

## **The Theory and Practice of Awakening in a Nutshell**

The awakening practice has three critical components: Surrender, Detachment and Looking Within. To awaken to the truth of what you really are, it's necessary to bring yourself into a state of present moment awareness, since what you are as a presence of consciousness that perceives your own world always exists now, in the present moment. That presence of consciousness, which is called *I Am* or the *Self*, exists at the central point of view of your own world. The important thing to realize is that the only true thing you can ever know about yourself as you perceive your own world is that you exist now, which is your sense of being present as you perceive your own world. You know that you exist now, which is your sense of being present, and you know that you perceive as you perceive your own world. You always exist now, in the present moment, which is why you have to bring yourself into a state of present moment awareness, since the now is the only place you can find yourself at the center of your own world.

Nothing that you can perceive in your own world can tell you anything about the truth of what you really are. All the things that you can perceive in your own world are like the projected and animated images of a holographic virtual reality movie that is being displayed on a computer screen. The whole thing is imaginary in nature, just like the projected and animated images of a movie. You perceive both the form of all things, which are the projected images that can all be reduced to bits of information encoded on the computer screen, and the flow of energy that animates the form of all things. The computer screen surrounds your central point of view and displays all the projected and animated images. The images are imaginary and unreal in the same sense as a virtual reality movie. They have no real being in the sense of your own timeless existence.

You're only confused about the true nature of what you are because you're emotionally identifying yourself and imparting your own being and reality to your character in the movie. Your character is like an avatar in a virtual reality or the central character of the movie, which is the central form that you perceive. The central form of your character is always emotionally animated relative to all other forms that appear in the world you perceive. You emotionally identify yourself with and impart your own being and reality to your character as you perceive the emotional body feelings that arise as the form of your character is emotionally animated relative to all other forms, which makes you feel emotionally self-limited to the form of your character. In reality, your character has no being and is unreal, since it is only a projected and animated image that you perceive in the virtual reality movie. Only you as a presence of consciousness at the center of the virtual reality world that you perceive has its own inherent being and reality.

To awaken to the truth of what you really are, you have to bring yourself into focus as that presence of consciousness at the center of your own world. You have to focus your attention on your own sense of being present as you perceive that world. The first step

in bringing yourself into focus is to enter into a state of present moment awareness. This is the critical role that surrender plays in the awakening process. You have to focus your attention only on the events of the present moment, since that is the only place that you can ever find yourself as a presence of consciousness. When you surrender, you accept everything as it appears to be each moment with no desire that anything be any different than it appears to be in that moment. When you surrender, you give up the expression of your own personally biased individual will and put your trust in God's will to sort out what is for the best. You accept it all as for the best because it's God's will. If you interfere with the normal flow of things by expressing personally biased emotions, you only create an emotional disturbance and make things worse for yourself.

You stop interfering with the normal flow of things and just watch from your own point of view as you allow things to play out in the normal way. You stop interfering with the normal flow of things when you lose your personal bias. That personal bias is always self-defensive in nature because you're trying to defend the survival of your character in the movie that you're watching. You're trying to control the events of the movie. Instead of just watching the movie, you're trying to direct the events in the movie. The desire to control things in a personally biased way is always self-defensive because you're trying to defend the survival of your character in the movie. In reality, the survival of your character in the movie is only the emotional self-replication of the form of your character in a recognizable way over a sequence of emotionally animated events that appear in the movie. That's all you're really doing when you express self-defensive emotions.

Ultimately, you surrender because you see that you're only defending the survival of an illusion of what you really are. When you surrender, you lose that personal bias in the focus of your attention and stop expressing personally biased self-defensive emotions. You simply accept everything as it appears to be each moment. You accept it all because it's only an appearance of things that has nothing to do with what you really are. It's only about how things appear to happen in the movie that you're watching. The timeless existence of the true nature of what you really are is never threatened by whatever appears to happen to your character in the movie. You simply allow events to play out in the normal way because you know that you're only watching a movie. You can only know yourself to be a presence of consciousness at the center of the virtual reality world that you perceive. Your timeless existence is always present now and is never threatened by whatever appears to happen in the movie. In a state of present moment awareness, your attention is simply focused on the events of the present moment. You stop emotionally projecting yourself into an imaginary past or future as you stop remembering a personal past or anticipating a personal future. That memory and anticipation of events only serves the purpose of defending the survival of your character in the movie that you're watching, and you have no need for the expression of those personally biased self-defensive emotions when you stop emotionally identifying

yourself with your character in the movie. Ultimately, that's why you surrender. The true nature of your timeless being needs no defense. You surrender when you see that the true nature of your being needs no defense and you're only defending an illusion.

Entering into a state of present moment awareness is not enough to awaken to the truth of what you really are. You also have to look within and bring yourself into focus as the presence of consciousness at the center of the world you perceive. You have to look in the present moment because that's the only place you can find yourself. To look within, you have to turn the focus of your attention away from the events of the world you perceive. You have to withdraw your attention away from the world. This is the critical role that detachment plays. You have to emotionally detach yourself from the world you perceive. You have to sever your emotional attachment to everything you can perceive in that world. Most importantly, you have to sever your emotional attachment to your own character. You have to stop caring about your character. You have to stop caring about the fate of your character; whether your character lives or dies; whether your character is happy or sad and experiences joy or sorrow. When you sever the emotional attachment to your character, your character becomes dead to you. You stop caring.

Only when you sever the emotional attachment to your character and stop caring can you withdraw the focus of your attention away from the life your character appears to live in the world you perceive. When you withdraw the focus of your attention away from your character and that world, you also withdraw your investment of emotional energy in that world that emotionally animates the life of your character. That's how you ultimately sever the emotional attachment to your character. You only do that because you see that your character is only an illusion of what you really are, like the central character of a movie that you're watching, and you lose interest in paying attention to that illusion.

When you see the illusion as an illusion and lose interest in paying attention to the illusion, you naturally withdraw your attention away from the illusion. That's when you can turn the focus of your attention away from the world you perceive, look within, and refocus your attention on your own sense of being present, which is the only true thing you can ever know about yourself as you perceive the illusion. You have to lose interest in the illusion and become interested only in discovering the true nature of what you really are, which you can only do if you focus your attention on your own sense of being present as you perceive the illusion. That's where you have to stabilize the focus of your attention. You have to come to know yourself to be a presence of consciousness that always exists now, in the present moment, at the center of the world you perceive.

You have to become serious about awakening. You have to discipline yourself and stop your attention from wandering around and becoming distracted by all the distractions of the world. The true nature of what you are cannot be found in the world you perceive. You have to lose interest in the world and become interested only in discovering your

true nature. You can only discover your true being if you look within and focus your attention exclusively on your own sense of being present as the perceiver of the world. You leave behind all the false concepts you have about yourself, and you gain nothing as you move beyond all those false self-concepts. You leave behind all those false self-concepts of what you are and discover what you have never lost, your true being.

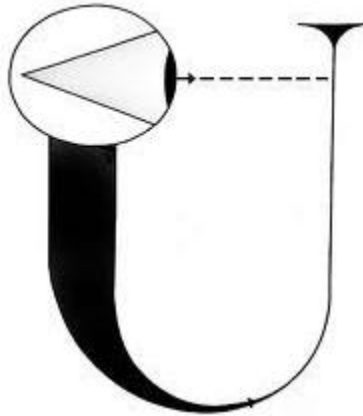
You can only awaken to the truth of what you really are if you discriminate the true from the false. The only true thing you can ever know about yourself is your own sense of being present as you perceive your own world. Everything else you can perceive in that world is false. You have to discriminate the true from the false. Discrimination leads to detachment as you reject the false and embrace the truth. Severing emotional attachments to everything in that world is the process that leads to externalization and depersonalization, as you see that everything you can perceive in that world, including your own character, is no more real than the projected and animated images of a virtual reality movie that's being displayed on a movie screen that you are watching from your own point of view. That process of detaching yourself from everything you can perceive in that world is how you come to know yourself to be a presence of consciousness that exists now, in the present moment, at the center of the world that you perceive.

Ultimately, you will come to know yourself to be the source of that consciousness. When you totally withdraw your attention away from the world you perceive and that world is no longer emotionally animated and disappears from existence from your own point of view, your individual consciousness, present at the central point of view of that world, dissolves back into its source of undifferentiated consciousness like a drop of water that dissolves back into the ocean. You know yourself to be the ocean of consciousness and that the true nature of your being is the timeless existence of the undivided, unlimited and unchanging motionless ocean of consciousness, which is called No-self or the void.

Awakening to the truth of what you really are is also called spiritual enlightenment. Like awakening from a dream, only the true nature of your underlying reality remains when you awaken. When you awaken and become spiritually enlightened, you see how the illusion of your virtual reality world is created. You see how your own motion as a point of consciousness at the center of your own world, as that point moves relative to the motionless void, is the nature of the energy that animates that world. You see how that world and everything that appears in that world are just like the animated images of a movie projected from a movie screen to your point of view at the center of that world. You see how the light of consciousness that emanates from your own point of view is like the light of a movie projector that illuminates and projects all the images of that world. You see all of this from the emptiness, silence, stillness and darkness of the void.



Nothingness

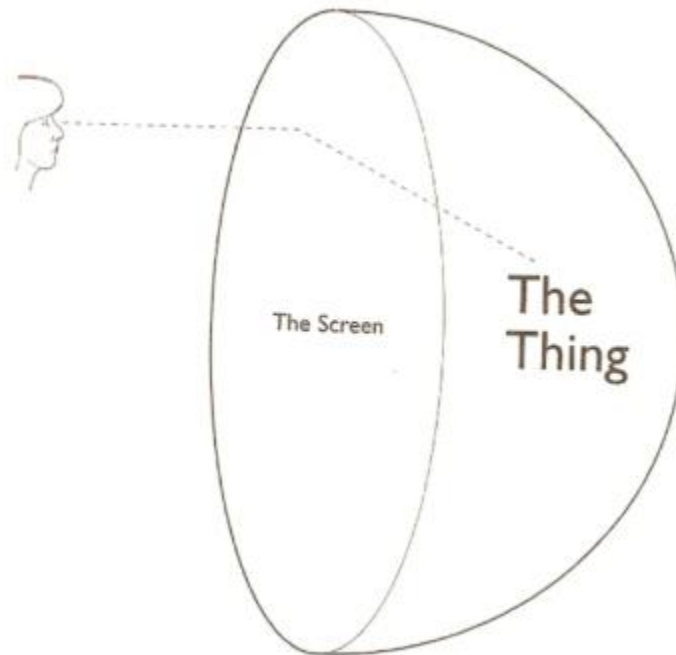


All Seeing Eye

## The Holographic Principle in the Context of Awakening

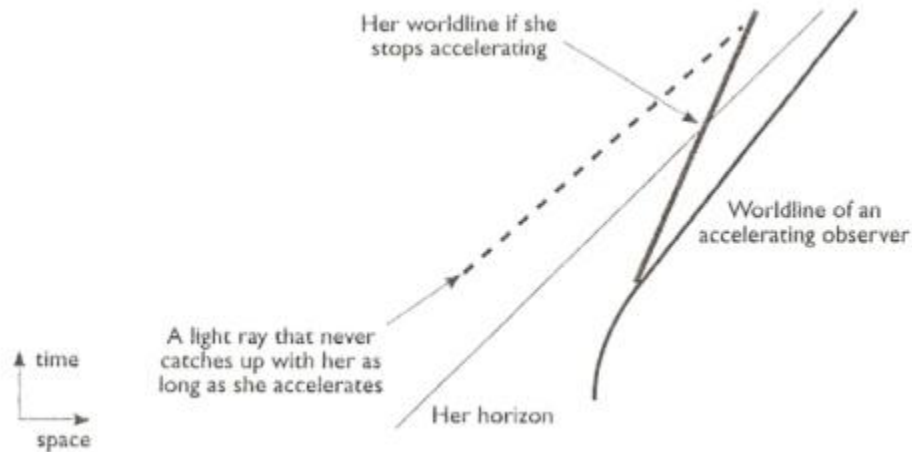
With the holographic principle, the computer screen that surrounds the observer's central point of view is understood as a holographic screen that arises as an event horizon due to the observer's own accelerated motion. The observer's event horizon becomes its holographic screen when it encodes qubits of information. In effect, the observer creates its own quantum computer due to its own accelerated motion that gives rise to its event horizon that becomes its holographic screen when qubits of information are encoded on its horizon. The observer's holographic screen is the computer screen of the quantum computer that surrounds its central point of view.

The observer's holographic screen displays all the images of its own holographic world, just like in a computer-generated virtual reality. The projected images are forms of information that can be reduced to qubits of information encoded on its holographic screen, and the forms are animated in the flow of energy through the quantum computer, which can be understood as arising from the energy of the observer's own accelerated motion. Everything the observer can perceive in its own holographic world, which can be called an object of perception, is a form of information that is projected from its own screen to its own point of view like the projected images of a movie. Those forms are all reducible to qubits of information encoded on the screen and are animated in the flow of energy that arises from the observer's own accelerated motion.



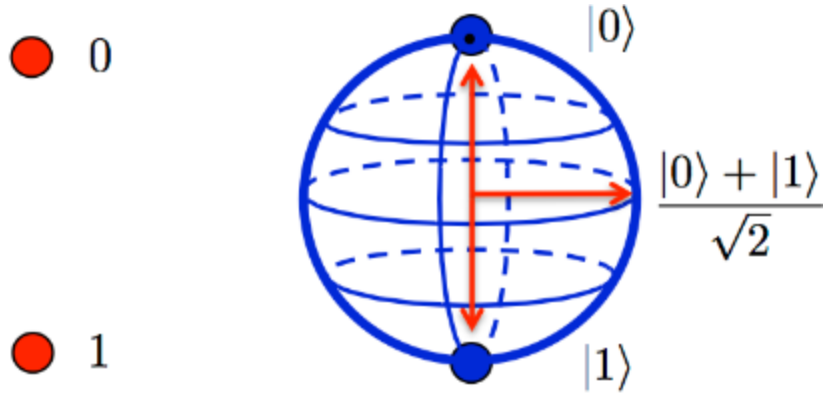
The Observer, the Screen and its Object of Perception

The observer's event horizon is a two-dimensional bounding surface of space that arises due to the observer's own accelerated motion and the constancy of the speed of light through three dimensional space, which is like the maximal rate of information transfer is a three dimensional computer network. Since nothing can travel faster than the speed of light in three dimensional space, the observer's event horizon is as far out into space as the observer can see things in three dimensional space, which limits the observer's observation of things in three dimensional space.



### Accelerating Observer's Event Horizon

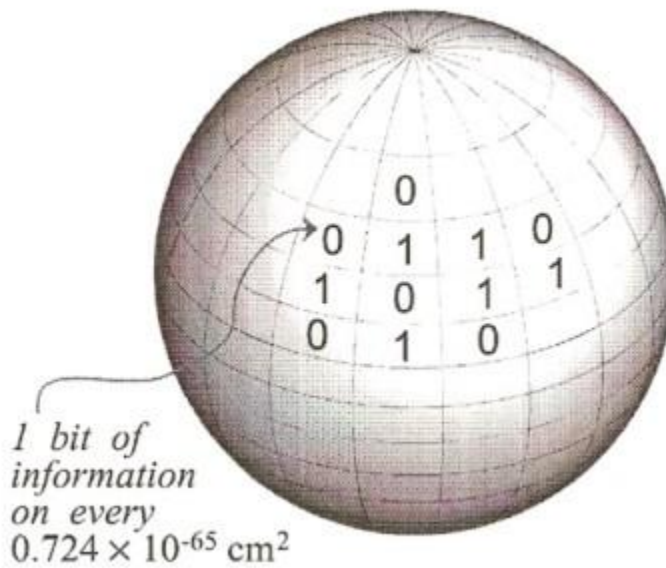
The observer's event horizon becomes its holographic screen when it encodes qubits of information. A qubit is mathematically represented by a matrix, which is a two dimensional array of numbers. That two dimensional array of numbers must be encoded on a two dimensional surface of space, which is the observer's event horizon. The smallest possible event horizon is a Planck-size event horizon, which encodes a single qubit of information. Larger event horizons encode more qubits of information, but always in terms of an integral number of qubits. The total number of qubits encoded on the observer's horizon is proportional to the surface area of its horizon, just like bits of information encoded on pixels on a computer screen. The pixel size is the Planck area.



**Classical Bit**

**Qubit**

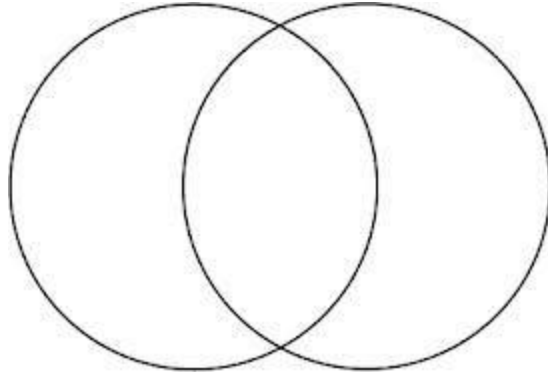
Qubit of Information Encoded on a Planck-size Event Horizon



Holographic Principle

The observer's holographic world is defined on its own holographic screen that arises as its event horizon due to its own accelerated motion and that projects all the animated images of that world to its central point of view, just like in a computer-generated virtual reality. Just like in a computer network, multiple observers, each present at the central point of view of its own holographic world, can share in a consensual reality when their respective holographic screens overlap like a Venn diagram and share information.





### Information Sharing Among Overlapping Holographic Screens

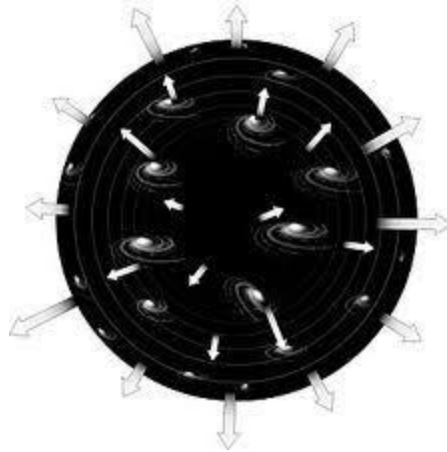
The holographic principle tells us that the observer's holographic world is constructed as a mathematical construction. The observer's event horizon, which is a two dimensional bounding surface of space that limits the observer's observation of things in space, is a mathematical construction that arises due to the observer's own accelerated motion and the constancy of the speed of light as the maximal rate of information transfer in three dimensional space. The observer's event horizon becomes its holographic screen when qubits of information are encoded on its horizon. That encoding of information is also a mathematical construction since the qubits are mathematically represented by matrices, which are two dimensional arrays of numbers. Just like the projected and animated images of a computer-generated virtual reality, the observer's holographic world only appears to come into existence as a mathematical construction. Even the observer's holographic screen is a mathematical construction that can only have the abstract mathematical existence of that abstract mathematical construction.

This abstract mathematical construction can be understood as the nature of quantum computing. The observer creates its own quantum computer due to its accelerated motion that gives rise to its event horizon that becomes its holographic screen when qubits of information are enclosed on its horizon. This whole creation process is a mathematical construction that is the nature of quantum computing. The laws of physics that govern events in the observer's holographic world can be understood as the computational rules that govern the operation of the quantum computer. The laws of physics are not fundamental, but spontaneously emerge in that holographic world as thermodynamic equations of state, which describe events in that world when things are near thermal equilibrium. The emergence of the laws of physics in a holographic world can be understood as arising from the quantum computing that takes place in a network of overlapping holographic screens, each of which arises due to an observer's own accelerated motion at a point of view that gives rise to its event horizon that becomes its holographic screen when qubits of information are encoded on its horizon.

In the sense of thermodynamics, the fundamental dynamical degrees of freedom for a holographic world are not point particles that occupy position coordinates in space and move through space over the course of time in some space-time geometry, but rather qubits of information encoded on an observer's holographic screen. The point particle description of the world, as formulated in quantum theory in terms of the quantum field theories for the electromagnetic and nuclear forces, and the space-time geometry description of the world, as formulated in relativity theory in terms of Einstein's field equations for gravity, are both inherent in the holographic principle, but only as thermodynamic equations of states that only have validity when things are near thermal equilibrium. In a holographic world, everything observable is a form of information that can be reduced to qubits of information encoded on the observer's holographic screen, not only macroscopic objects, like a biological body, but also microscopic objects, like point particles. The dynamical structure of that holographic world, as formulated in terms of the laws of physics, can be understood as arising from quantum computing.

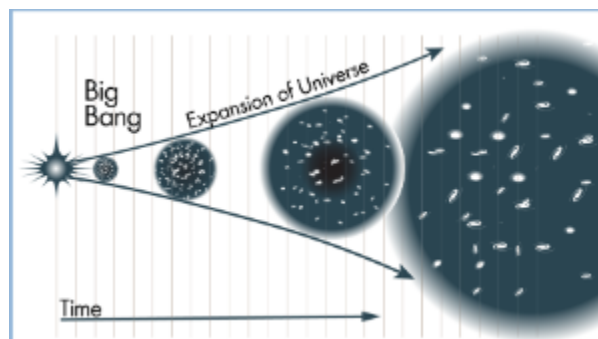
The thermodynamics of a holographic world also helps explain the nature of the normal flow of energy through that world. The normal flow of energy through a holographic world is best understood with the concept of dark energy, which in relativity theory is understood as the accelerated expansion of space that arises due to a cosmological constant. With the expression of dark energy, the expansion of space appears to accelerate away from an observer's central point of view, faster the farther the observer looks out into space. The observer's observations of things in space are always limited by a cosmic event horizon, where space appears to expand away from the observer at the speed of light. Since nothing can travel faster than the speed of light, nothing is observable to the observer beyond the limits of its own cosmic horizon.

With the expression of dark energy, every observer is at the central point of view of its own cosmic horizon that arises from the accelerated expansion of space and limits its observations of things in space. The observer's holographic world is constructed when its cosmic horizon encodes qubits of information and becomes its holographic screen. Everything the observer can observe in its own holographic world is an observable form of information that can be reduced to qubits of information encoded on its own holographic screen. Multiple observers, each present at its own point of view at the center of its own holographic world, can only share a consensual reality to the degree their respective holographic screens overlap like a Venn diagram and share information.



Accelerated Expansion of Space

There is a big puzzle in this scenario in terms of our understanding of the big bang creation event for the universe. Our best theory of the big bang, which is called inflationary cosmology, assumes that early in the history of the universe, the value for dark energy and the cosmological constant must transition to a lower value. This transition of the cosmological constant to a lower value allows the universe to rapidly expand in size and cool in temperature due to the accelerated expansion of space.



Accelerated Expansion of the Universe

The big puzzle in terms of the holographic principle is how to explain the transition of the cosmological constant to a lower value. The problem is that we have to assume a value for the cosmological constant to construct the observer's holographic world, since the cosmological constant sets the radius of the observer's cosmic horizon. When the cosmological constant transitions to a lower value, the observer's cosmic horizon increases in radius, encodes more qubits of information due to its larger surface area, and cools in temperature. This nicely explains the normal flow of energy through the observer's holographic world in terms of the flow of heat from hotter to colder objects, which naturally happens as the cosmological constant transitions to a lower value and the observer's holographic world increases in size and cools in temperature.



### Normal Flow of Thermal Energy Through the Observer's Holographic World

The problem is that we have to assume a value for the cosmological constant in order to construct the observer's holographic world, since that value is how its cosmic horizon is defined as a bounding surface of space that becomes its holographic screen when qubits of information are encoded on its horizon. There is no explanation in terms of the holographic principle for how the value of the cosmological constant is set or how it transitions to a lower value. We can't use the laws of physics to explain the value of the cosmological constant since the laws of physics only emerge in a holographic world as thermodynamic equations of state after that holographic world is constructed. We must assume a value of the cosmological constant before a holographic world is constructed.

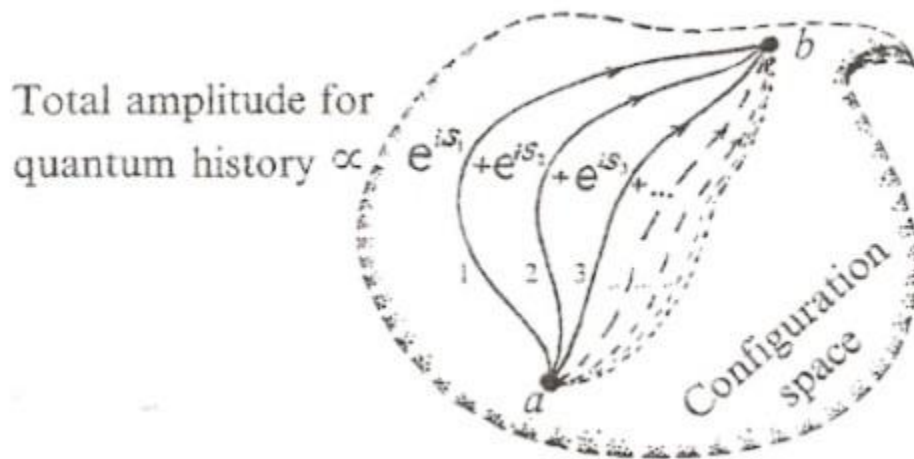
What is the answer to this puzzle? The answer is there is no scientific answer. Science cannot explain how an observer's holographic world is constructed since it cannot explain how the value for the cosmological constant is set or how that value transitions to a lower value, which allows thermal energy to flow through the observer's holographic world as that world increases in size and cools in temperature. The only possible answer is that the construction of the observer's holographic world and the normal flow of thermal energy through that holographic world are an expression of God's will.

Once the observer's holographic world is constructed and thermal energy begins to flow through that world, the observer's observation of events in its holographic world can be understood in terms of quantum computing. Quantum computing is a consequence of encoding qubits of information on an observer's holographic screen that arises as its event horizon and allowing thermal energy to flow through its holographic world.

The fundamental nature of quantum computing arises from qubits, which are quantized bits of information that are mathematically represented by matrices. The matrix gives a mathematical representation of rotational symmetry on the surface of a sphere, but also encodes information in a binary code in terms of its eigenvalues, like a spin variable that

can only be observed in a spin up or spin down state. The eigenvalues of the matrix are entangled in the sense of quantum entanglement, which at the level of qubits only represents mathematical rotational symmetry on the surface of the sphere.

The quantum entanglement of all the qubits of information encoded on the observer's holographic screen has profound implications, which we understand as the nature of the quantum state for the observer's holographic world. That quantum state is defined on the observer's holographic screen in terms of the entangled qubits. The quantum state is inherently entangled and is a state of potentiality, which is best understood in the sense of a sum over all possible paths. This potentiality expresses itself in the sense that at each decision point there is a choice to be made about which path to follow.



### Quantum State as a Sum over all Possible Paths

The classical path is understood as the path of least action, which is the path that measures the shortest possible distance between two points in some configuration space. In relativity theory, the path of least action is understood as the path that measures the maximal proper-time between two events in a curved space-time geometry. An event is defined in terms of its spatial and temporal coordinates, which is a decision point. In the sense of quantum theory, all paths are possible, but are also entangled. The path of least action is only the most likely path in terms of quantum probability, but with a big caveat. At every decision point there is a choice to be made about which path to follow, which is the nature of quantum potentiality. Quantum theory only has classical predictability because it assumes that all choices are made randomly.

Who exactly is making this choice about which path to follow? Only the observer can choose which path it will appear to follow through the space-time geometry of its own holographic world. When choices are made randomly, there is classical predictability, but when personal bias enters into the way choices are made, that classical

predictability is no longer in effect. Personal bias arises in the way the observer makes its choices because the observer is emotionally identifying itself with the form of a person that appears in its holographic world, which is the central form of information that is always emotionally animated relative to all other forms that appear in that world. The observer expresses its personal bias through the focus of its attention on that world.

The observer can express personal bias in the way it expresses emotions because of the personal bias that arises in the way it focuses its attention. This naturally happens when the observer emotionally identifies itself with its own personal form. The expression of personally biased emotions perpetuates personal self-identification, since it leads to the perception of emotional feelings of self-limitation to that personal form. The observer perceives emotional feelings of personal self-limitation to its own personal form that lead it to emotionally identify itself with that personal form, which leads to the expression of more personally biased emotions due to personal bias in the way it focuses its attention, which perpetuates its vicious cycle of personal self-identification.

When the observer chooses which path it will appear to follow through its own holographic world, it is disentangling the quantum state of that holographic world. Since the quantum state can be understood as a sum over all possible paths, every choice the observer makes about which path to follow disentangles the quantum state, since that choice chooses a particular path in the sum over all possible paths, which the observer appears to follow as a person. That choice is the nature of quantum potentiality.

The observer always has a choice about which path it will appear to follow through its own holographic world. That choice is made as the observer focuses its attention on the life its emotionally animated personal form appears to live in that world. When the observer emotionally identifies itself with that personal form, personal bias arises in the way the observer focuses its attention, makes its choices, and expresses its emotions.

In terms of the holographic principle, the expression of all animating emotional energy fundamentally arises from the observer's own accelerated motion. That accelerated motion is also how the observer's event horizon arises that becomes its holographic screen when qubits of information are encoded on its horizon. The emotionally animated central form of a person is only like an image that is projected from the observer's holographic screen to its central point of view. The observer itself animates that image with its own accelerated motion. The observer also projects that image with its own light of consciousness, which is the light that illuminates its own holographic world. When the observer focuses its attention on its own holographic world and on the life its personal form appears to live in that holographic world, the observer is focusing its own light of consciousness on that world. The focused light of consciousness is what illuminates that world and projects all the images of that world back to the observer as the observer focuses its attention on that world. The focused light of consciousness,

focused through the observer's focus of attention, is also how the observer makes its choices about which path it will appear to follow through that world as the quantum state of that world, understood as an entangled sum over all possible paths, is disentangled.

This explanation also explains the biggest of all possible puzzles, which is the nature of spiritual enlightenment. When the observer totally withdraws its attention away from its own holographic world, it also withdraws its investment of emotional energy in that world that emotionally animates that world and the life that its personal form appears to live in that world. This naturally happens when the observer's own accelerated motion comes to an end. The observer's holographic world is no longer emotionally animated when its own accelerated motion comes to an end. The end of the observer's accelerated motion can also be called an ultimate state of free-fall. In an ultimate state of free-fall, when the observer's accelerated motion comes to end, the observer no longer has an event horizon, and therefore, no longer has a holographic screen that displays all the images of its own holographic world. In an ultimate state of free-fall, the observer's holographic world disappears from existence from its own point of view because it no longer has a holographic screen that displays all the projected and animated images of that world.

When the observer's holographic world disappears from existence from its own point of view in an ultimate state of free-fall, everything the observer can perceive in that world disappears from existence along with that world, and only the nothingness of the void remains. This is when spiritual enlightenment can occur. The observer's individual consciousness, present at the central point of view of its own holographic world, can dissolve back into its source of pure undifferentiated consciousness or nothingness of the void like a drop of water that dissolves back into the ocean. Individual being dissolves back into its source of pure undivided and unlimited timeless being. This ultimate dissolution into nothingness is the nature of spiritual enlightenment and awakening to the true nature of what you really are and the underlying truth of your own reality, which is the undifferentiated consciousness and timeless being of the void.



Nothingness

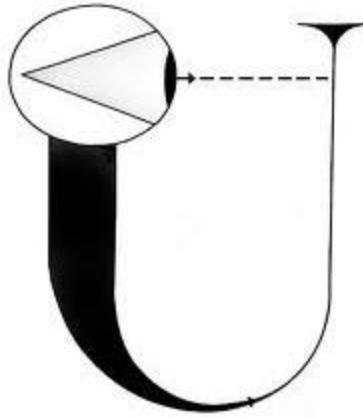
## **On the Nature of Mathematical Intuition and Mental Imagination**

Mathematicians often speak about discovering new mathematics based on their intuition about geometry. They don't base it on sense perception of the physical world, logic, reason or solving equations, but on their intuition about geometry, which they can see in their mind's eye. The geometry they can see only exists in their mental imagination. This mathematical intuition about geometry spills over into theoretical physics. Einstein had a deep intuitive understanding of the structure of a curved space-time geometry for several years before he discovered his field equations for gravity. He actually struggled for several years before he discovered the equations. He was able to make predictions about gravitational effects based only on his geometrical intuition, which his equations eventually confirmed. Feynman eventually solved the problem of quantum electrodynamics only after a confusing period of about twenty years during which time the mathematical structure of quantum theory was understood and both Maxwell's field equations for electromagnetism and the Dirac equation for the electron were known. Feynman only discovered the solution based on his deep intuitive understanding of the geometrical structure of the path integral formulation of quantum theory that led to his discovery of Feynman diagrams. Another example is the discovery of the Lorentz group and Majorana spinors, which is the fundamental basis for the standard model of particle physics as formulated in terms of quantum field theory. This discovery was based on a deep intuitive understanding of the geometrical structure of Minkowski space.

None of these examples of mathematical intuition are based upon sense perception of the physical world, logic, reason or solving equations. They all arise from a deep intuitive understanding of geometry that arises from seeing that geometry in mental imagination, as seen by the mind's eye, which cannot be explained in scientific or logical terms. Even if science could come up with a plausible explanation for the nature of mental imagination, it has no explanation for the nature of the mind's eye.

The critical factor at work here is the connection between the nature of intuition and the mind's eye, for which science has no explanation and never will have an explanation. The critical question is who is seeing what? When you see something with your mind's eye, are you the thing that you see, or are you what is seeing that thing? The obvious conclusion is that you are the presence of consciousness that sees things. When you see things, you are not the thing you see, like the form of a person that appears in the physical world you perceive, but the presence of consciousness that perceives things. That presence of consciousness is the nature of the mind's eye.

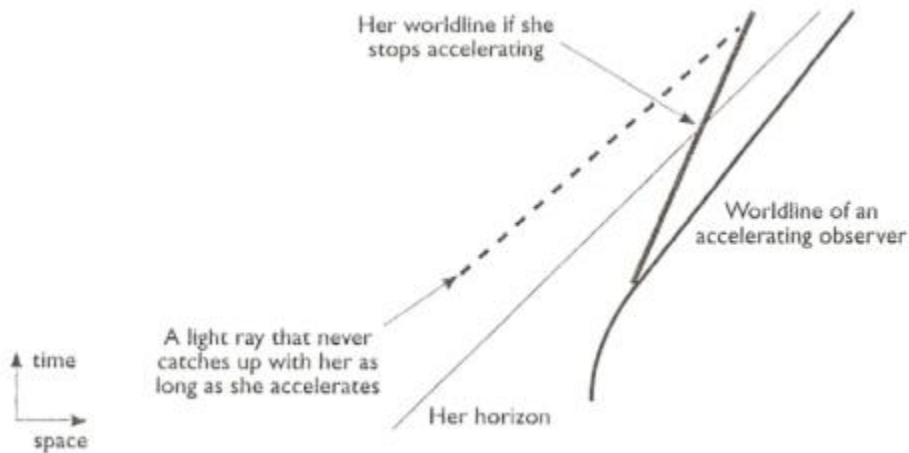




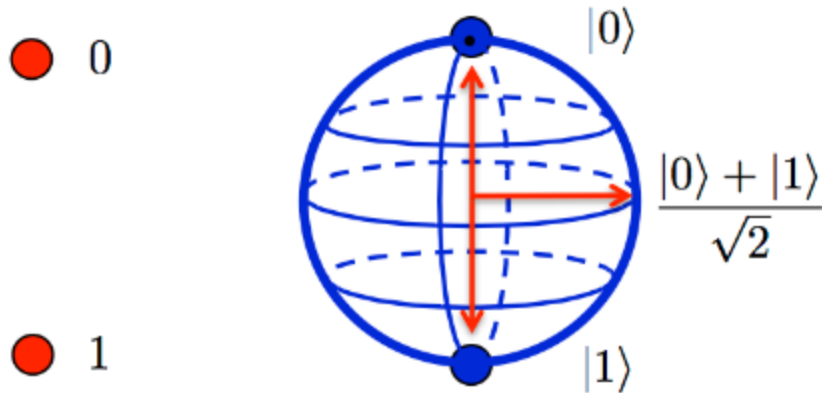
Universal Observer

Intuition is an aspect of that consciousness, and is not inherent to a person or its mind, which are perceivable things. You are that presence of consciousness that we call the mind's eye, which is to say that you are nothing more than the consciousness present at the center of your own world. Intuition is an aspect of your true nature. You naturally develop intuition about the nature of things as you focus your attention on whatever is being displayed in your mental imagination.

How is this even possible? The holographic principle gives a natural explanation. Mental imagination is being constructed on a holographic screen. That holographic screen arises due to an observer's accelerated motion that gives rise to its event horizon that becomes its holographic screen when qubits of information are encoded on its horizon.



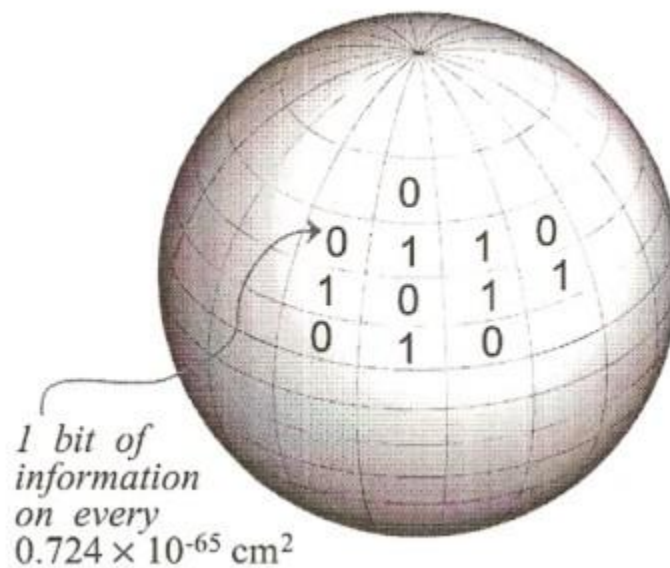
Accelerating Observer's Event Horizon



**Classical Bit**

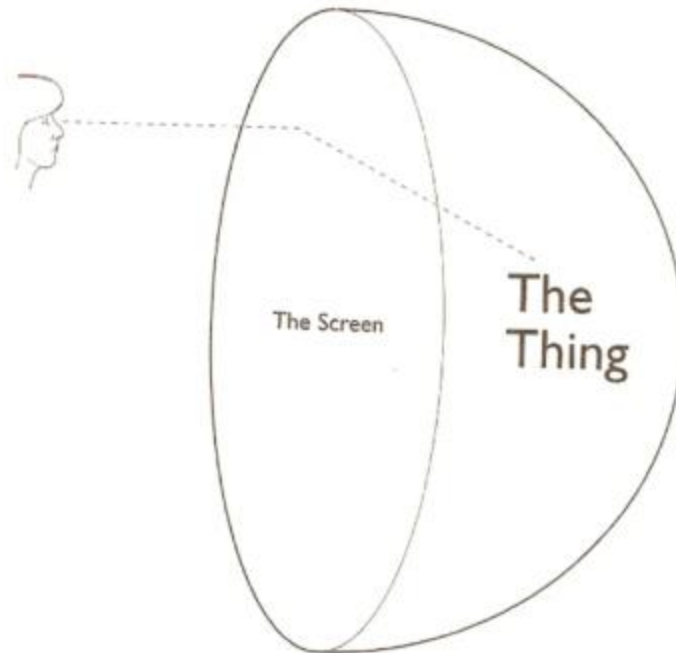
**Qubit**

Qubit of Information Encoded on a Planck-size Event Horizon



Holographic Principle

Mental imagination is just like the animated images of a virtual reality movie that's being constructed and displayed on a computer screen as the images are projected to the central point of view of an observer. The observer's holographic screen is its mental screen that constructs and displays the images of mental imagination, and the observer at the center of its own holographic world is the mind's eye that perceives the images of mental imagination. All objects of perception perceived by the observer are forms of information that can be reduced to qubits of information encoded on its own holographic screen. Those forms are projected like images from its screen to its central point of view and are animated in the flow of energy that arises from its own accelerated motion.

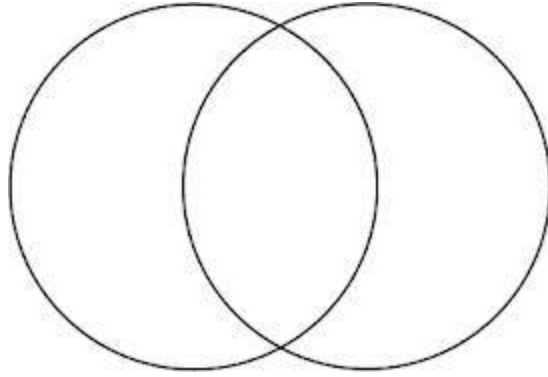


### The Observer, its Holographic Screen and its Object of Perception

There is only confusion about this state of affairs because the observer at the central point of view of its own holographic world is emotionally identifying itself with the form of its character in the virtual reality movie that's being displayed on its holographic screen as that personal form is emotionally animated relative to all other forms that appear in its holographic world, which leads to feelings of emotional self-limitation to that personal form. In reality, the central form of a person that appears in the observer's holographic world is only like an avatar in the virtual reality or the central character in the movie.

How do we explain a consensual reality shared by multiple observers, each present at the central point of view of its own holographic world? The answer is information sharing, like that seen in a network of connected computer screens. Each observer observes events in its own holographic world as displayed on its own holographic screen that arises due to its own accelerated motion, but those screens can share information to the degree they overlap like a Venn diagram.

A peculiar aspect of this kind of consensual reality occurs when information is no longer shared, which can be called a disconnection syndrome. In effect, the observer's holographic screen is no longer connected to the network and no longer shares information with the screens of other observers. This kind of disconnection routinely happens during dreaming sleep and in the mental imagination of daydreams. Mental imagination becomes a private experience.



### Information Sharing Among Overlapping Holographic Screens

A corollary of this analysis is that the observer's sense perception of the physical world is also constructed in its mental imagination. There is no objective physical reality of the world out there that is being represented in mental imagination. The perceived physical world is a holographic world constructed on a holographic screen, just like all other forms of mental imagination. A perceived holographic world is a construction of mental imagination, and is not an objective physical reality that can be perceived and represented in mental imagination. Mental imagination as constructed on an observer's holographic screen is the whole thing. In reality, everything you can perceive in your own holographic world is a figment of your own mental imagination.

### Questions and Answers with Jose

Q; I think the only point in which your proposal differs from mine is related to your statement: "*The observer's accelerated motion is **relative to nothingness**, which is inherently motionless*". As I understand it, there is nothing that can be "**relative to Nothingness**", for the simple reason that **Nothingness is not a relational realm**, but absolute and non-dual. That is to say, there is nothing outside of Nothingness that can move —get closer or separate— with respect to It, because all things are inexorably Nothingness. Even the very belief of being something different from It, of moving closer to It or moving away from It is also It.

We can only posit, then, an “accelerated movement” in the relative realm, in which the non-dual Nothingness illusorily manifests itself through its apparent dualization —in the form of an objective pole of energy and a subjective pole of consciousness—, with the consequent interaction between both poles. In this relative scope —here yes— we can speak of an accelerated movement of separation between both polar facets, that is, of the objective facet (the universe) with respect to the subjective facet (the observer) or the subjective facet (the observer) with respect to the objective facet (the universe). As I propose in this Addendum 9, it is precisely at this point that I believe we can find the

explanation for the intriguing parallelism between the accelerated expansion of the universe and the accelerated unfolding of the evolution of life.

A; With regard to the observer's point of consciousness moving relative to the motionless void, like a drop of water that separates itself from the ocean, I really do not have a good scientific explanation except to say that a state of duality (within which the energy of motion occurs) is a separation from the ultimate state of nonduality (which inherently is motionless). My best answer is to rely on the testimony of enlightened beings, who can see the motion of the observer from the perspective of the motionless void, just as they can see the illuminating light of consciousness from the perspective of the darkness of the void. The best answer is that they see things from a higher dimensional perspective. In the words of the Tao:

*In the silence and the void  
Standing alone and unchanging  
Ever present and in motion  
I do not know its name  
Call it Tao*

The book of Genesis clearly describes this higher dimensional perspective:

*In the beginning God created the heaven and the earth  
And the earth was without form and void  
And darkness was upon the face of the deep  
And the Spirit of God moved upon the face of the waters  
And God said 'Let there be light'; and there was light  
And God saw the light, that it was good  
And God divided the light from the darkness*

The Spirit of God is the point of view of the observer, which moves over the face of the deep, which is the surface of its event horizon. The face of the deep is literally a plane of existence in which the observer's holographic world appears to come into existence. The void is referred to as the deep and the darkness, which is the motionless ocean of undifferentiated consciousness. The observer is at the central point of view of its own holographic world that only appears to come into existence due to its own motion. All the forms that appear in that world are projected like the animated images of a movie from its own holographic screen to its own point of view. The projection of images arises from the light of consciousness and the animation of images arises from the observer's own motion. This can only happen if the observer's consciousness separates itself from the undifferentiated consciousness of the void and begins to move relative to the motionless void. Separation of the observer's consciousness from the undifferentiated consciousness of the void also separates the light of consciousness from the darkness

of the void. This is what's being seen from a higher dimensional perspective by enlightened beings once individual being reunites itself with undivided being.

The key point is separation. As you correctly point out, there is a separation of both consciousness and energy as the point of consciousness of the observer at the center of its own holographic world and the animating energy of motion of that holographic world, which can only arise from the observer's own motion, are separated from the undifferentiated consciousness of the motionless void. This separation is what you call *the objective pole of energy and a subjective pole of consciousness* that gives rise to *the non-dual Nothingness manifesting itself through its illusory apparent dualization*. This dualization is the result of separation. There is really no other way to understand it.

My only point is this dualization/separation is an illusion created with the construction of a holographic world, which by its very nature is a lower dimensional manifestation. The source of this manifestation (the void) can only be understood in the sense of a higher dimensionality. This is consistent with enlightened beings seeing things from a higher dimensional perspective, which they can only describe as the void.

I really see no disagreement in what we're attempting to describe. I like the holographic description better because it gives a much more detailed and scientifically accurate description of how a holographic world is constructed in the process of the manifestation of duality. For example, it becomes possible to understand how the laws of physics arise and why both relativity theory and quantum theory are necessary ingredients in the construction of a holographic world. Quantum theory explains the nature of quantum computing in terms of qubits of information encoded on a holographic screen, and relativity theory explains the nature of that holographic screen in terms of an event horizon that arises due to an observer's own accelerated motion. The laws of physics are essentially the operating system of the quantum computer. The observer's accelerated motion has to be relative to something, and so again, I say it's relative to the motionless void. This is possible because the observer and its holographic world are a lower dimensional manifestation of the void, which has a higher dimensionality. This seems contradictory since we're comparing the motion of the observer, which occurs in a lower dimensionality, to something that always exists in a higher dimensionality. In spite of this contradiction, this is the best possible explanation that explains all the facts as we know them. The key point, as I keep stressing, is the effect of separation, which is really only a descent into a lower dimensionality. When you become spiritually enlightened, your consciousness ascends to a higher dimension.