

# The Structure of the Universe and the Time

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## Abstract

This research paper explores the intricate nature of human beings through the lens of consciousness, proposing a novel framework that integrates the concepts of conscious, subconscious, unconscious, and a newly defined level termed “Outconscious.” The outconscious is posited as a mediator of unseen information that influences human behavior, decision-making and time progress, operating independently of the conscious mind. The paper delves into the mechanics of how intentions and actions are manifested through the interplay of neutrinos and bosons, suggesting that the information processed by the unconscious is transmitted to the universe, eliciting reactions that impact individual experiences. It further examines the implications of dark matter and a unique particle, dubbed the “Hole particle,” which neutralizes interactions and may explain phenomena such as illness or suffering. The intersection of free will and external cosmic reactions is evaluated, proposing that conscious intentions can provoke a response from the universe that may hinder human progress. Ultimately, the study advocates for the potential of managing these interactions to foster well-being and explores the philosophical ramifications regarding the nature of reality itself.

## Keywords

Neutrinos, Bosons, Cell Biology, Dark Matter, Psychology

## 1. Introduction

The human experience is a complex tapestry, woven with layers of consciousness, subconscious processes, and unseen influences that shape our perceptions and actions. This research paper proposes a novel framework that expands our understanding of consciousness by introducing the concept of the “outconscious”—a mediator of unseen information that operates independently of the conscious mind, yet profoundly impacts human behavior, decision-making and reality’s notion.

In my investigation, I explore how the mechanics of quantum states contribute to the manifestations of human intentions and actions. Neutrinos and bosons act as carriers of unconscious information, transmitting it to the universe and eliciting reactions that shape individual experiences. The interplay of these particles highlights the unseen yet profound impact of the quantum realm on human cognition and behavior and vis versa.

Moreover, the mysteries of dark matter and dark energy continue to intrigue scientists, as their properties remain largely unknown despite being inferred from gravitational effects. Understanding dark matter and dark energy is crucial, as they play significant roles in the structure and expansion of the universe [1].

In my exploration of dark matter, I introduce the concept of the “Hole particle”. This unique entity, which may constitute black holes, is theorized to have the capability to neutralize most of the interactions. Understanding the nature of the Hole particle could provide valuable insights into complex phenomena such as well-being. Furthermore, this concept might contribute to the definition of the cosmological constant which has been the subject of extensive research and debate [2].

On another note, general relativity illustrates gravity as the curvature of space-time influenced by mass and energy. I propose each distinct relative coordinate system, shaped by its matter, possesses its own unique curvature of space-time.

My research posits that managing these interactions could foster well-being and offer profound philosophical implications about the nature of reality itself.

## 2. Understanding Human Consciousness

### 2.1. Freud's Levels of Consciousness

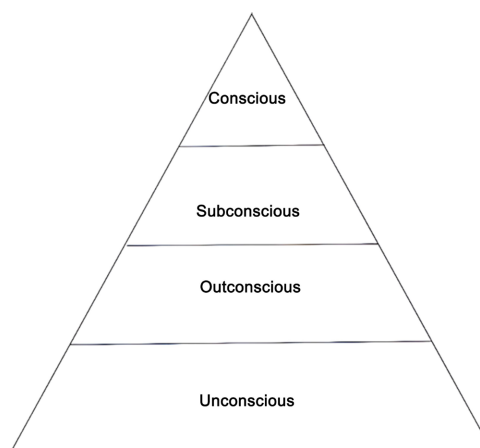
I've been meaning to find the answer to this question: What is a human being? Looking at the human being as a machine, it is influenced by the conscious, subconscious, and unconscious, as per mainstream psychology or Freud. Freud [3] suggested that the unconscious is shaped by the experiences and traumas a person goes through in their childhood or previous life. These experiences profoundly affect a person's decisions in the present. However, it's essential to acknowledge that other external factors significantly influence a person's behavior. These inputs are: outconscious information.

According to Freud, the brain comprises three levels of consciousness. The conscious mind observes the environment through the five senses, then transmits the information to the subconscious and the unconscious to make decisions based on the intricacies of the unconscious.

The brain contains an additional level known as “the outconscious” that has the ability to perceive things that are unseen to the human eye. This level, which I will call “outconscious,” is situated between the unconscious and the subconscious levels, and it operates independently from both.

The position of the outconscious level in Freud's pyramid is: (Figure 1).

The “outconscious” is directly connected to the subconscious and unconscious, bypassing the conscious. Its primary function is to gather comprehensive



**Figure 1.** The “updated” Freud’s pyramids.

information about unseen phenomena and then transmit it to the unconscious mind. Subsequently, this information is processed in conjunction with existing data received from the conscious mind (through the five senses). Finally, the integrated information is communicated back to the subconscious and potentially the conscious, contingent upon the awakening level of the individual.

## 2.2. Outconscious Definition and Function

The unconscious mind processes all information received from the senses and the subconscious level. It then determines the solution, action, or intention to be performed based on the retained background (traumas, beliefs, etc.).

The unconscious communicates its actions or intentions to the outside world through the outconscious level, likely via direct contact through quantum reactions, in order to execute the action.

The cerebral waves responsible for this intention or action are the delta waves (0.1 ~ 4 Hz) [4].

The intention or action resulting from the unconscious is typically an image, a voice, a feeling, or a sequence of images. These are conveyed by impulsive waves with an amplitude  $I$  as  $I \in \Pi^n$ ,  $n \in \mathbb{N}^*$ .

$I$  is a matrix that carries the information of the intention or action decided by the unconscious.

## 3. The Process of Manifestation

### 3.1. Role of Neutrinos and Bosons

The impulsive wave carrying the information  $I$  communicate it to a particle of type Neutrinos by direct contact (This will be covered in a different article).

I consider the matter as continuous support and I posit that in the steady state, the Neutrinos possess its own information of beginning  $I_N^0$  (which has the same dimension as  $I$ ).

When the Neutrino is triggered by the impulsive wave carrying the information  $I$ , his state of information shifts and becomes  $I_N^1$  with  $I_N^1 = h(I, I_N^0)$ .

The function  $h$  is currently unknown. It is responsible for combining the various information that are received. Experiences with neutrinos should be explored to determine their value.

The neutrino then transmits its information  $I_N^1$  to the particle type bosons, activating them in the process. The information  $I_N^1$  is received by bosons (I presume multiple types), who then cause a quantum reaction to alter the state of matter and show the information  $I_N^1$  to the outside world. Which reveals the weak interaction.

The weak interaction [5]: (Figure 2)

$$N \rightarrow P + W \rightarrow P + \nu + e^-$$

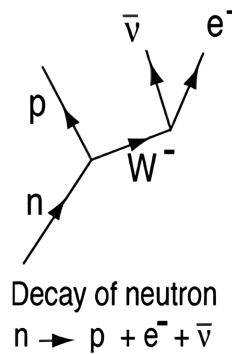


Figure 2. The weak interaction.

What is actually taking place is  $\nu \rightarrow W + e^+$  then  $W + P \rightarrow N$ .

### 3.2. Transmission of Information

The phenomenon we are observing involves multiple types of weak interactions being triggered.

These weak interactions can initiate a chain reaction, leading to further interactions and reactions, ultimately influencing the entire type of matter or phenomena.

The specific quantum reaction that occurs depends on the type of boson (such as W, Z, Higgs, etc.) triggered by the Neutrino.

I suppose  $m$  is the number of bosons required to manifest the information  $I_N^1$ , with all types of bosons included.

I refer to this entire process as a process of manifestation.

### 3.3. Timeline Formation

When the information  $I_N^1$  is revealed in the universe, the conscious mind re-evaluates the new environment, while the subconscious absorbs the information and transmits it to the unconscious. The unconscious then processes the received message and determines the next course of action. Subsequently, the new action or intention is conveyed to the neutrinos through a new impulsive wave  $I^1$  that carries the information  $I^1$ . The neutrinos, already in possession of the previous

information  $I_N^1$ , receive the new data  $I^1$  and undergo a change in state for the information  $I_N^2$  as  $I_N^2 = h(I^1, I_N^1)$ . The bosons then receive this information  $I_N^2$  from the neutrinos and proceed to manifest it in the world. This process continues as long as the conscious observes new information  $I^i$  and transmits it to the unconscious,  $i \in N^*$ .

The concept of manifestation encompasses the progression of time. Each process represents a unique unit of time, which varies depending on the individual and is relative to their consciousness. This unit of time can be defined as the number of cerebral messages processed per second by each person. The combination of these individual units forms the timeline.

Thus, human growth through time is akin to a state of inertia, while surrounding conditions constantly shift.

The entire process demonstrated to us that nothing in the world is a coincidence and that everything is precisely determined by neutrinos and the unconscious.

This process demonstrates the power of positive thinking and visualization, allowing you to manifest your desires through focused intentions.

## 4. Methodology

### 4.1. Visualization Field

In mathematical terms:

Hypotheses:

- Universe isolated: energy constant and conservative.
- The impulsive wave  $I$  had a tiny wavelength (Delta wave 0.1 ~ 4 Hz).
- Spatial coordinate system  $J; (x, y, z)$ .
- Continuous matter.

I suppose the impulsive wave that I related to the cartesian coordinates system  $J$  and  $j(x, y, z)$  is a point in that coordinates system (Figure 3).

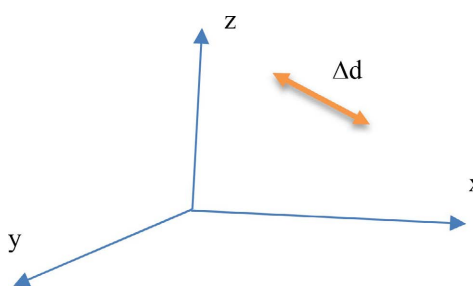


Figure 3. Coordinates system J.

The following steps are involved in the manifestation of a unit of time (Figure 4).



Figure 4. Process of manifestation.

$\Delta d = V(I)$  with  $V$  is an unknown complicated function depending on the possible quantum reactions associated with the manifestation of the impulsive wave.  $I$  (both for the known and undiscovered bosons).

$\Delta d$  is influenced by the information  $I$ , or more specifically, by the energy  $Ei$  of the information  $I$ .

While  $\Delta d$  represents the contribution of bosons to various aspects of the universe. For the sake of clarity and simplicity, I will focus specifically on the spatial dimension (**Figure 3**).

For one cycle of manifestation  $\Delta t = 1$  (without a unit) and  $Ei = \text{constant}$ .

Supposedly

$$\Delta d = \begin{pmatrix} \Delta x \\ \Delta y \\ \Delta z \end{pmatrix} = V(Ei) \tag{1}$$

$V$  is called the Visualization field.

For multiple cycles of manifestations  $Ei \neq Ej$ ;  $i, j \in N$  and  $i \neq j$ .

$$\Delta d = \sum_i V(Ei) \tag{2}$$

Having stated that, the impulsive wave  $I$  (information  $I$ ) that the neutrinos receive can be controlled to change the timeline. For example:

If we consider a point  $j$  in the coordinates system  $(x, y, z)$  as an isolated system, the information  $I$  introduced has led to the displacement  $\Delta d$   $(\Delta x, \Delta y, \Delta z)$  as  $\Delta d = V(I)$ . To reverse that displacement, we have to apply the impulsive wave  $I^*$  with  $\overline{(\Delta d)} = V(I^*)$ .

In essence, we will apply the impulsive wave that insures to get the initial state of point  $j$ .

To freeze the point  $j$ , which means  $\Delta d = 0$ , we need to apply an impulsive wave  $I^{**}$  as  $V(I^{**}) = 0$ .

In situations where multiple impulsive waves are present within the isolated system (involving more than one individual), we have  $k$  impulsive waves  $k \in N^*$ . We have  $\Delta d = V(I_o, \dots, I_k)$ .

If we try to reverse it, to obtain  $(x, y, z)$  again, we need to apply  $V(I^*) = \overline{(\Delta d)}$ .

$I^*$  is the impulsive wave equivalent to the opposite of the impulsive waves  $(I_o, \dots, I_k)$ .

The above is the concept of traveling in time, which involves reversing all the fields induced by the information  $I_n$  received by bosons.  $n \in N$ .

Each local coordinate system related to an information  $I_k$ , has a unique time speed based on its data.

## 4.2. Reality Phenomena

On an energetic scale.

For a system with one impulsive wave (one information  $I$ ), one individual.

$$Ei = h\gamma^2$$

$$E = mc$$

The number of Neutrinos in the universe is not known, the contribution of Neutrinos in the universe through a ray of observation is [6]:

$$\Omega_\nu h^2 = \sum_i^3 (g_i m_i) / 90 \text{ eV} \quad (3)$$

$m_i$  = mass of the candidate.

$g_i$  = depend on the Neutrinos type.

On the other hand, in an isolated universe, if we suppose the total number of Neutrinos is  $\Omega N$ .

The  $\Omega N$  Neutrinos will receive  $k$  impulsive waves with  $k$  information  $(I_o, \dots, I_k)$ , to display the information in the universe, and display the next unit of time's information with the same Neutrinos number  $\Omega N$  (same universe energy)

$$E(\text{unit } t_1) = E(\text{unit } t_2) \quad (4)$$

This implies that only one reality is manifested, indicating that there is only one universe and one reality, with no other parallel universes.

## 5. Cosmic Reactions

### 5.1. Concept of Free Will

The concept of free will for human beings (or living beings) is explained by the process of manifestation. Humans have free will as long as they contribute to the universe with their impulsive waves or intentions.

However, there is another phenomenon that opposes his will.

Dark matter constitutes a significant portion of the universe, and its composition remains unknown.

The universe composition is [7]:

- 5% normal matter.
- 25% dark matter.
- 70% dark energy.

Within the 25% of dark matter, there is a new particle that plays a significant role in the process. This particle has a small radius field and is voluminous. This particle can be found singly or in large quantities; in the latter case, they combine to form a black hole. *I* will refer to it as a hole particle.

The Hole particle's field has a neutralizing effect on other known particles (Uncertain about Neutrinos). When particles are ensnared in this field, they lose all their information and orientation, rendering them neutralized and cleansed of all forms of interaction, communication, or conveying information.

Thus, Bosons will no longer be able to take part in the presentation of the information *I* sent.

As previously stated, the Hole particle can exist as a single, undetectable particle or as a large cluster of particles known as black holes. Since it doesn't actively interact with other particles (the known ones), it cannot currently be detected. Any particles trapped in the Hole particle's field become neutralized, stationary,

and without interaction or charge. Thus, the time around that location is frozen.

### 5.2. The Cosmological Constant

The universe's expansion is not driven by bosons and neutrinos; rather, it is expanding because of black holes.

The Hole particle neutralizes any particle that becomes caught in its field, which  $I$  assimilate to an infinitely strong gravitational field.

The general Einstein equation of relativity [8] became:

$$G + \Lambda g = kT$$

As:

On the Black Hole perimeter, the cosmological constant is  $\lambda = +\infty$ :

$$G = kT$$

With boundary conditions;

At Black Holes edges  $\lambda g = +\infty$ .

Everywhere else  $\lambda = 0$ .

$I$  call a cycle of manifestation:  $\Delta t = 1$  without unit.

For one cycle of manifestation:  $\Delta t = 1$  and  $Ei = \text{constant}$

$$G = kT$$

### 5.3. Universe's Response to Human Actions

From the entire distribution of neutrinos in the universe, only the neutrinos trapped in the Hole's particle field become neutralized and enable the transmission of information and energy to the universe (Figure 5).

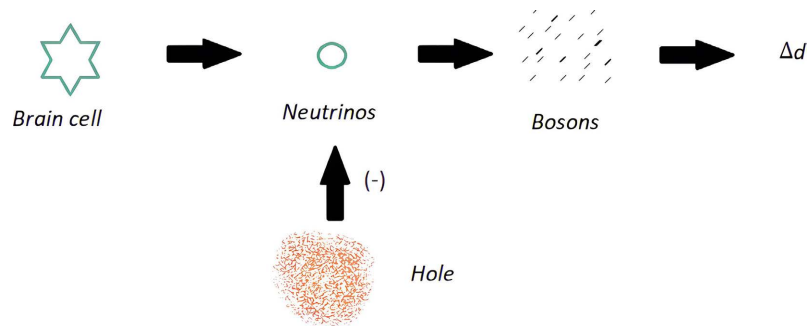
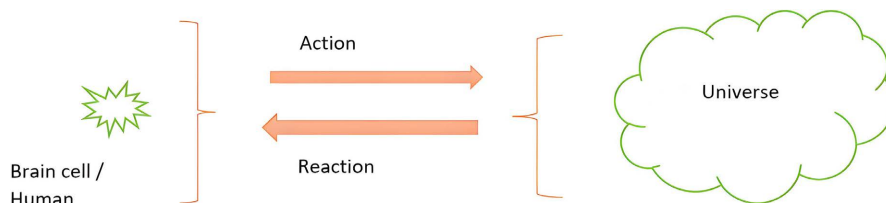


Figure 5. The Hole particle participation.

The energy is:

$$E(I) = E(N) - E(H) = \sum_m E(B_m) \tag{8}$$

Considering the human being as a separate entity from matter and is therefore isolated from the universe, this indicates that the human being or living being, is imposing an action on the universe (by applying action  $I$ ) and that the universe is responding with a reaction, which  $I$  shall name  $R_{univ}$  per the principle of action and reaction (Figure 6).



**Figure 6.** Universe' reaction.

This indicates that human cells are experiencing a response from the universe. The universe's natural reaction is to repress any activity that a human applies; in other words, the universe's response may influence human actions and experiences. the universe will attempt to suppress human action by applying a reaction to him, which can weaken him and cause him to suffer (disease, illness, death, etc.).

To evaluate the  $R_{univ}$  :

Assuming:

$$E(\Delta d) = E(N) - E(H) \tag{9}$$

Without considering Hole particles:

$$E(Univers) = E(N) \tag{10}$$

And in the opposite case:

$$E(Univers) = E(N) + E(H) \tag{11}$$

I assume the universe's reaction is the remaining energy not used to change the state of the matter  $\Delta d$

$$E(R_{univ}) = E(Univers) - E(\Delta d) \tag{12}$$

Equation (9) and Equation (11)

$$\begin{aligned} E(R_{univ}) &= 2 * E(H) \\ R_{univ} &\sim E(H) \end{aligned} \tag{13}$$

That leads one person to believe that the universe is opposed to the human being (living being).

In order to live a healthy and long life, human beings should refrain from sending intentions or information I into the universe. To avoid a response, stop acting. Human beings can prevent reactions  $R_{univ}$  and should aim to maintain a state of "letting go."

Furthermore, the concept of the Hole particle is essential to understanding the phenomena of black magic. After neutrinos are neutralized (which no longer hold the original information  $I_N^0$  or  $I_N^1$ ), it may be possible to introduce new information  $I_h$  into them, resulting in a discontinuous and uncomfortable manifestation in matter.

## 6. Conclusion

Ultimately, this research advocates for the management of these cosmic interactions

to enhance well-being, posing profound philosophical implications for our understanding of human experience and the nature of reality. As we continue to explore these dimensions, we open the door to new ways of comprehending and navigating the complexities of the human condition and the universe's structure. As such, this exploration enables displacement through space and time travel, provided we can control the information, thus controlling the bosons.

## Conflicts of Interest

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

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## Notation

$E(N)$  = Neutrinos' energy

$E(H)$  = Hole particle's energy

$E(Bm)$  = Type m boson's energy

$E(l)$  = Electromagnetic wave l's energy

$E(\Delta d)$  = Displacement energy

$G$  = The Einstein tensor

$T$  = The energy-momentum tensor

$k$  = The Einstein gravitational constant

$g$  = The metric tensor