absolutely trivial in a practical sense (no pain and no gain). If death means unconsciousness then nobody should take it seriously.

Logically speaking, any process with a beginning must have an end. You are awake and reading this sentence right now. If at some future point you enter into an unconsciousness state (beginning) then you will get out of it eventually (end) and regain consciousness or self-awareness. As noted earlier, you would not know how long you are exposed to the unconsciousness state when you are in there due to the loss of time concept. The philosophical implication is that death is not the end of life but a mere transition. Afterlife is real and inevitable. Once crossing the divide your current life becomes past life. This chain of succession continues open-endedly, or the consciousness/unconsciousness alteration cycle is naturally ever present. Infinite life cycles suggest all possible forms of existence in high-dimensional multiverses. This could be the ultimate Oneness or Wholeness. We are naturally connected after all.

The connection between Physical World and Consciousness World is evident in quantum mechanics as exemplified by Schrodinger's cat, double-slit experiment, and particle entanglement or 'spooky action at a distance' according to Einstein. As aforementioned, genuine unconsciousness is timeless and spaceless among other things. If one minute is equivalent to thousand years which in turn equal to nothingness, then they should also be indifferent or sameness due to the loss of time concept.

One Minute = Thousand Years = Nothingness = Sameness

It doesn't matter how far in space and how long in time that two entangled particles might be separated, the spacetime concept means literally nothing or extremely fuzzy to these "unconscious" particles unless they are once again observed by conscious being capable to appreciate their beauty or collapse the Schrodinger's probability wave function, in other words to reconnect these entangled particles with Consciousness World. Fuzzy spacetime may be the reason why a single particle can exist at different places simultaneously. It should be noted that consciousness has quantitative and qualitative differences just like physical universe.

What is the relation between unconsciousness and unawareness? You can be in a conscious state but unaware of certain events or happenings. Unawareness may be treated as pseudo unconsciousness. By the same token, uncertainty may be treated as pseudo unawareness (see the hierarchy arrangement below). If the probability wave function can be destroyed by consciousness, awareness or certainty, then the reverse may be true that probability wave function can be created by unconsciousness, unawareness or uncertainty. This applies to the double-slit experiment where freedom of choice among two slits (uncertainty or unawareness)

generates Schrodinger's probability wave function that is consistent for all "unconscious" photons or electrons used in the experiment trials. Such equality or sameness in the form of probability wave function reflects uncertainty or unawareness. It should be noted there are level differences in the natural hierarchy.

Consciousness	-----	Unconsciousness
Awareness	Unawareness	Unawareness
Certainty Uncertainty	Uncertainty	Uncertainty

A sleeping brain displays wave-like unconsciousness (spread out). Conversely, a wakeup brain has particle-like consciousness (zero in). "Determinism vs. Free Will" may be assimilated as "Particle-Like vs. Wave-Like", respectively. Gravitational force is not only observed from heavenly bodies (stars and planets) but also experienced among conscious beings; followers usually revolve around their leader by means of psychological attraction or gravity.

Our early life development from mother's womb to infant period is very much like the Big Bang where unconsciousness/nothingness/sameness rapidly evolves into differentiated self-aware individuals via symmetry breaking. If the coexistence of Physical World and Consciousness World is ever present, what can we learn from it? We are all self-centered by nature however the definition of SELF may be expanded to include others. A big self containing others is similar to a wave of compassion, whereas the traditional self pertaining to one person is like a single particle.

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