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Time Real 3_Dimensional, a Mirror Imaginary For Reflecting Information Physical World

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Abstract

According to the law of equivalence of information and energy, information can directly affect objects. Inertial mass is equivalent to information and both are in time nature. Just as a star can have a diameter greater than the distance travelled by light in one second in space, information can also have a length in time dimension and space dimension based on the length of density. The transmission of information faster than the speed of light depends on the density of the field of mass. Information in very small units through white holes can be transmitted faster than the speed of light. Every physical nature, such as mass, momentum, force, etc., has a couple in the real dimension of time, and in space, time is a couple. Space-time is the basis for information fields and information can have a positive curvature over time. In the 3+3 six-dimensional space-time, spatial and temporal natures have been investigated. We found out that the human brain can transmit and receive information faster than the speed of light to three dimensions of time: past, present and future. In consideration of the impossibility of contravening special relativity and the equivalence of mass and information, it is evident that the transmission of information can only be through data compressing and decoding also the transmission of information can be based on selective entanglement.

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1. Introduction

Any object in motion follows a set of information and this information has a direct relationship with the movement of the object. In other words, the information associated with an object's motion is equivalent to the energy driving that motion. [1] One of the fundamental principles underlying this equivalence is the temporal nature of the information.

Information is not static, but rather dynamic and temporal. It can exert force on a particle regardless of the distance in space, based on the equivalence of inertial mass and information. This means that information has the potential to influence physical systems and their behavior, even across vast distances. [2] In the context of the human brain, information is directly linked to various cognitive processes such as language, self-awareness, and memory. [3] Language, in particular, plays a crucial role in shaping our understanding of the natural world. The human brain has the remarkable ability to classify and store words based on their meanings, creating an organized and classified set of linguistic forces that shape our perception and interaction with the world around us. [4] The implications of this equivalence between energy and information are far-reaching, extending beyond the realm of human cognition and into the broader understanding of physical phenomena. Masaru Emoto's experiments with water molecules provide a compelling example of how human consciousness and intention can influence the structure and behavior of physical entities. In these experiments, water molecules were shown to be affected by the thoughts and intentions of individuals, demonstrating the profound impact of information on the physical world.

Furthermore, if Masaru Emoto's experiment were to be simulated by a machine, with the input information being randomized, the results would likely vary significantly. This highlights the intricate relationship between information and its effects on physical systems, as well as the potential for variability in outcomes based on the nature of the input information. In the realm of quantum physics, the effect of turbulence in gravitational fields has been shown to impact phenomena such as entanglement. This has led to the development of devices designed to directly influence the polarization of photons based on input information. These advancements underscore the profound connection between information and physical processes at the quantum level, opening up new possibilities for harnessing the power of information to manipulate and control quantum phenomena. In conclusion, the equivalence between energy and information represents a fundamental principle that underlies the interconnectedness of physical systems and cognitive processes. From the dynamics of motion to the intricacies of quantum entanglement, information plays a pivotal role in shaping our understanding of the universe and our ability to interact with it. As our understanding of this equivalence continues to evolve, it holds great promise for unlocking new frontiers in both physics and information theory, offering insights into the profound interplay between the tangible and intangible aspects of our world.

2. Processing of Information in the brain

Human intellect and logic are intricately linked to intelligence, serving as the foundation for human thought. thinking process is rooted in related memories and relies on logical analogy based on intellect. As a result, thinking creates the imagination, which Creates consciousness over time of natural facts and truths. Imagination is a derivative of truth. The depth of imagination and thinking depends on the level of knowledge. Based on this, self-awareness is human awareness of three times: past, present and future. If we take the integral over self-awareness function, we will reach consciousness. Figure1 Consequently, consciousness is a derivative of consciousness itself. It plays a fundamental role in all stages of language. As a result, there is a logical connection between language and mathematics that governs the world. This means that all facts in the world have an equivalent in the human brain, and also that all human thoughts and issues have

physical facts in the world. For example, irregularities can be equated with things like lies. Humans are not conscious in sleep, but he has self-awareness. For this reason, he does not notice the passage of time in his sleep. And his thinking is not based on the facts of the world.

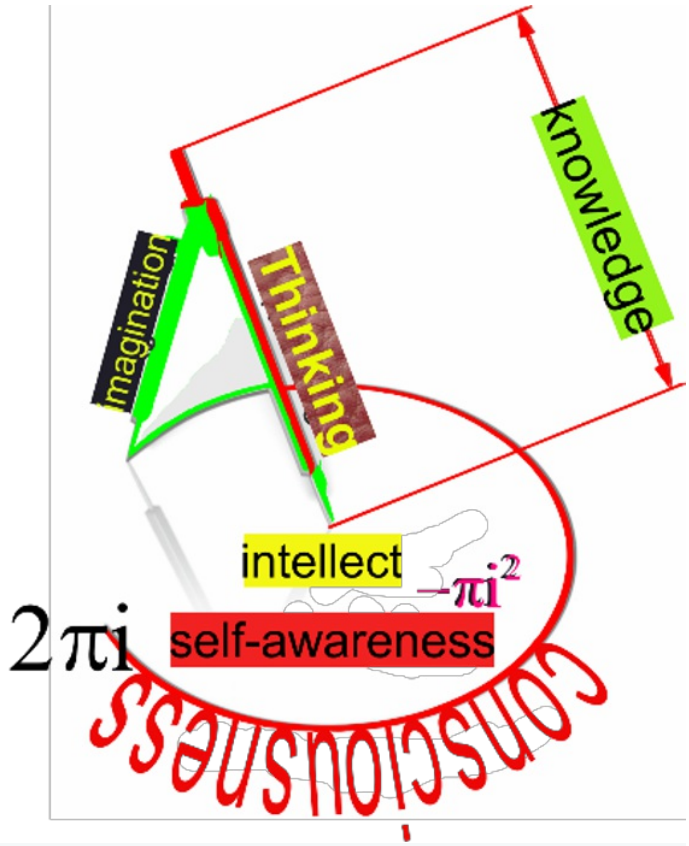

Figure 1. Words are mathematical functions that create a logical connection between the mind and the world. The connection between consciousness, imagination, thinking and... is a completely mathematical phenomenon based on physical facts.

3. Result

As a result of this insight into the nature of information and empirical observations of self-awareness and consciousness, which is based on neuroscience studies, A new perspective can be explored. Information is directly related to density and time. As a result of this relationship, the phenomenon of selective entanglement can be tested for transmitting compressed data faster than the speed of light.

A. Density and Information in the six-dimensional space-time

The concept of density can be likened to a spatial and temporal length in the six-dimensional space-time,[5] as it rotates around the mass field, giving rise to the wavelength of an object over time. This phenomenon, as depicted in Figure 2, is wherein the movement of an object leads to a change in its wavelength, and the kinetic energy of the object influences the

radius of the field and metric of space-time. (3.1) These rotating fields exist in two forms, with an increase in radius in one field corresponding to a decrease in radius in the other related field. Consequently, the increase in speed of an object results in the creation of relativistic mass.

$$\lambda = \frac{h}{mv}$$

$$g_{\mu\nu} = \begin{bmatrix} ra^2\cos^2\theta\cos^2\phi & 0 & 0 & 0 & 0 & 0 \\ 0 & r^2a^2\cos^2\theta & 0 & 0 & 0 & 0 \\ 0 & 0 & r^2a^2 & 0 & 0 & 0 \\ 0 & 0 & 0 & a^2r^2 & 0 & 0 \\ 0 & 0 & 0 & 0 & a^2r^2\sin^2\theta & 0 \\ 0 & 0 & 0 & 0 & 0 & ar^2\sin^2\theta\sin^2\phi \end{bmatrix}$$

$$\sin\theta = \sqrt{1 - \frac{v^2}{c^2}} = \sin\left(\cos^{-1}\left(\frac{v}{c}\right)\right) \quad r, a \propto \lambda$$

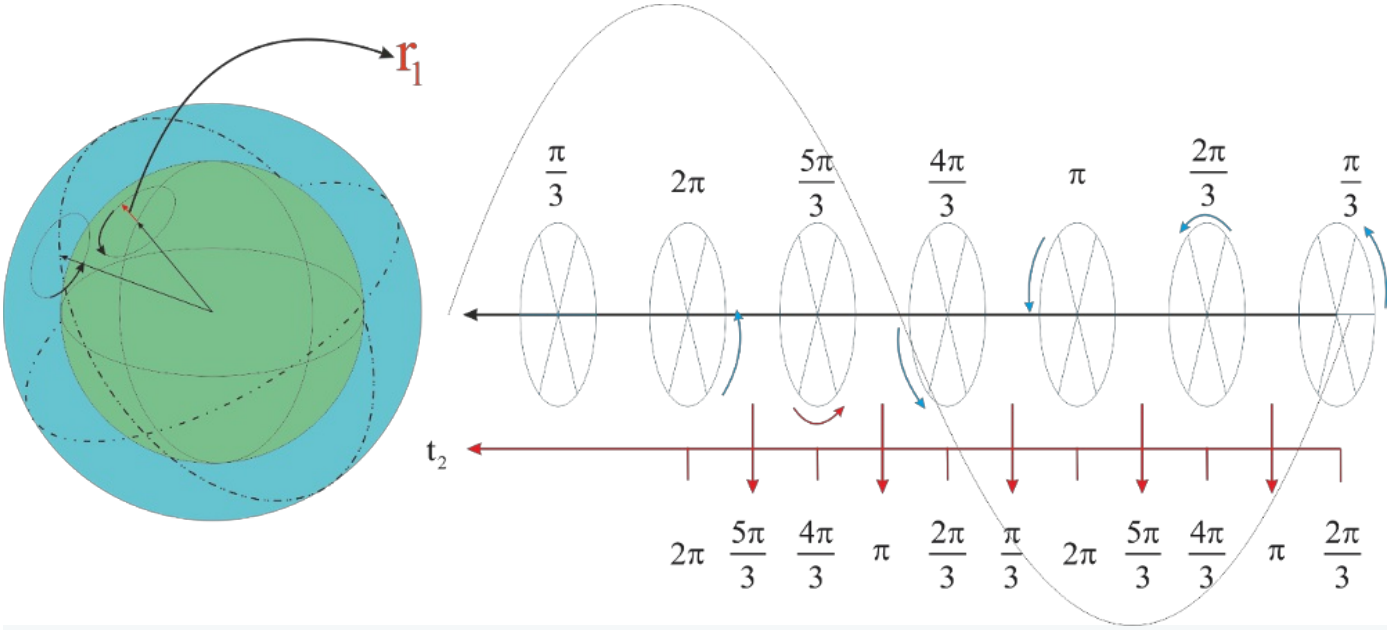

Figure 2. The wavelength of a moving object is contingent upon the radius of the density field within which it operates. Furthermore, the mass induced by the object's movement is intricately linked to alterations in the radius of the density field.

Based on the theory of information in three dimensions of time, and the definition of negative density in the theory of six-dimensional space-time, information can be the link between quantum mechanics and general relativity. And also, the connection between quantum mechanics and information processing in the human brain is proof of this. The deep connection between language self-awareness and physics is based on mathematics. The range of force applied in space exerted by information of a temporal nature depends on the compression of information in time. This means that the

information has a temporal nature and must be focused to affect the space. As a result, it is necessary to compress the information that has been formed over time. Observation causes the collapse of the wave function associated with the particle, and in the phenomenon of entanglement, the observer measures a section of space-time in six-dimensional space-time. This impact affects the entire world. The influence on the future and the past is done only through information. Accordingly, information has a field in six-dimensional space-time (A-M equation). (3.2) These fields are directly related to mass. And the metric of this space depends on the presence of mass in space-time or the linear world. The existence of similar conditions for the rotational tensor of the wave function during space-time leads to the violation of Bell's inequality. Also, the principle of uncertainty is violated over time.

$$\Psi_{\mu\nu} + R_{\mu\nu} - \frac{1}{2} R g_{\mu\nu} + \Lambda g_{\mu\nu} = \left(\frac{\pi - 2}{2}\right)^6 \left(\frac{he}{c}\right) T_{\mu\nu} + K_{\mu\nu}$$

$$R_{\mu\nu} - \frac{1}{2} R g_{\mu\nu} = I_{\mu\nu}$$

B. Selective entanglement

The displacement of physical masses results in the disruption of the gravitational field, giving rise to turbulence within its domain. This phenomenon occurs as a consequence of the interaction between mass and the fabric of spacetime, leading to perturbations in the gravitational force. Such disturbances can be observed when objects with mass undergo motion, causing fluctuations in the surrounding gravitational field. The resultant turbulence manifests as variations in the gravitational potential, influencing the trajectory of nearby objects and contributing to the dynamic nature of gravitational interactions. Upon entry into the turbulent field, a photon with relativistic mass experiences a discernible impact from the field, albeit one that is ultimately negligible in magnitude. This interaction results in a shift in the polarization of the photon, highlighting the subtle yet perceptible influence of the turbulent field on the behavior of the photon. [6] Despite the seemingly minor nature of this effect, it underscores the intricate interplay between electromagnetic radiation. Just like when sunlight hits the surface of a moving river. The photon polarization is constantly changing in the turbulent gravitational field. The interplay between the gravitational forces and the photons results in a continuous change of polarization, highlighting the intricate relationship between light and gravitational fields.

This intricate interplay serves as a compelling example of the profound impact that environmental factors can have on the behavior of photons, shedding light on the intricate dynamics at play in the natural world. In light of the aforementioned concept, it is conceivable to devise a device aimed at examining this phenomenon. This device would involve the utilization of a spinning wheel to generate entangled photons. By altering the speed of the rotating table, it becomes possible to manipulate the polarization of these photons. Figure 3

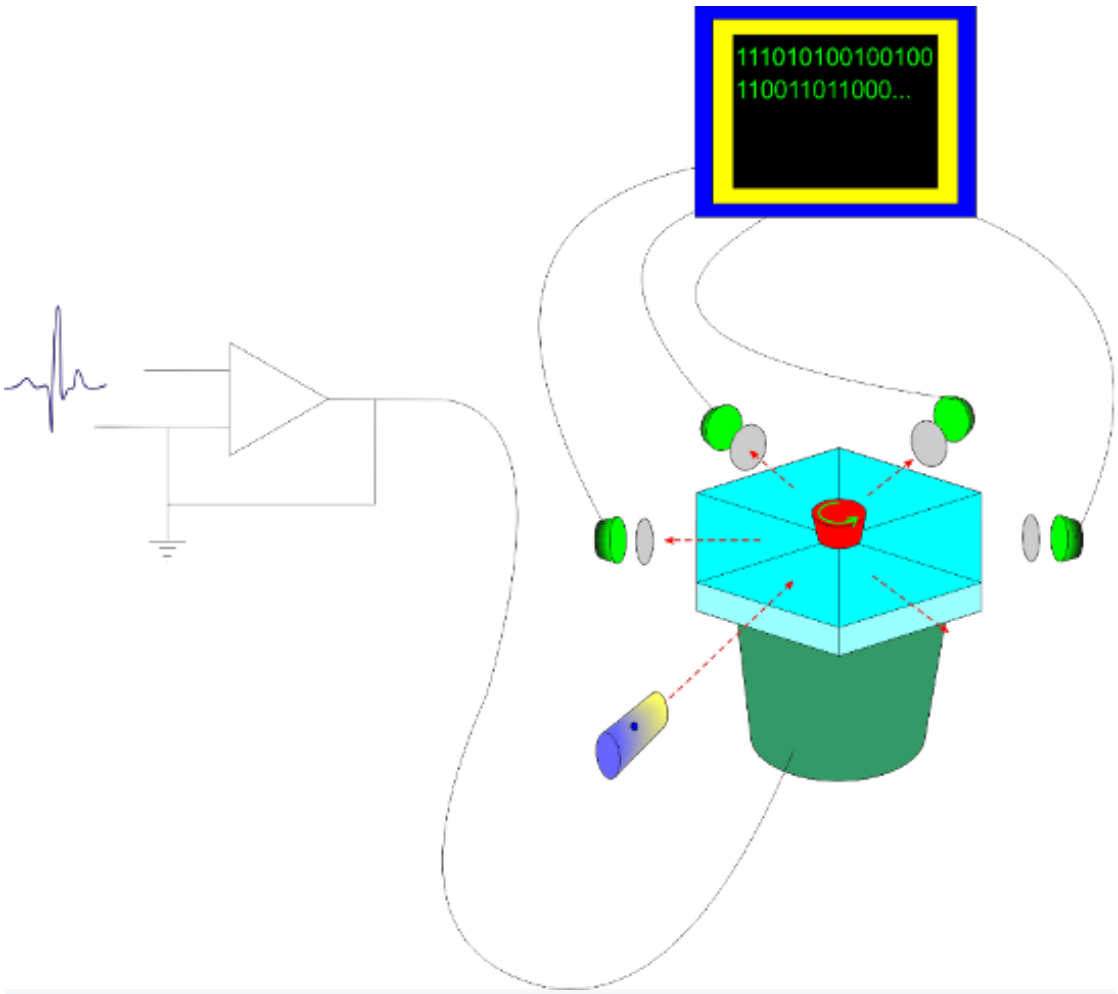

Figure 3. The rotation speed is changed by fast-controlled pulses. The smallest change associated with the polarization of photons is detected by sensors.

C. Transfer information based of entanglement

Using the short-time Fourier transform, the spike pulses are sampled in information-overlapping ways. Based on this, sampling is done with different weights and the information is aggregated. Based on the use of delay blocks, the received information is stored in a pulse over time. Accordingly, for each information unit, there is only one pulse with specific characteristics. And the same set of neurons that encode information can decode it. These changes in the memory peaks can change the acceleration of the entangled photon generator. Also, this operation is reversible. That is, it can decode compressed information based on the polarization change. Figure 4

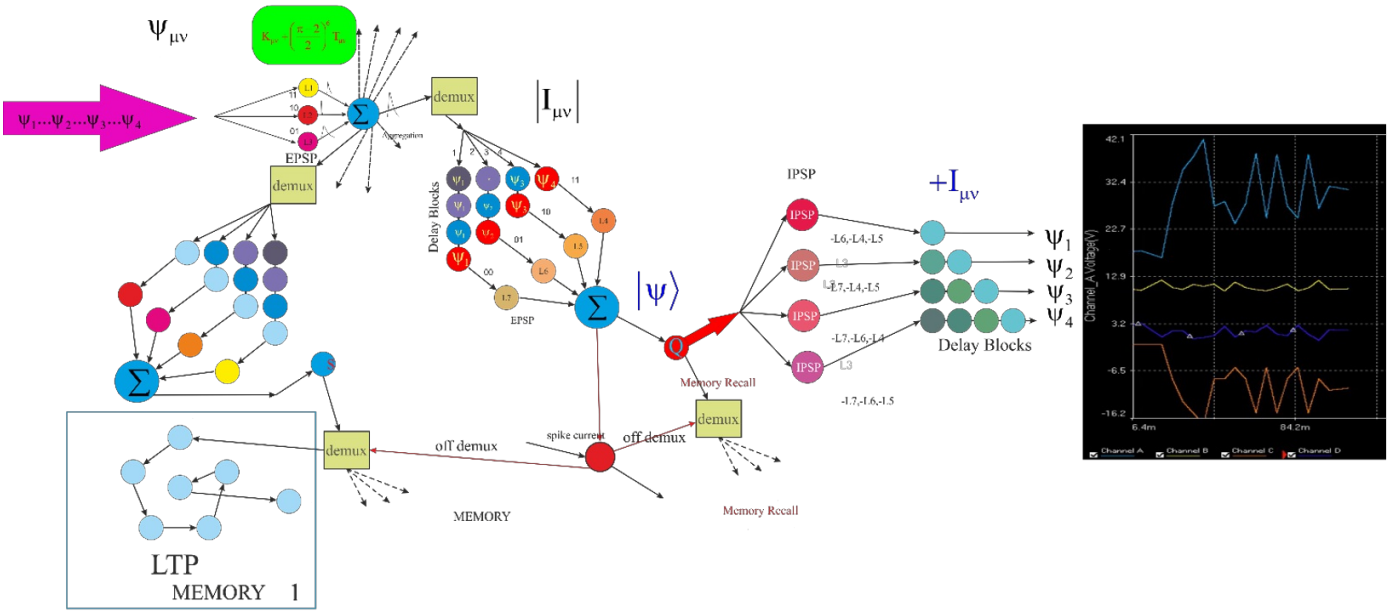

Figure 4. Block diagram of information compression, transmission and decoding. The role of inhibitory neurons in information decoding based on parallel transport is used in geometry.

D. positive curvature and Small white holes

In general relativity, mass and energy can affect the geometry of space-time. In six-dimensional space-time, the structure of space-time creates geometrical information related to mass. This means that quantum fluctuations are related to the geometrical property of space-time expansion. Accordingly, the symmetries in the geometric information fields during space-time cause the creation of matter and antimatter.

Accordingly, the positive curvature in the space-time structure is related to the concentrated information field in space-time. And the information that is over time is compressed in a pulse. pulses of information over time are like a white hole in the space-time. White holes can be the interaction agent from very large distances. Figure 5. Small white holes behave like wormholes. And entanglement is the basis of these laws. In quantum selective entanglement, it is dependent on the geometric assumption of information. It means that any tensor can potentially form based on to indicate the existence of information fields.

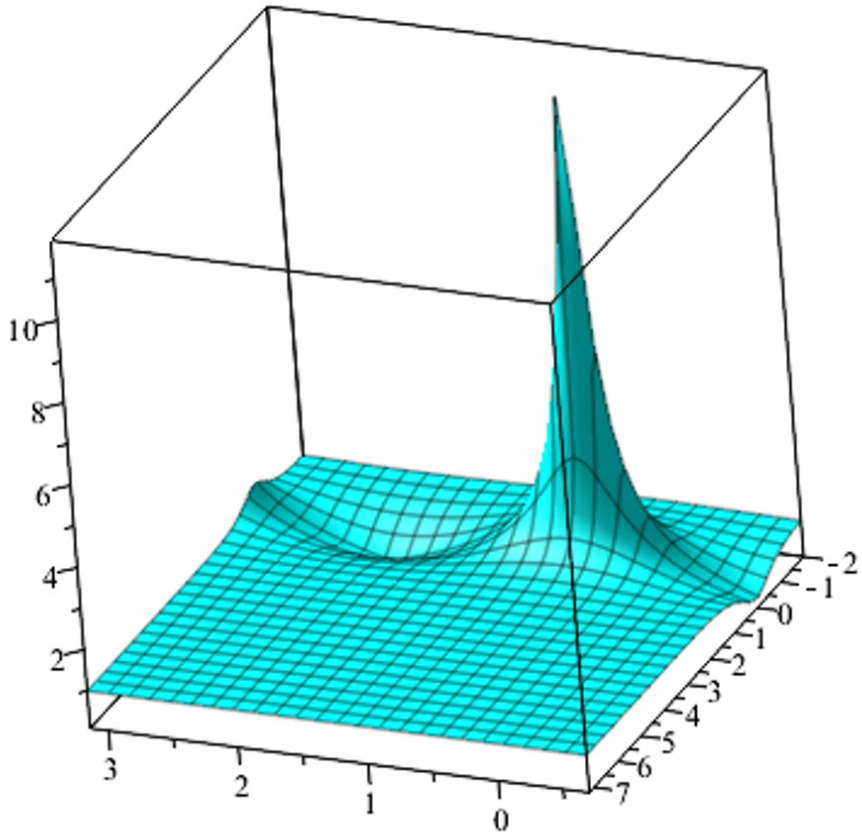

Figure 5. The information field is formed along space and time, and by compressing the information, information peaks can be created in 6-dimensional space-time. White holes of information are like Dirac's delta function. Accordingly, entanglement follows the same rules as wormholes. In the quantum system in question, each unit of information is compressed as pulses.

4. Discussion

The principle of equivalence of information and energy posits that information can directly impact physical entities. information, when broken down into minuscule compressed units based on space-time geometry, can be transmitted at speeds surpassing that of light through white holes.

The human brain can transmit and receive information across the three dimensions of time – past, present, and future – at a velocity exceeding that of light. [2][3] This phenomenon can be likened to the compression of information, analogous to the formation of a white hole. Compressed information can traverse time without contravening the principle of cause and effect because the same material system that compresses the information can decode it.

The framework of space-time serves as the underpinning for information fields, with information potentially exhibiting a positive curvature over time. In the context of the human brain, information is intricately linked to various cognitive processes such as language, self-awareness, and memory. Language, in particular, plays a pivotal role in shaping our

comprehension of the natural world. The processing of information in the brain suggests that imagination is derived from truth, and there exists a mathematical and physical expression for psychological phenomena. It is noteworthy that no physics-based equation of psychology is employed for human behavior.

Furthermore, the potential for transmitting information at speeds surpassing that of light holds significant implications for quantum computing and brain-computer interfaces, offering promise for technological advancement and a deeper understanding of the universe. This breakthrough challenges our current understanding of physics and presents an opportunity to expand our knowledge, ultimately marking a significant step forward in unravelling the mysteries of the cosmos.

Statements and Declarations

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Conflicts of Interest

The author declares that there are no conflicts of interest. The author takes full responsibility for the content and writing of this article.

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