

Space, Time, & Consciousness (Part 3): Universal Consciousness Underlies All of Reality - A Tripartite Domain Theory

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ABSTRACT

The NDE reports reliably stated that all thought of movement was capable of instantaneity, so if entangled particles existed in the domain of consciousness as well as the material domain, their instant communication would be accounted for. Another question was about the possibility for a third domain. Was there anything that might have preceded the material and consciousness domains? The hypothesis that seemed best was that there initially existed a domain of pure consciousness in which nothing else existed, not light, not space, not time. This initial domain might be termed, in common with most religions, as God. This speculation is in fact consistent with the Old Testament according to which all that existed at first was God alone. God's first act of creation was light. After light He created the firmament, or material world. Thus, a tripartite domain theory was formed that is consistent with NDE reporting and The Old Testament. The relationships among the three domains are shown by the Venn diagram below. God is represented as Domain 1; the world of consciousness which includes light is the 2nd Domain; and the physical world we occupy is Domain 3.

Keywords: Universal consciousness, God, tripartite domain theory, NDE, space, time, consciousness, creation.

High Flight by John Gillespie Magee, Jr (1941)

Oh, I have slipped the surly bonds of earth,
And danced the skies on laughter-silvered wings;
Sunward I've climbed and joined the tumbling mirth of sun-split clouds -
and done a hundred things You have not dreamed of -
wheeled and soared and swung high in the sunlit silence.
Hovering there I've chased the shouting wind along
and flung my eager craft through footless halls of air.

Up, up the long delirious burning blue
I've topped the wind-swept heights with easy grace,
where never lark, or even eagle, flew;
and, while with silent, lifting mind I've trod
the high untrespassed sanctity of space, put out my hand and touched the face of God.

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Introduction

The mind and brain are distinguished by their intrinsic nature in philosophy and psychology, but there are two different dominant schools of thought about how they work together. The materialists, to include most neurologists and other "hard" scientists, do not believe in an immaterial consciousness, but expect research to eventually demonstrate how consciousness is either a brain process, or an epiphenomenon not worthy of continued research. The other school accepts that body and brain process the physical sensory input for conscious perception, but argues that the perception that is realized in conscious perception exists in an immaterial mind or soul; that is the position taken by this Tripartite Domain Theory, but it goes a step further that has not been theorized by any other philosophers or scientists-- the Tripartite theory claims that all of the physical, material world is intrinsically always connected to, or a part of (a subset of) the universal consciousness that is the natural home for the soul in what is defined as the 2nd Domain (the 1st Domain is the pure thought or consciousness which is God) when not connected to a brain.

The Tripartite Domain Theory analysis of the "spooky action at a distance" demonstrated by quantum entanglement is what led to the conclusion that the phenomenon of instant "communication," regardless of the size of the distance separating entangled elements, could only be explained as characteristic of the instantaneous communication reported by NDE/OBE observers while present in the spiritual world. Thus, it followed that the material objects of our physical world (i.e., the 3rd Domain) also exist in the 2nd Domain, and it is their action in the 2nd Domain of universal consciousness that enables the instantaneous communication exhibited in the 3rd Domain of physical reality. This theorized connection between the 2nd and 3rd Domains may also explain the nature of the source for the estimated 95% "dark" energy and matter that remains unobserved, i.e., the source may be in the 2nd Domain.

The bizarre phenomena of instantaneous communication between entangled particles, predicted, but unexplained by quantum mechanics, and impossible to explain by classical mechanistic physics, is applied by the new analysis presented here to imply that only an "energy" free continuum, also free of time and space constraints, may explain it-- and we term that continuum the "universal field of consciousness."

A variety of analysts have claimed that materialism ought to be replaced by consciousness as the basic paradigm for science, but "consciousness" defies the cardinal requirement for modern physics of enabling objective observation of phenomena with reliable measurement-- as it is by definition and usage unobservable to any but an individual's private mind. However, the entanglement phenomenon (as explained below) provides strong evidence for inferring that the basis for all experience is disembodied consciousness. Furthermore, physics can no longer deny consideration of consciousness as an explanatory paradigm, because it has elevated super string theory to its best hope for developing a "theory of everything" (i.e., a single theoretical

framework that includes both Relativity theory and quantum mechanics) when the string has a size on the order of the Planck length (approximately equal to 1.6×10^{-35} meters) which is in principle far too small to be directly observed, and may only be inferred from indirect evidence, such as this analysis does with entanglement.

The Near Death Experience (NDE) research literature established that Out of Body Experiences (OBE) are reliably associated with the trauma of an NDE; significant reference works include MD Raymond Moody's, *Life after Life*; MD Jeffrey Long's *Evidence of the Afterlife*, and MD Pim van Lommel's *Consciousness Beyond Life*. The reality of the OBE, as demonstrated by substantial empirical fact checking, creates a problem for the standard paradigm of modern science, materialism, because consciousness does not follow the laws of standard materialistic physical science.

The OBE reflects disembodied consciousness

The OBE is well characterized by a consciousness separated from the traumatized body that enjoys perception which is enhanced over normal perception; examples include the vividness of colors; feelings of perfect peace, and often the feeling of being loved without judgment by God. Despite these remarkable reports about disembodied consciousness, substantial evidence for the functioning of human consciousness without a normal brain has been collected and well organized in research reports. A powerful video presentation by Dr. Bruce Greyson (<https://www.youtube.com/watch?v=2aWM95RuMqU>) cites evidence for disembodied consciousness, such as accurately viewing activities distant from the traumatized body, meeting previously unmet and unknown relatives whose existence was later verified, recollecting former lives with verification of how they reported death injuries; seeing by blind individuals who experienced a form of visual perception that was accurate, and traveling made to a heavenly realm where deceased relatives were typically met.

Features of the OBE experience (e.g., time having ceased to run, and all entities appearing to be made of some form of light) were explained to be compatible with Relativity Theory and quantum mechanics in the FTT chapter where it was hypothesized that the baffling phenomena of quantum particle entanglement (what Einstein aptly termed, "spooky action at a distance") might be explained by applying the four dimensional space-time model of Relativity theory with time recast as a true fourth spatial dimension.

The reality of instantaneous signaling between entangled particles implies materialism is an incompletely defined paradigm for science

This note seeks to extend the explanation earlier presented in FTT of how the instantaneous interaction of particles, separated in space, may take place, regardless of their separation

distance. It was found to be necessary to replace the materialist paradigm with immaterial consciousness for the entire realm of existence. The implications of particle entanglement drive the need to reformulate our understanding of the nature of reality.

During the development of quantum mechanics, Einstein noticed that its formulation implied the mathematical possibility for the atomic particles of a unified (entangled) system to signal each other instantaneously, regardless of how far apart they were, thus violating the stricture of his Relativity Theory limiting signals to the speed of light (EPR paradox, https://en.wikipedia.org/wiki/EPR_paradox). However, empirical research has demonstrated that communication for entangled particles does appear to be instantaneous (https://en.wikipedia.org/wiki/Quantum_entanglement). Instantaneous communication baffles any conceivable explanation by any contemporary materialistic physical theory. Just to be clear, the entanglement model is next described in detail.

The Quantum Entanglement Model and Paradox

it's worthwhile to recognize that quantum physics has managed to construct a model of phenomena that works amazingly well, yet the math model employed (the Schrodinger wave equation) departs from common sense without providing any replacement for human understanding (rational or intuitive) of the mechanisms of the phenomena modeled. The eminent physicist Richard Feynman's famously quipped, "If you think you **understand quantum mechanics**, you don't **understand quantum mechanics**." This lament applies especially well to the mathematical modeling of quantum entanglement.

The basic description of quantum entanglement is well provided by Roger Penrose in his monumental text, *The Road to Reality, A Complete Guide to the Laws of the Universe*. New York: Alfred A Knopf, 2004, page 583. Penrose's description works from David Bohm's construction of the EPR paradox originally published by Einstein, Podolsky, and Rosen (*Can Quantum-Mechanical Description of Physical Reality be Considered Complete?*, *Physical Review*. **47** (10): 1935, 777–780.) as follows. A two particle quantum spin 1/2 system is created starting at a combined spin of 0 (zero) in which the particles travel away from each other, left and right, some considerable distance toward particle spin detectors each having a localized measurement capability. Under the conventional interpretation of the spin states, each of the particles is in a superposition state that is not set and thus indeterminate until some interactive observation or measurement is made for at least one of the particles.

The remarkable result is that the Schrodinger wave equation predicts that upon measuring one of the paired particles by its detector, its wave function collapses, so that it has a definite spin—and the other particle then *instantaneously* reacts by also having its wave function collapse, and does so with the required complementary spin. Penrose invokes Bell's Theorem to rule out any possibility of ordinary classical signaling between the particles. There is no implied information transmission faster than light speed, because the spin of the second particle was definitively set

by the measurement action on the first. So communication defined as information transmission does not violate the speed limit of light, but there is some form of signaling between the particles that is instantaneous.

Thus, the nature of the instantaneous signaling mechanism between the particles remains to be explained; even if the two particles were elements of a single physical wave, the instantaneous signaling violates Relativity Theory. As Penrose phrases the mystery, “*The only way that the particles can consistently provide the correct quantum-mechanical answers is by being in some way, “connected” to each other right until one or the other of them is actually measured. This mysterious “connection” between them is quantum entanglement.*”[p 589].

Frozen Time Theory Explains Instantaneous Communication

In the FTT chapter, it was proposed that the apparently separated particles of an entangled system (e.g., an atom or molecule) may communicate instantaneously by being collocated on the time dimension. For this explanation to work, the Schrodinger wave equation (*Schrödinger, E. (1926). "An Undulatory Theory of the Mechanics of Atoms and Molecules" (PDF). Physical Review. 28 (6): 1049–1070.*) and (https://en.wikipedia.org/wiki/Schr%C3%B6dinger_equation) would have to be interpreted to represent particles being manifested as waves extended across space, instead of as merely probabilities for spatial location of a discrete particle. (Whether the Schrodinger equation implies discrete particle spatial location probabilities, or the phases of a wave extended through space, has been an ongoing debate from the days of its formulation; see Particles as Waves in the wiki at

[https://en.wikipedia.org/wiki/Schr%C3%B6dinger_equation#Particles_as_waves]).

The concept of a particle wave defines it to be extended across space-time

In a wave form, a particle’s wave is extended across the manifold of space-time. For simplicity, visualize a two dimensional Cartesian graph (a vertical y axis by a horizontal t axis) of two separated particles; each particle is plotted separately on the y axis while being set to the same value for the time dimension t. In the FTT, two entangled particles were proposed to be in constant communication by their waves from the instant that the particles were formed as an entangled system. Thus, when one of the particles is “touched” by an observation that measures any characteristic of its existence, such as having a spin in one direction or another, the touched particle is activated into manifesting with either an up or down spin (in terms of the Schroeder wave equation, it is said to collapse into one of its possible solutions). The surprising prediction from quantum mechanics as discussed above was that the second particle would instantly react to the first particle’s manifested state by manifesting a complementary spin to keep the entangled

system in balance (if the first particle were measured as, say, having an up spin, then its partner would manifest as having a down spin). The results of a considerable amount of experimentation have confirmed that the first particle observed appears to randomly acquire its spin as up or down, and then the second particle reliably manifests the theoretically expected balancing spin.

Instant communication between entangled particles implies they are not fundamentally material entities

A counter argument might be made that the energy level of waves extended over a great distance ought to be too low to enable any effective communication between such separated particles, and this argument makes sense for the materialistic paradigm. Consider, however, that effective instantaneous communication is commonly reported between spiritual entities during OBE episodes. Thus, an apt conjecture, based on consideration of OBE phenomena, would be that entangled particles communicate by a wave connection that exists in a field of consciousness whose power to operate is continuous throughout its entire field regardless of separation distance. The conjecture that the material particles we may observe also exist as entities in a universal field of consciousness is consistent with the quantum theory hypothesis formulated by de Broglie that all matter is wave-like in nature.

(https://en.wikipedia.org/wiki/Matter_wave#The_de_Broglie_hypothesis).

Ordinary perception of the material world is a construction of the mind

It is proposed here that the light we perceive, that informs us of a material reality, exists in an underlying field of consciousness. Furthermore, our ordinary perception of our external reality, the world that we normally see, while informed by the light of objects, is itself a mental construction formed by our consciousness, with our consciousness itself operating in a universal field of consciousness. Our ordinary perception conveys to our minds the existence of a material world of solid objects that we see, touch and feel. But we have known for over a century that material objects are composed of atoms which are themselves mostly space separating electrons in orbits relatively far distant from their nucleus of protons and neutrons; thus, the material world we “see” is not really what exists. Centuries ago, before modern physics discovered the atomic structure we now accept for the material world, Immanuel Kant’s analysis recognized that human perception was unable in principle to see the world the way it might truly exist, the “noumenon” underlying the seen phenomenon; we see appearances of entities, but cannot possibly see and know them as they truly exist (https://en.wikipedia.org/wiki/Immanuel_Kant , or *Critique of Pure Reason*. New York: Random House, Inc., 1958).

All existence is found in a universal field of consciousness

Analysis of how entangled particles, separated across any vast distances, communicate instantaneously, defies explanation by classical, mechanistic, physical theorizing. Quantum mechanics itself offers no explanation, or even hints at any explanation, for “spooky action at a distance.” The explanation proposed here for entangled particle communication, instantly across any extended distance, was driven to rely on an immaterial concept holding that reality is based on a universal field of consciousness in which time and ordinary space do not exist. Our ordinary perception of the world is surely helpful for living and surviving, but cannot in principle display the underlying reality. Thus, it may reasonably be speculated that reality consists of a field of universal consciousness. How was this field created? How could it have been created? There are no answers found in ordinary life. Fortunately, the NDE with its OBE have provided reports relevant to explaining Creation.

Synchronicity fully characterizes activity in the realm of consciousness

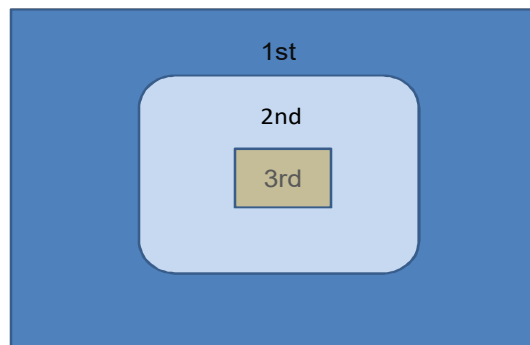
Carl Jung developed the concept of synchronicity (<https://en.wikipedia.org/wiki/Synchronicity>) as a concept about acausal events, meaningful coincidences occurring without any apparent causal connections. Interestingly, Jung’s development of this acausal concept was informally assisted by the quantum physicist Wolfgang Pauli (https://en.wikipedia.org/wiki/Wolfgang_Pauli). However, an analysis of time not running during OBEs, as explained in Frozen Time Theory, implies that all activity in the realm of disembodied conscious spirit is acausal, and thus synchronistic. Where time does not flow, causation becomes an empty concept, because activity does not sequence from one action to the next. Because the realm of consciousness contains no mass (or energy, considering that Einstein proved that mass and energy are interchangeable), it lacks the energy required in our material world to drive activity.

Existence functions in three inter-related domains

This paper delineates three inter-related domains of existence. The first domain is the foundation domain, what is termed here as the "universal field of consciousness." This "field" is God, and included in God are His spirit (human and “other”) creations also as pure consciousness with all connected together as a unitary field. An ordinary definition for consciousness could allude to self-awareness, thought, imagination, and decision making-- but these actions are the result of consciousness, and not the noumena, as Kant defined for unknown entities that give rise to perception, the thing in itself. Instead, consciousness is basically a primitive term that cannot be defined with words, but may only be known thru experience; for example, if we try to define the fragrance perceived from a rose for someone who has never experienced the fragrance, the words would provide meaningless terminology.

The second domain, which is more fundamental than materialistic space-time, is a multidimensional world that is populated by spirit beings that take the form of light, with God also manifesting as light. The NDE/OBE reports are typically about perception within this domain. The second domain is generally referred to as Heaven. Heaven is characterized by uninterrupted love from God, the total absence of stressors, such as produced in the material body for food, clothing and shelter, and lusts, such as for sex, money, and power.

The third is the material domain we normally perceive while living on the Earth, which includes the three spatial dimensions, and consciousness of time passing, with a distinctive past, and a future. The hypothesized purpose for God creating the material domain is to provide for spiritual development through the experience of stressors, lusts, and the free will reaction to them. Such spiritual development is impossible in the second domain, Heaven, for lack of stressors and conflicts. As depicted in the diagram, the 3rd Domain is included in the 2nd, and the 2nd and 3rd are nested in the 1st.



Set theoretic representation of the three hypothesized domains

Resolution of apparent conflicts between morality and amorality for life

It is frequently reported from the NDE/OBE, and from spiritually transformative experiences or deep states of meditation, that God does not judge the spirit as His love is given unconditionally. Self-judgment is natural during life reviews subsequent to trauma, and individuals may deeply regret hurtful or immoral behavior, but God is felt NOT to judge. Yet, all cultures and the Judeo-Christian religions are deeply concerned about morality—good vs. evil, and condemn, not only immoral behavior, but even immoral thoughts or imagination (the precursors to potential action).

The Ten Commandments and Christ's Golden Rule make it clear that the moral dimension of life is paramount, and thus important to God. Thus, there is an apparent conflict between conventional culture and religion and reporting from NDE/OBE and meditative states that good and evil are unimportant to God and reflect a mistake in Western culture and religion. A resolution for this apparent conflict is inherent in the tripartite domain theory.

When individuals are having an OBE or deep meditation experience, the context is the second, Heavenly, domain in which stress and evil do not exist—God would not be judging what does not then exist, although individuals in their life review may typically judge the moral character of their own behavior. However, morality surely applies to the material, Earth, domain by God's design to enable spiritual development. Here is an NDE report on Point:

I died when I was little, but can't accurately remember how old I was. I might have been 8 or 9 years old. I do remember that I was in grade 2.

It was an accident. My brother and sister put a pillow over my face and smothered me. They didn't see it as bad. At the time, they were trying to stop me from winning a game.

I remember clearly and I felt in such peace. I was suspended on the ceiling, which seemed higher than the actual ceiling. I watched them below and realized that I better go back because they might get in trouble if I didn't do so. I did wonder if I should stay, but decided to go back.

I sat up and told them what happened. They never believed me and nor does anyone I tell to this day.

Since that day a lot of strange things happened.

I am at peace with all the horrific things that have happened to me since this experience. **I have this strange understanding that it's all for me to grow as a spirit, to learn what I can, and teach others in a non-direct way. For example, I feel I need to guide and teach people about good because when they come back and they've been evil, a long and scary life awaits until they learn how to be spiritual.** [My bolding]

I am now 52 and although I still struggle emotionally and spiritually, I am consciously aware that I have purpose. I know there are spirits around us. I know about making a white bright light protection bubble around myself and those I love. [My bolding]

I didn't go to 'another place' when I died. But I know I was dead and I knew of the other place, the real place. I chose to come back by myself. Although nobody can confirm that I died, I know I did.“ (https://www.nderf.org/Experiences/1natalie_c_nde.html)

The New Age idea of uninhibited “going with the flow” when it’s pleasurable, that rejects stern morality as based on archaic religions, fails to recognize that morality in life is at the core of God’s design for life on the Earth to enable spiritual development. The NDE reports do, however, tend to validate the New Age belief that humans are all fundamentally spiritual beings, not the randomly constructed mechanical objects that scientific materialism defines.

The universal field of consciousness is God

Max Planck, the founder of quantum theory, concluded that consciousness provides the foundation for material reality,

I regard consciousness as fundamental. I regard matter as derivative from consciousness. We cannot get behind consciousness. Everything that we talk about, everything that we regard as existing, postulates consciousness." Furthermore, " As a man who has devoted his whole life to the most clearheaded science, to the study of matter, I can tell you as a result of my research about the atoms this much: There is no matter as such! All matter originates and exists only by virtue of a force which brings the particles of an atom to vibration and holds this most minute solar system of the atom together. . . . We must assume behind this force the existence of a conscious and intelligent Mind. This Mind is the matrix of all matter. (See, https://en.wikiquote.org/wiki/Max_Planck).

The explanation found for Creation is that God created the world, that the world created is fundamentally consciousness, and that the world is in fact God’s very being. A frequent report from those traumatized individuals returning from an NDE is that, while their soul existed in a spirit form in Heaven or in the direct presence of God, they realized that everything, *every thing*, is connected and actually part of God. Given that God is eternal and all that exists, so too are all of God’s creations. Our lives, our experiences, good and bad, harsh and beautiful, are all the play of God creatively exploring possibilities throughout eternity.

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