

Did Consciousness, Emerged at the Big Bang Event?

Consciousness New Theory and Definition

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Consciousness, as a subject has no accepted consensus definition among all scientific disciplines, and none scientific domains since the time of Aristotle's 2000 years ago, and remains mysterious up to date. The definition of consciousness by some, as "subjective awareness" does not hold and is not holistic, the author proposes, a new definition that:

Consciousness is a fundamental universal phenomenon of "vibrant conscious information field" of electromagnetic force, of conscious information waves, of light energy. It is found in all matters in the universe and the cosmos including animate and inanimate at molecular, atomic and subatomic level, and fills the vacuum in space and represent the dark and white energy as shown in the figure below.

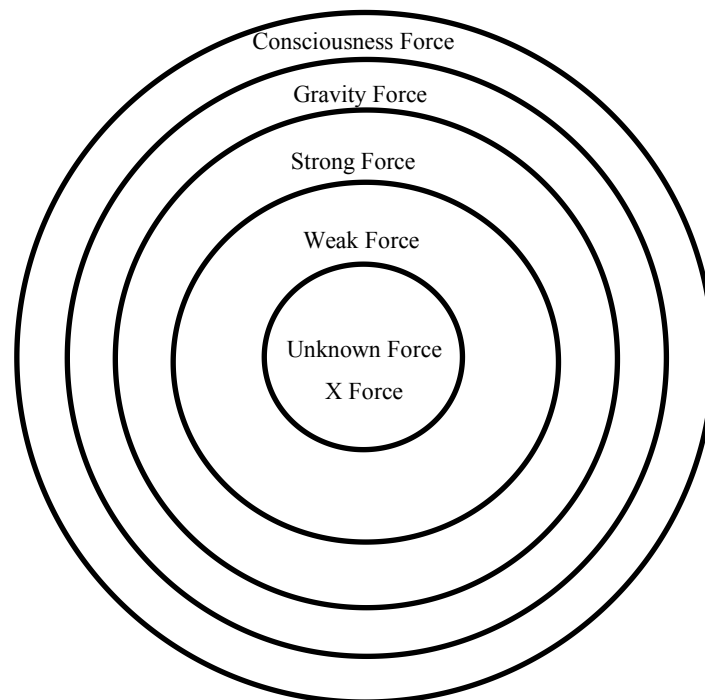


Figure 1. The unified energy field of conscious information.

This energy field distribution (see diagram) is believed to be the case since the zero time of Big Bang±13.8 million years ago—Big bang model is hypothesized by the famous Russian mathematician Aleksandr Friedman and

Belgian astronomer Georges Lemaitre in the 1920s later developed by the Russian-born American physicist George Gamow in the 1940s (Encyclopedia Britannica, 2019). The consciousness phenomenon is in fact what makes galaxies, stars and heaven expand continuously (author's own views). Thus, consciousness as the vibrant field of conscious information of electromagnetic waves of light could be the blue print (bosons) of a new Fundamental fifth force of energy whose particles and waves are carried on light of electromagnetic force of the conscious information field. This new fundamental force constitutes, dominates, encompasses, unites and unifies with the known existent four forces; the electromagnetic force, the gravity force, the strong nuclear force and the weak nuclear force and all fields forming the unified field of conscious information waves of electromagnetic field of light energy (Consciousness = conscious energy field of light information waves).

Consciousness as fundamental energy, is an elementary force that can neither be created nor destroyed but can be reduced to a molecular, sub-atomic, and atomic levels and respect the law of conservation of total energy mass in the universe. The smallest molecule in animate is the conscious molecule wave (Cmw) and the smallest particle in inanimate, at atomic and subatomic level is the conscious photon particle Cppor conscious quark, or even smaller particle to be detected. These dynamic vibrant conscious energy fields of information dominate all fields and fill the space vacuum and every atom in all matter in the universe. Consciousness represents and constitutes the dark energy and the white energy and may be the force which makes the cosmos expand.

Consciousness is a quantifiable energy and respects the law of conservation of mass energy in the universe which can be calculated, applying Einstein equation:

$$E = mc^2$$

Keywords: consciousness, new fundamental force, conscious wave, conscious particle, conscious information field, unified field

Introduction

Consciousness has not been defined for more than two centuries ago and remains a mystery. “Human consciousness is about the last surviving mystery” Dennett (1991, p. 21) and also Blackmore (2004, p. 14) wrote, “There is no generally recognized definition of consciousness”.

There are many trials by contemporary scientists and philosophers to explain the genesis of consciousness having postulated many theories. A few among the most notable ones include works from authors like Baar (1997), Chalmers (1995; 1996), and Hameroff and Penrose (1996). It is interesting to note that all these theories are built upon the brain's complex neuronal connectivity and functions. However it is now proved beyond doubt by many researchers that the brain does not produce consciousness, and the author of this paper in this article proposes that consciousness is a fundamental phenomenon of unified field of “conscious information field” of electromagnetic force of conscious light energy waves. However, no scientific accepted definitions or theories had succeeded to solve this riddle, and according to Al Faki's hypotheses and definition (2010; 2011) based upon interaction between the heart and the brain, consciousness is the neuronal collarets of consciousness (NCC) for action, behavior, free will. The hypotheses that consciousness could be the prerequisite in all vital neuronal activities in medicine, action, behavior is a speculations based upon basic theoretical physics, biology, philosophy, intuition, spirituality and culture. The author has postulated and defined consciousness as new undiscovered fundamental “field of conscious information” of universal energy field (both light energy and dark energy) defined as:

Consciousness is a fundamental electromagnetic field of conscious information waves, of light energy force of electromagnetic field, of conscious information waves of light energy. This dynamic vibrant electromagnetic waves of conscious information field, of light energy force, include light and dark energy, could be a blue print of a new fifth fundamental force that dominates, comprises, encompasses, and unites with the other known forces and unknown, forces to be discovered in future in nature. The known forces are the electromagnetic force, the gravity force, the strong nuclear force and the weak nuclear force.

Consciousness as New Fundamental Force Characteristics

Since consciousness is a fundamental field of conscious information waves of light energy of electromagnetic force, the hypothesis is that it had occurred at the beginning of the creation at zero time of Big Bang ± 13.8 million years with all other matters and energies in the universe or universes, the energy of consciousness is formed of conscious waves and atoms which are dynamic in constant vibrant state of motion and spinning. These atoms are connected, interconnected, entangled and share information in backward←forward→ manner so that conscious information field, or “consciousness” can have access to the past, present, and future information.

New Definition

Consciousness could be the most fundamental elementary field of energy of vibrant conscious information waves of electromagnetic force of light, and will represent a new fifth force of universal elementary field later to be known as the “conscious light energy field of information = Consciousness”. This conscious information field of energy, is of vibrant electromagnetic information waves of light energy which fills the vacuum in the universe, all matters both animate and inanimate, represents and is consistent with both the dark energy and the light energy. This conscious energy (Consciousness) constitutes, comprises, dominates, encompasses and unifies with all existing known forces, and unknown forces to be discovered later in the future in nature and the universe. The conscious vibrant electromagnetic waves of light energy (Consciousness) encompass every animate and inanimate at molecular, atomic and subatomic level in the universe. The smallest wave of energy is the conscious wave “ C_w ” been a boson for the smallest energy particle conscious photon C_{pp} or conscious molecule C_{pm} (Author’s own views and definition). Consciousness is the NCC (Neural collarets) of neurons involve in Conscious experience, Free Will, Action, and Behavior (Al Faki, 2011).

Discussion and Conclusion

At present time, the phenomenon of consciousness has not received a consensus explanation. New approach by the author had been postulated that consciousness is fundamental universal phenomenon of conscious information field of light energy waves that fill the vacuum in space, and all matter of animate and inanimate, by occupying every single molecule and atom. These atoms and molecule are in constant dynamic action, they are connected and interconnected and share information from the past, present and the future by the virtue of conscious information field-consciousness.

Since this is the fourth industrial era of information, we see advances in the internet, telecommunications and other aspect of life, the discovery of the fundamental nature of consciousness as the vibrant field of conscious information, will explain the serious global transformation in human collective consciousness, ecology, and environmental changes with detrimental effect in weather and climate as evident by earth warming, floods, hurricanes, volcanoes, tsunamis and wild fires etc. Instability in governments, and economy, more

poverty and hunger worldwide, increased conflict, global wars and aggression among nations and even within a single nation, negative emotions, hatred, increased racial discrimination and extinction of the others are all according to the author's views due to the effect of change in universal consciousness and transformation, which become maladjusted and shift to negative emotion and hostility. In humans by critical study of human heart as substrate of emergence of consciousness, and as the principal cognitive organs in the body, metaphysical and a spiritually intelligent organ guided by our free will to control human Psychology, our action and behavior in all conscious states, through heart-brain interaction (Al Faki, 2011). In addition, the heart intelligence can re-engineer the negative emotion to positive emotion that will bring about universal peace and love and happiness.

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