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SERVICES FOR SCIENCE AND EDUCATION

Consciousness, Matter, Brain Neural Activity and Telepathy

Yosef Joseph Segman[1]
Independent Researcher, Zichron Yaacov, Israel

ABSTRACT

The purpose of this paper is to mathematically define cords of consciousness (CoC) and consciousness by the act of brain neural patterns, wherein neutral patterns represent synchronized groups of neurons. The outcome of neural patterns represents the cords of consciousness. Conversely, the cords of consciousness exhibit neural patterns. Cords of consciousness represent the space of information embedded within the one, unique, timeless, and dimensionless metaphysical space. This paper elaborates on the physical and metaphysical relationships between physical brain neural activity and the metaphysical sensation of consciousness. For example, dreams, lucid dreams, ideas, memories, and out-of-body sensations (OBE or astral projection) are conscious metaphysical sensations that result in physical neural activity in the brain. Individual consciousness is defined as the collection of an individual's cord of consciousness. Furthermore, consciousness is a virtual junction in the metaphysical consciousness virtual net, where each junction incorporates a set of cords of consciousness. This set can be limited, unlimited, or unaccountable. Cords of consciousness can be learned from the brain's neural patterns; thus, memories can be manipulated by installing external neural patterns that create sensations of artificial consciousness.

Keywords: Consciousness, cords of consciousness, Void, Void Complementary, Matter, Energy, Complementary Matter, Complementary Energy, Metaphysics, Brain, Neural Network, Synchronization, Neural Patterns, Linear Schrödinger Representation, Frequency, Phase, Fourier Transform, Hologram, Virtual.

INTRODUCTION

Throughout history, humans have endeavored to understand, define, and study consciousness. Various theoretical models and scientific studies have explored this complex subject; however, the relationship between physical neural activity and metaphysical outcomes remains unclear. Notable examples include the theoretical models of consciousness reviewed by Sattin et al. (2021), mathematical perspective on human consciousness by Grindrod (2022), and models proposed by Seth (2018). Despite the abundance of the scientific literature, the precise nature of consciousness still lacks a definitive mathematical exploration of the metaphysical – physical relationship.

This paper aims to demonstrate the mathematical connection between brain neural activity and the resulting metaphysical sensations, which we term the "cords of consciousness." Building on previous works by the author, for example, [4], [5], [6], and [9], this study

[1] www.void2life.com is a voluntary organization that promotes knowledge and wisdom to expand human consciousness to enroll in the intergalactic federation.
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emphasizes the bidirectional influence between brain neural activity and metaphysical outcomes. Surprisingly, the reverse relationship—where metaphysical sensations such as dreams, lucid dreams, ideas, memories, and out-of-body experiences (OBEs or Astral Projection) influence brain neural patterns—is also significant. These metaphysical experiences, termed "cords of consciousness," trigger neural activity, as explored in this paper.

Searching for consciousness within the brain alone is akin to seeking a radio broadcaster within a radio set itself. Scientific exploration of consciousness faces two major challenges. First, subjective experience often fails to meet the criteria for objective and replicable data, complicating its study using traditional scientific methods. Second, many phenomena associated with consciousness do not fit comfortably within a conventional scientific framework. For example, the common-sense notion that conscious volition can cause event conflicts with the scientific assumption that a deterministic universe is governed by causal laws.

The purpose of this paper is to show that consciousness can be explained and defined logically through mathematical modeling, that consciousness is not unique to a single person, and that there is no causal relationship between consciousness and a unique body. One may experience a noncausal sensation, such as unrealistic dreams, that are never experienced by physical sensors or during awareness.

We begin by introducing the concept of a metaphysical, nondimensional, timeless space.

THE METAPHYSICAL SPACE

Definition 1: The Metaphysical Space
The metaphysics space is the "*void*" *and the* "*void complementary*" space [4], [5], [9].

The Void is a timeless total emptiness without any description. However, due to the existence of the void, a complementary to the void exists. The void complementary does not represent matter such as the universe. If the universe is "void complementary", then the universe must be complete, which is not, just by the fact that the universe is evolving, contradicts its potential completeness.

The void complementary is a dimensionless, timeless, unique complete space that incorporates any potential possibility, such as that of our lives. However, for life to be realized, a spacetime universe with a sensation of matter should exist. The perception of the existence of matter is provided in [4], [5], and [9]. A few anecdotes are provided below.

Theorem 1
The metaphysical space does not incorporate matter.

Theorem 2
The metaphysical space is one, complete, nondimensional, timeless space.

The proofs are given in [4] and [5]. It is straightforward to understand that uniqueness and

completeness are two sides of the same coin in the sense that if there are two metaphysical spaces, it means the metaphysical space is incomplete, and if the metaphysical space is complete, then it must be unique in the sense that there is only one metaphysical space.

Conclusion

The metaphysical space is a dimensionless, timeless space that incorporates the total potential information about anything, such as, stories, visions, voices, emotions, life, intentions, logic, illogic's, universes, etc.

The metaphysical space incorporates the total information about any potential scenario. A potential scenario may represent a life story, planet story, or the story of an entire spacetime universe. Because the metaphysical space is a virtual timeless space, all stories are realized timelessly. Currently, we are realizing the timeless metaphysical story of our lives. The story is a timeless metaphysical event; however, within the story, there is a time reference representing the beginning and end of the story. However, from the metaphysical perspective, the beginning and the end of the story are virtual timeless events.

Time and timelessness can be described by the following example: a cinema participant may watch a movie for two hours or one minute, while the movie actor may live his or her entire life and fight for his or her goals. Cinema time and actor time are two independent time references. Now, assuming that the cinema is the metaphysical timeless space, while within the movie–that is, the life story–the time reference tells the sequence of events in the story.

REALIZATION OF STORIES – THE EXISTENCE OF UNIVERSES

A space-time universe (i.e., cosmos) must exist for a potential scenario to be realized. However, the void complementary contains zero matter, that is, null matter. Therefore, the existence of matter within the void complementary incorporates complementary matter, such that the total matter and its related complementary matter collapse timelessly into zero matter (null matter). Matter is a metaphysical characteristic of attraction, whereas complementary matter represents a characteristic complementary to attraction (e.g., rejection). Physicists define attraction as gravitation by attaching a positive real number $\{m \geq 0\}$ called the mass representing the level of attraction, whereas complementary matter is defined by a negative real number $\overline{\{m \leq 0\}}$ representing a complementary mass, for example, a negative mass such that the total matter and its related complementary matter collapse timelessly into zero matter; in that sense, into null matter representing the null complete physics.

The metaphysical law of preserving the total null matter timelessly is given by the following pseudo equation:

1. $\{U\} + \overline{\{U\}} = \{0\}$

where {U} represents the universe composed of positive matter represented by the level of attraction (mass) $\{m \geq 0\}$, and its complementary matter $\overline{\{U\}}$ by $\overline{\{m \leq 0\}}$ represents complementary attraction, for example, rejection. The right-hand side of the pseudo-Eq. 1 represents the hyperspace, free of space and time physical forces. This hyperspace is

embedded within the timeless, complete one-unique dimensionless metaphysical space [3]. Traveling in spacetime free of physical boundaries requires the transfer of the spaceship to hyperspace. It requires the use of matter, complementary matter, energy, and complementary energy; however, the most important part is the control of consciousness in hyperspace. Controlling consciousness can be understood through astral projections or OBE sensations.

Traveling in spacetime may also be feasible by transforming a physical object into the frequency domain by executing the Fourier transform on the physical object (e.g., the human body). When the object is transformed into the frequency domain, it is free of any space-time universe, enabling the restoration of the object in the desired space-time universe [6], [9].

Definition 3: The Metaphysical Conservation Law
Any form of Eq. 1 *collapses timelessly into null matter*. *The metaphysical conservation law preserves null matter*:

Energy
Positive energy is a matter at attraction level zero from the right side of zero, that is, (+0, representing light), and complementary energy is a complementary-matter at the complementary-attraction level zero from the left side of zero (-0, representing darkness as dark matter).

Particles of matter are attracted to each other (the force of attraction/gravity), while particles of complementary-matter (dark matter) push each other up to infinity in velocity up to infinity. Therefore, dark matter will be spread up to infinity, while matter will be attracted to a closed structure, defining the universe incorporated by uncountable levels of matter from the smallest level of attraction m>0 up to galaxies and the entire universe, wherein as said, positive energy is matter at attraction level +0 (from the right side of the zero). If the universe is expanding, it is on account of its complementary matter (dark matter), and if it shrinks, it is due to the complementary forces pushing the universe into itself [3].

Linear Representation of Universes
There are infinite uncountable universes that obey the pseudo-Eq. 1. Each universe is located on a virtual phase axis that best defined by the Schrodinger linear representation ([10], [11], [13]).

2. $U_{\zeta}(X,t,\Omega,\omega,a) = e^{-i\zeta(\Omega X+\omega t+a)}U(X,t)$
3. $\overline{U}_{\zeta}(X,t,\Omega,\omega,a) = e^{-i\zeta(\Omega X+\omega t+a)}\overline{U}(X,t)$

where $U(X,t)$ and $\overline{U}(X,t)$ satisfy Eq. 1, ζ represents the phase location of the universe U_{ζ} and its complementary matter by the complementary universe $\overline{U}_{\zeta}$. Ω represents the frequency vector associated with the universal coordinate X = (X, Y, Z), ω is the frequency associated with universal time t, and a is a constant. To travel within and between spacetime universes, it is suggested to transfer the spaceship into the hyperspace {0} located on the right side of Eq. 1, and then select the desired universe associated with its phase ζ, the desired universal time t and the desired spatial coordinate X, which defines the desired location within the selected universe U_{ζ}. In hyperspace, physics such as time, velocity, and mass are irrelevant. The only

issue in hyperspace is knowing how to control the consciousness. The following figure shows this general idea.

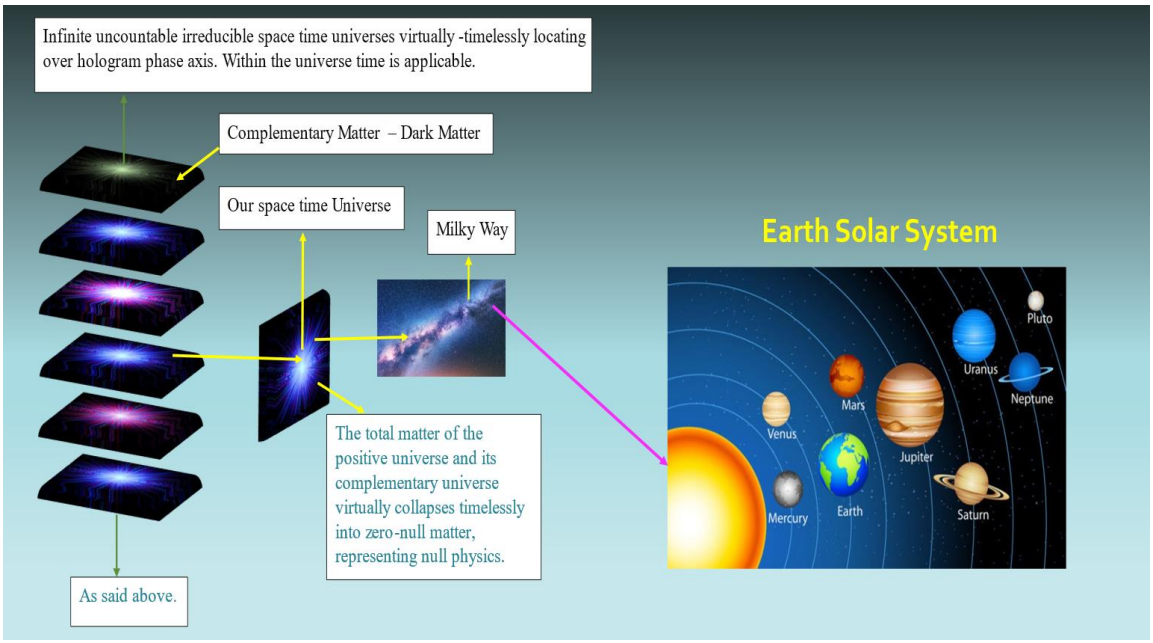

Figure 1: Multispace-time universes located on the virtual phase axis ζ. Each universe is associated with complementary matter such that the total matter and its complementary matter are null. Navigating in hyperspace requires identifying the phase ζ associated with the required space-time universe, then identifying the desired universal time t and the desired special coordinates X within the desired universe U_ζ. *(This picture was used in the author's previous publications.)*

CONSCIOUSNESS AND BRAIN NEURAL PATTERNS

Cords of consciousness and consciousness were defined by the author in [2]. Basically, a neuron is a kind of gate; it may be in idle mode or respond to or receive chemical charge. When a group of neurons fires synchronically, we treat this group of neurons as a neural pattern. The group is defined by the actual synaptic connection.

Definition 4: Neural Pattern

A group of neurons that respond synchronically defines neural pattern.

Neurons in a neural pattern are synaptically connected. Synaptic connections can deteriorate if the neural pattern is not used, or if there are issues with blood flow.

Definition 5: Cord of Consciousness

The cords of consciousness are the outcome of neural patterns; vice versa, a metaphysical sensation reflecting cords of consciousness creates/recreates neural patterns.

When a neural pattern is created, the outcome is a metaphysical sensation, such as memory, feeling, or intention, reflecting the cords of consciousness. Conversely, a metaphysical sensation, such as dreams, ideas, memories, or feelings, creates/recreates neural patterns.

Definition 6: Consciousness

Consciousness is the set of all cords of consciousness. The set can be finite, infinite, countable or uncountable.

According to Definition 6, consciousness is a linear combination of the set of all cords of consciousness. In terms of brain activity, the set of neural patterns includes the potential neural patterns, that is, those that we have not experienced in the current lifetime.

MATHEMATICAL CONSIDERATION OF CONSCIOUSNESS BY MEANS OF NEURAL PATTERNS

Let $N_{\Omega}(X)$ be a spatial-temporal neuron located at position $X=\left(x(t),y(t),z(t)\right)$ in the body (e.g., the brain).

4. $\boldsymbol{N_{\Omega}(X) = a\, e^{-2\pi i X\Omega} = a\, e^{-2\pi i(x\Omega_x + y\Omega_y + z\Omega_z)}}$

where $\Omega=\left(\Omega_x(t),\Omega_y(t),\Omega_z(t)\right)$ is the momentary frequency vector associated with the temporal spatial location $X=\left(x(t),y(t),z(t)\right)$ of a neuron. Constant a represents the momentary amplitude of the neuron response. The model is simplified by setting $a = 1$.

The momentary amplitude of the neural pattern reflects the number of synchronized neurons in the group, that is, the neural pattern that reflects the chord of consciousness.

Let I present the Mona Liza picture. Light is projected from the Mona Liza onto the retina sensors, and from the retina, the signal is transferred to the visual cortex such that neural patterns representing the Mona Liza are created (if for the first time) or recreated. The outcome of neural patterns is metaphysical cords of consciousness. A neural pattern is defined as follows:

5. $\Delta_{(P,\Omega)} = [s(X) * N_{\Omega}(X)](P) = \int_M s(X)e^{-2\pi i(P-X)\Omega}dX = e^{-2\pi iP\Omega}S(\Omega) = N_{\Omega}(P)\mathrm{S}(\Omega)$

The symbol $*$ represents convolution, $\Delta_{(P,\Omega)}$ represents the neural patterns (cords of consciousness), and is a set of frequencies, where $N_{\Omega}(P)$ is the neuronal phase element with a volumetric location in P and $\mathrm{S}(\Omega)$ is the Fourier transform of the input signal $s\left(X(t)\right)$ streaming in the neural network. Ω is the frequency vector associated with the spatial neural volumetric location. The neural patterns $\Delta_{(P,\Omega)}$ represent a set of frequencies defined by $\mathrm{S}(\Omega)$. The frequency vector Ω is associated with the neural volumetric location defined in Eq. 4.

Mathematically, by restoring the signal from Eq. 6, involves integrating the frequencies over the local manifold M, that is,

6. $\boldsymbol{\int_M N_{\Omega}(P)\mathrm{S}(\Omega)d\Omega = \int_M S(\Omega)e^{-2\pi iP\Omega}d\Omega = s(P)}$

However, the actual neurons that participate in the representation of the signal are not necessarily represented by P. Therefore, the restoration process incorporates a neural search mechanism defined as follows:

7. $[\boldsymbol{N_{\Omega}(P)S(\Omega)} * \boldsymbol{N_{\Omega}(X)}](\boldsymbol{V}) = \int_{\boldsymbol{M}} \boldsymbol{S(\Omega)e^{-2\pi iP\Omega}e^{-2\pi iX(V-\Omega)}d\Omega} = \boldsymbol{e^{-2\pi iXV}} \int_{\boldsymbol{M}} \boldsymbol{S(\Omega)e^{2\pi i(X-P)\Omega}d\Omega} = \boldsymbol{e^{-2\pi iXV}s(X-P)} = \boldsymbol{N_V(\mathbf{X})\mathbf{s}(\mathbf{X}-\mathbf{P})}$

The Mona Liza (memory) restoration popped up as a hologram projection in a virtual location set by the differences between the member of the neural pattern *X* and the phase element P of the group patterns representing the cord of consciousness associated with the Mona Liza sensation. V is the neural phase location associated with the hologram projection of the restored Mona Liza, as shown in Figure 2.

The integration manifold *M* (e.g., Equations (5), (6), and (7)) reflects those neurons that fulfill certain associative or/and topological relations defined by the momentary group of neurons. The following is a mathematical consideration of the neural manifold M.

On the Manifold M

A group of neurons $\{N_{X(T)}(\Omega)\}$ is associated with the temporal neural pattern $\mathrm{N}_{P(T)}(\Omega)$, that is, $\{N_{X(T)}(\Omega) \in \mathrm{N}_{P(T)}(\Omega)\}$, where T represents the momentary time interval, and $\mathrm{N}_{P(T)}(\Omega)$ represents the P neural pattern momentary phase. Thus, the neural manifold M_T represents all neural patterns $\{\mathrm{N}_{P(T)}(\Omega)\}$ associated with time interval T. A group of neurons is synaptically connected, and they fulfill the following requirements:

8. $|\mathbf{X}\cdot\boldsymbol{\Omega}| = |\mathbf{P}\cdot\boldsymbol{\Omega}| = \left|\boldsymbol{x\Omega_x} + \boldsymbol{y\Omega_y} + \boldsymbol{z\Omega_z}\right| = |\boldsymbol{p_x\Omega_{p_x}} + \boldsymbol{p_x\Omega_{p_x}} + \boldsymbol{p_z\Omega_{p_z}}|$

where P denotes the virtual phase-hologram location. Alternatively, neuron has a strong connection in the following form:

9. $|\boldsymbol{x\Omega_x}| = \left|\boldsymbol{p_x\Omega_{p_x}}\right|, \left|\boldsymbol{y\Omega_y}\right| = |\boldsymbol{p_y\Omega_{p_y}}|, |\boldsymbol{z\Omega_z}| = \left|\boldsymbol{p_z\Omega_{p_z}}\right|$

The above mathematical condition for the synaptic connection is not mandatory, and/or other mathematical conditions may suit the biological synaptical connections. The temporal neural pattern $\{\mathrm{N}_{P(T)}(\Omega)\}$ is created or recreated during an event that triggers the neural net to react. Based on the above, the integration neural manifold *M* is defined, for example, by the weak condition, as follows:

Definition 7: The Neural Integration Manifold M

The neurons in M satisfy the following conditions:

10. $N_{X(T)}(\Omega) \in N_{P(T)}(\Omega)$ iff $|X\cdot\Omega| = |P\cdot\Omega|$ (or the strong condition Eq. 9)
11. If $\mathrm{N_x}$ and $\mathrm{N_y}$ are two arbitrary neurons in the neural pattern $\{\mathrm{N_P}\}$, then $\mathrm{N_x}$ and Ny are synaptically connected, including the group phase Np itself as part of the group pattern.

Following Definition 7, the integration manifold M (Eq. 5, Eq. 6, and Eq. 7) under Lebesgue integration are those neurons that satisfy the *M* conditions (of note *M* does not have to be a continuous manifold, as mathematically defined in the literature).

Linear Representation of Consciousness

The Schrodinger linear representation of the neural mechanism described in Eq. 8 has the

Following form,

12. $\boldsymbol{s_V(X,t,\mathrm{P}) = e^{-2\pi iXV} s(X-P)}$

where the neural pattern (CoC) is the inner product of the Schrodinger linear representation in Eq. (12), and the neural net defined in Eq. 4, as follows:

13. $\boldsymbol{< s_V(X,t,\mathrm{P}), N_\Omega(\mathrm{X}) > = \int_M N_\Omega(\mathrm{X})\, e^{-2\pi iXV} s(X-P) dX = e^{-2\pi iPW} \int_M s(U)\, e^{-2\pi iUW} dU = \Delta_{(P,\mathrm{W})}}$

where U = X − P and W = Ω + V. One may conclude that the existence of space-time universes, as defined in Eq. 2 and Eq. 3, are just CoC – Cords of Consciousness of the similar Schrödinger linear representation. This means that the universes are just cords of consciousness that transform into neural brain patterns.

Discretization

For simplicity, we assumed that the restoration phase element V = 0. Considering a finite discrete version of Eq. 6 and Eq. 7, where the spatial vector is

14. $\boldsymbol{X_K = (nx_0, my_0, kz_0) = (\frac{n}{\sqrt{D_1}}, \frac{m}{\sqrt{D_2}}, \frac{k}{\sqrt{D_3}})}$

and the frequency vector,

15. $\boldsymbol{\Omega_M = (q\Omega_x^0, p\Omega_y^0, l\Omega_z^0) = (\frac{q}{\sqrt{D_1}}, \frac{p}{\sqrt{D_2}}, \frac{l}{\sqrt{D_3}})}$

satisfy the discrete orthogonality,

16. $c\sum_M N_{\Omega_M}(X_K)\overline{N}_{\Omega_M}(X_L) = c\sum_M e^{2\pi i(X_{K_1}-X_{K_2})\Omega_M} =$
$c\sum_l \sum_p \sum_q e^{2\pi i\left[\left(\frac{(n_1-n_2)q}{D_1}+\frac{(m_1-m_2)p}{D_2}+\frac{(k_1-k_2)l}{D_3}\right)\right]} =$
$c\sum_l e^{\frac{2\pi i(k_1-k_2)l}{D_3}} \sum_p e^{\frac{2\pi i(m_1-m_2)p}{D_2}} \sum_q e^{\frac{2\pi i(n_1-n_2)q}{D_1}} = \begin{cases} 1 \text{ if } k_1=k_2 \;\&\; m_1=m_2 \;\&\; n_1=n_2 \\ 0 \quad \text{otherwise} \end{cases}$

The indices (l, p, q) vary from zero to the total number of volumetric neurons (D_1-1, D_2-1, D_3-1), respectively, and c is the normalization constant. Based on the discrete orthogonality of Eq. 16, we can conclude that whenever a neuron is not part of the neural pattern, the outcome is zero. Thus, based on Eq. 8, Eq. 9, Eq. 10, Eq. 6 and Eq. 7, the discrete memory projection is

17. $\mathrm{I}_{Holo}(X-P) = \left[\Delta_{(P,\Omega_H)} * \mathrm{N}_{\Omega_H}(X)\right](0) = \sum_H\{S(\Omega_H)\, e^{2\pi i(\mathrm{X-P})\Omega_H}\}$

where,

18. $\Delta_{(P,\Omega_H)} = [s * N_{\Omega_H}](P) = \sum_K\{s(X_K)\cdot N_{\Omega_H}(P-X_K)\}$

I_{Holo} is a hologram projection that results from neural restoration activity. $K=(k,m,n)$ is the volumetric spatial vector of the indices, and $H=(q,p,l)$ is the frequency volumetric vector of the indices.

Generalizing Eq. 17,

19. $\boldsymbol{CoC = \left[\Delta_{(P,\Omega_H)} * N_{\Omega_H}(X)\right] = \sum_H\{S(\Omega_H)\, e^{2\pi i(X-P)\Omega_H}\}}$

The left side of Eq. 19 represents Cords of Consciousness (CoC), a metaphysical sensation such as dreams, astral projection, ideas, etc., while the right side of Eq. 19 represents the physical neural activity. Figure 2 and Figure 3 elaborate on this concept.

Metaphorically, the symbol "=" in Eq. 19 symbolizes the virtual channel for channeling between physics and metaphysics. Expanding the virtual sign "=", such as "=", improves channeling and expands consciousness into new wisdom.

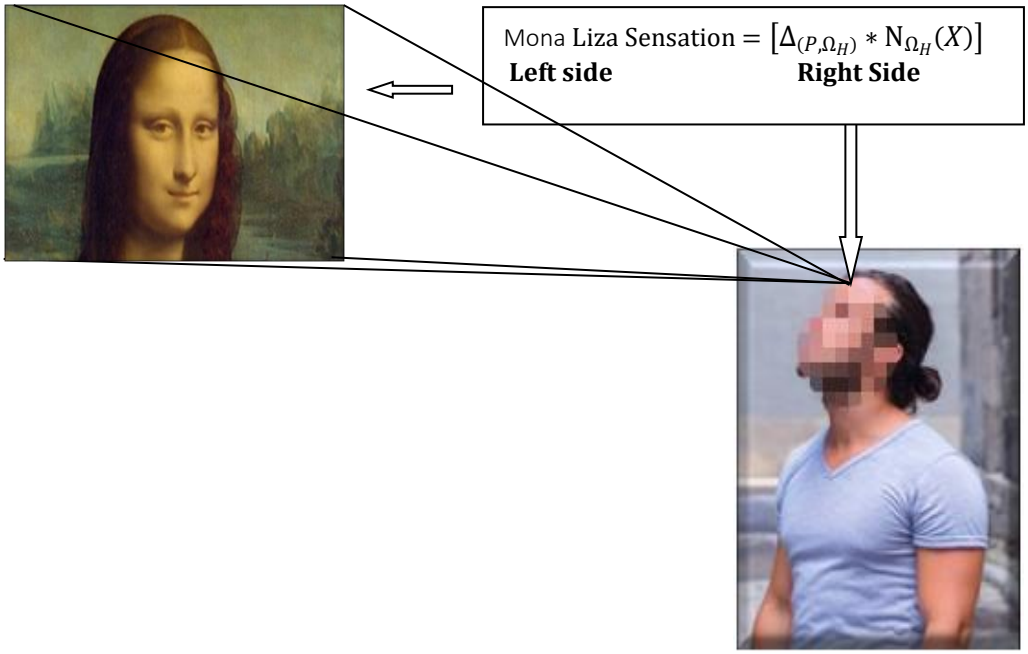

Figure 2. The right side represents the actual brain neural patterns. The left side represents hologram projection of the Mona Lisa. The left Side represents a timeless metaphysical sensation that matched neural patterns in a certain physical body elaborating on the specific local time that the metaphysical information was downloaded. A dream sensation appears in the left side may experience by many individuals from various spacetime universes and everyone is certain that it is his own unique dream. (This picture was used in the author previous publications).

The Mechanism for Ideas, Dreams and OBE:

Whenever cords of consciousness trigger a new set of neural patterns $\{\Delta_{(P,\Omega_H)}\}$ that are never physically experienced, then the outcome may reflect an idea or a new dream, feeling, astral projection, OBE, etc.

Cords of consciousness reflect sensations that occur whenever neural patterns are created, regardless of whether they have been experienced previously.

The mechanisms used to generate ideas, lucid dreams, astral projection, or outside body experience (OBE) involve intention and energy investment. It starts with an undoubtable belief in self-encouragement to support one's inner abilities from within. For example, say that I have full energy to communicate with the left side of Eq. 19 or I let the left side of Eq 19 (e.g., my virtual body, my pure consciousness, my unconsciousness, my soul) resolve my

problems. Others would say I let GOD resolve my problems; it does not matter. The left side of Eq. 19 is there, it is better to understand the physical-metaphysical connection, as described in Eq. 19.

There are techniques to improve astral projection or lucid dreams [12].

Doubt is a characteristic that blocks intention; therefore, whenever a doubt is inserted into Eq. 19, it blocks the potential sensation of astral projection, lucid dreams, ideas, and so on. Avoid doubt in Eq. 19, do not inset doubt into your intention. Be a dreamer and expand consciousness beyond physics.

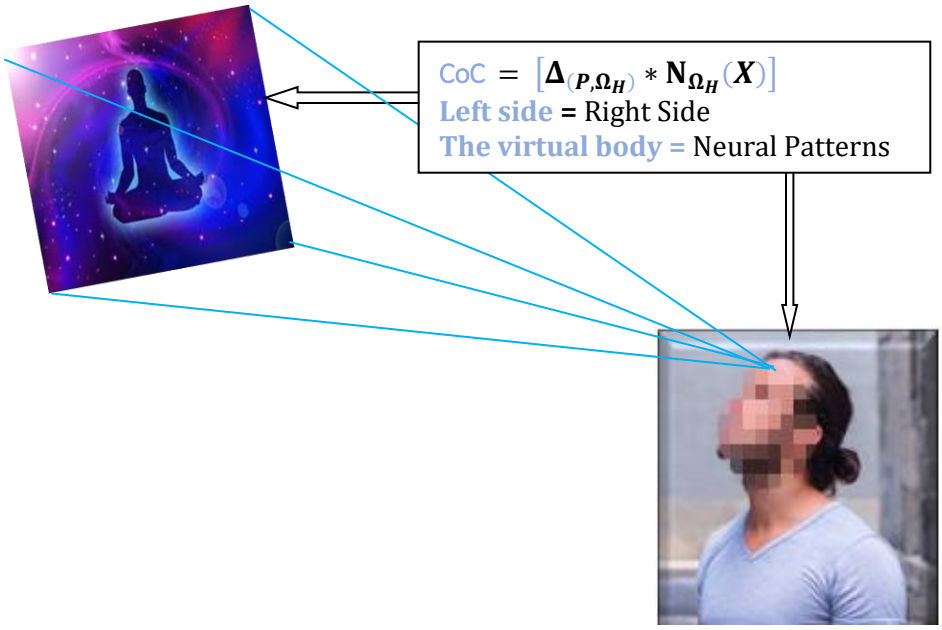

Figure 3: Right side represents the actual brain neural patterns projecting the sensation of the virtual body. Left Side represents a timeless metaphysical sensation that matched certain neural patterns. A timeless metaphysical event is an idea, dream, feelings, intention, astral projection or OBE as the sensation of the virtual body, etc.

THE NONUNIQUENESS OF CONSCIOUSNESS

Although the body is unique to each spacetime universe, its consciousness is not unique. Returning to Eq. 19, the left side of the equation represents a metaphysical sensation that matches a certain neural activity on the right side of the equation. The metaphysical sensation can be a dream, intention, feeling, etc. However, the same metaphysical sensation can be experienced by other entities that create neural patterns similar to the left side of Eq. = 19.

The left side of Eq. 19 is a timeless event, that is, a sensation, whereas the right side indicates the local time that an individual's neural patterns have matched a timeless sensation on the left side of Eq. 19.

Elaborating on the above, a person's dreams can be shared by other individuals living in different spacetime universes. Each individual feels that the dream is its own intimate dream,

that is, cords of consciousness, but it seems that the left side of Eq. 19 is timeless and is experienced by many others from different spacetime universes sharing similar neural patterns. Consciousness is not unique to a single person. Humans, animals, aliens (from this spacetime universe), and extraterrestrials (from other spacetime universes) share one complete non-dimensional timeless metaphysical space.

Surprisingly, the left-hand side of Eq. 19 triggers the right side, just as the right side of Eq. 19 triggers the left side. Ideas, dreams, lucid dreams, astral projections, etc., are sensations on the left side of Eq. 19 that triggers neural activity in many bodies of different space-time universes.

Do not say it is impossible, try to be out there as pure consciousness experiencing the left side of Eq. 19. When a metaphysical journey is downloaded into awareness, neural patterns are created, and we will remember the metaphysical journey; otherwise, the journey is faded, that is, not so clear or will not be remembered.

Figure 4 elaborates on the existence of multiple universes as cords of consciousness (Eq. 4 and Eq. 7). On the one hand, cords of consciousness are virtually located on the hologram surface defined by $N_P(\Omega)$ while considering universes that are located virtually on a distinct hologram phase surface, implies that space-time universes are just cords of consciousness. Everything is in our consciousness and depends on downloading metaphysical information into our neural patterns.

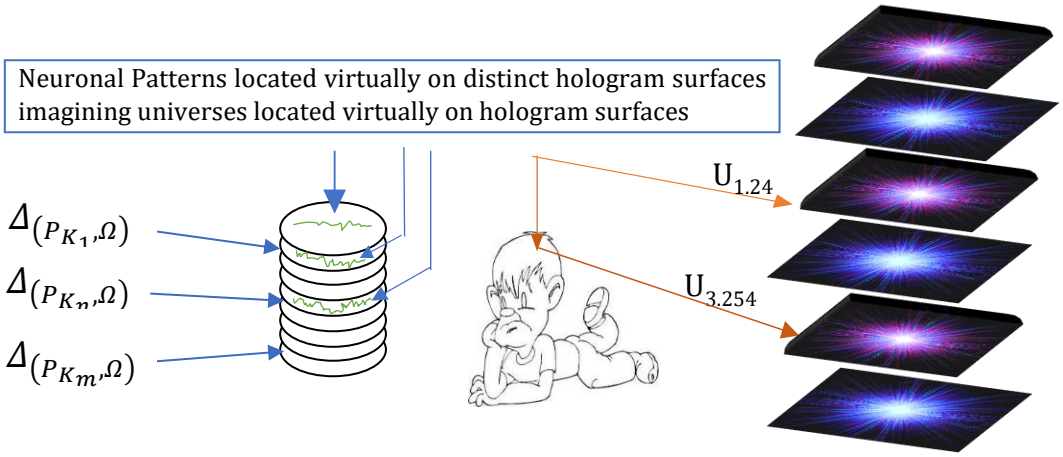

Figure 4: Cords of consciousness at different phase holograms imagining spacetime universes virtually located on different hologram surfaces. Everything is connected via cords of consciousness. (This picture was used in the author's previous publications.)

Of Note, space time universes are just cords of consciousness and the linear Schrodinger Representation of spacetime Universes lead us to understand that matter can be shifted from one space-time Universe into another space-time Universe or within the space time Universe itself, just by controlling the frequencies associated with selected matter. It can be done by the ability to control the pure consciousness. Being a conscious trapped in a human body does not limit the consciousness ability. That is not all, food, DNA and the human body can be transfer from one location into an alternative location as in Stargate teleportation or food replicator.

Considering a machine that is executing the Fourier transform on actual physical object (including biological object) then once the object is transformed into the frequency domain it is free of any space time universe constrains and therefore it is possible to restore the object in any desired space time universe.

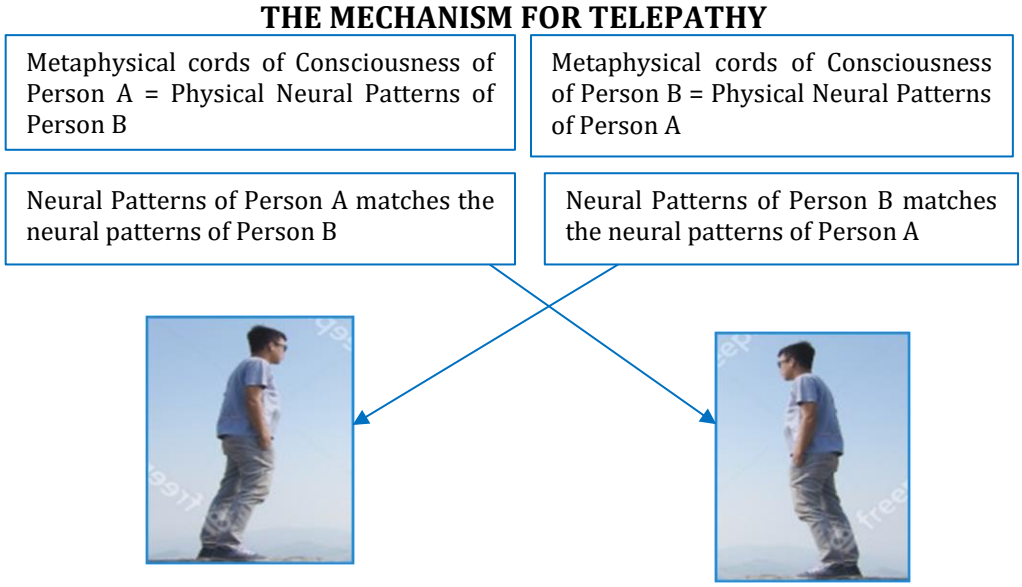

Figure 5: Person A and Person A share mutual metaphysical cords of consciousness defined on the left side of Eq. 19, while on the right side of Eq. 19, both individuals create similar neural patterns. If the cord of consciousness represents astral communication, then both individuals communicate telepathically.

Figure 5 elaborates on the idea of telepathy. If cords of consciousness are shared by persons A and B, then they share the same idea, but if the mutual cords of consciousness represent astral communication, then the sensation of both individuals is astral communication, representing telepathic communication.

The main issue with astral communication is the ability to share an identical virtual (metaphysical) scene; otherwise, individuals will not communicate telepathically. Clarifying this issue, in astral projection, one consciousness may find itself in virtual phase 3.54 and the other consciousness in 4.33. Within the same phase, it is necessary to share an identical scene. This means that neither individual will share telepathic communication because they do not share an identical virtual scene. Although each consciousness may generate the image of the other person, they are not transmitting or receiving on the same channel. The idea is to share a mutual virtual scene, so that each person knows that he is communicating with the other consciousness. This is similar to aviation communication; pilots and the controller should communicate at identical frequency. Otherwise, one may transmit but no one will be able to receive.

The new world will learn how to control astral communication during awakens. This is the only way to communicate above the speed of light. In a world traveling in spacetime

universes, communication above the speed of light would be telepathic astral projection or OBE communication.

DOWNLOADING INFORMATION

Intention is key to downloading metaphysical information. This triggers consciousness to match the neuronal patterns. Whenever the body creates neural patterns, we may conclude that the metaphysical sensation is downloaded into the brain neural network as a neural pattern; otherwise, the dream will fade or will not be remembered at all.

Therefore, it is important to train the brain to remember dreams. Writing the dreams as a first action in the morning after waking up and giving instructions, such as a user manual about what to do in an astral projection, would be a good starting point. The idea is to experience astral projection or OBE by disconnecting the physical sensors, that is, setting off the physical sensors while keeping the consciousness ON; then, the sensation would be OBE.

An experienced individual in OBE would be able to be fully aware were the physical sensors are set ON and simultaneously in OBE sensation. The sensation would be like being in two places, simultaneously.

Imagining a new age, where we would be able to be metaphysical in several places, for example, while physically talking in a restaurant, the pure consciousness experienced multiple sensations simultaneously. If the sensations incorporate communication with other entities, then once these sensations are downloaded into our neural patterns, we are aware of the metaphysical communication as telepathic audio-visual communication. When a sensation is remembered then neural patterns are created. The task involved learning how to control the OBE sensation. This is the future of mankind; it opens new ways to communicate with other entities from different space-time universes in astral projections as telepathic communication. Experiencing pure consciousness to solution to a certain problem, ideas, visions, imagination, dreams, or being out of body in the dimensionless metaphysical space would be the new way of life.

SUMMARY

A cord of consciousness is a metaphysical sensation of an outcome of a neural pattern. A neural pattern creates a set of temporal waves. Each temporal wave is characterized by the neuron special-temporal-frequency vector. The shape of the temporal waves is the result of the reaction in the neural pattern to the temporal stimulus streaming in the neural network.
The metaphysical timeless, dimensionless, unique space incorporates the space of consciousness representing any potential scenario, including the sensation of matter and complementary matter. Positive energy is matter at attraction at level zero from the right of the zero and negative energy is complementary matter at complementary attraction level zero from the left.

Consciousness is a linear combination of cords of consciousness. The cords of consciousness are neural patterns. Consciousness is a timeless, non-unique, dimensionless virtual network embedded within the metaphysical, timeless, one-unique, dimensionless space. Consciousness incorporates intention, whereas the metaphysical space is everything.

A spatial-temporal volumetric neuron is a frequency reactor to a stimulus streaming in the neural network. A synchronized reaction of group of neurons determines a neural pattern. A neural pattern is characterized by its phase and magnitude. For simplicity, the magnitude was normalized to one.

According to the definition of a neuron as a frequency reactor, neural patterns are a collection of waveforms. Each waveform has a unique frequency determined by the reaction of a special-temporal volumetric neuron.

The information restored from the neural patterns is a hologram projection or astral projection, as defined in Eq. 19. One side of Eq. 19 represents neural activity, and the other side of Eq. 19 represents metaphysical sensation. Eq. 19 represents the metaphysical-physical relationship.

The metaphysical side of Eq. 19 represents a timeless consciousness sensation; it is the thing we cannot touch, but we know it is there, and the other side represents momentary neural activity, that is, the part we can touch. Neural activity is linked to a specific time reference, whereas consciousness sensation is a timeless metaphysical sensation.

The metaphysical portion of Eq. 19, that is, consciousness, may trigger neural activity, just as neural activity triggers memory restoration, in that sense downloading the metaphysical information. When consciousness sensation triggers neural activity, ideas may pop up, lucid dreams, astral projection, and/or OBE, enabling communication without any physical boundaries.

It is now time to learn how to control the OBE so that we can communicate telepathically in astral projection between us and between other dimensions independent of any physical boundary, such as the speed of light, location or time.

Whenever a dream is fully remembered, we may conclude that the metaphysical sensation was downloaded into neural patterns; otherwise, the dream would fade or not be remembered. Therefore, it is important to train the brain to remember dreams. Therefore, it is important to write down dreams as the first action after waking. Furthermore, it is important to embed what to do within the consciousness instructions, such as a user manual, when in an astral projection sensation. It takes time to learn to fully control the sensation of astral projection or the OBE.

In the first stage of experiencing astral projection (or OBE), the physical sensors are disconnected, that is, the physical sensors are set OFF while the consciousness is kept ON; then, the sensation becomes OBE.

However, the goal is to experience the OBE sensation during awareness, wherein the physical sensors are ON, while the OBE sensation is ON simultaneously. The sensation would be like being in two places, simultaneously. This is the future of mankind, where we can experience the OBE sensation of pure consciousness communicating telepathically multi-independent sensations in several virtual places while attending a physical meeting in a restaurant.

Consciousness involves the knowledge of every cell in the body, reflecting a virtual body with virtual eyes, mouth, ears, nose, and brain. We need to learn how to use this in astral projection or OBE.

Finally, in a world of extended consciousness, we communicate telepathically, travel through teleportation gates, and travel in spaceships independent of physical boundaries. It is our conscious ability to virtually see and understand beyond physics.

Conflicts of Interest

The authors declare no conflicts of interest regarding the publication of this paper.

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