

# AN APPROACH TO PROVE THE EXISTENCE OF AFTER LIFE BY ANALYZING NEAR DEATH EXPERIENCE'S DATA WITH MATHEMATICAL LOGIC

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## ABSTRACT

*This is an approach to prove the evidence of Afterlife, which is well known as pseudoscience. Generally parapsychology is rejected by the modern science because it has no strong evidence or scientific proof yet. Here we tried to prove the existence of Afterlife by using pure mathematical logic and the concepts modern physics. We derived a mathematical equation for proving the existence of Afterlife and the result obtained from analyzable NDE data is used as an input or the value of variables of that equation. For this, we analyzed a vast amount of experimental and surveyed data of Near Death Experiences. The data we took from experiments and surveys about NDE that have covered almost all the regions of the world. We are confessing that, we only considered some points of NDE for doing our work. This is not an experimental work; this is just a theoretical approach to explain the concept afterlife.*

**Keywords:** Existence of Afterlife, Near Death Experiences, Time Delusion and Dilation, Consciousness.

## INTRODUCTION

Here we explained the nature of time and space according to modern physics and the Near Death Experiences by using its most common and repeated features. For our work purpose we only considered a few characteristics of NDE like time dilation, memory recall, emotional thinking and some others. Then we have built a Mathematical relationship between the time experienced by a person who have a Near Death Experience and the consciousness of human brain only by a simple Equation. And we solved the equation by explaining the Memory Processing mechanism of human brain, Sleeping, Dreaming, Near Death Experience's data, Time, Space, Quantum Physics etc. We got two solutions of the equation and by using that, we explained the concept of Afterlife very logically.

### What is N.D.E

A near-death experience, or NDE, is a profound psychological event that may occur to a person close to death or who is not near death but in a situation of physical or emotional crisis. Being in a life-threatening situation does not, by itself, constitute a near-death experience. It is the pattern of perceptions, creating a recognizable overall event that has been called near-death experience.

A near-death experience (NDE) is a personal experience associated with impending death, encompassing multiple possible sensations including detachment from the body, feelings of levitation, total serenity, security, warmth, the experience of absolute dissolution, and the presence of a light.

Explanatory models for the NDE can be divided into several broad categories, including psychological, physiological, and transcendental explanations. Research from neuroscience

considers the NDE to be a hallucinatory state caused by various physiological and psychological factors.

### **The Delusion and Dilation of Time during NDE by Explaining the Properties of Time**

Actually what is time? The Definition and Characteristics of time is not yet clear to us. It is considered as the 4<sup>th</sup> Dimension.

Time is relative. Time can be dilated and can be compressed too. But, actually the act of time is just mysterious at different places. Time is not well defined; we just have a model of it. Every organism or context experiences time differently and in different ways. Somewhere or in some situations, the 1 year time is more than the many millions years which a human experiences.

Generally, five minutes time of real world feels too much longer during dreaming. Not only at the stage of dreaming, at everywhere time is dilated and compressed to us. Studying upon this, we found that, while dreaming the brain of anyone works faster than the time of consciousness. Because during sleep and dreaming, the human brain have not to deal with the many continuous input and output from outside world. The brain only processes the own memory. So, it can works too faster during dreaming. And because our brain remembers so much detail, brain can interprets a long period of time as having passed.

According to the research of Darin Stevenson, Pseudo-feral autodidact and cognitive activist,

*Every human being experiences the time that is relative to him. One person's time can't be defined in another's co-ordinate. The nature of real world time is too complex to explain, and while a person dreaming, there is no unit or way to measure the time of dreaming. Because, while a person is dreaming, his whole body is paralyzed. Then we just feel something similar to a high level of consciousness.*

*The nature of time in dreaming is related it seems, to senses of relational communion such as its magnitude, depth and angles of emphasis, rather than formalized durations. As if we were measuring such qualities as intimacy, insight, emotional urgency, presence, and relational inspiration etc. and, finding them all to be supplied in vast measure, our waking minds do some kind of accounting where they equate the profound amount of relation with a long temporal span of waking life. This is, in part, because waking life is not relationally and heuristically self-intensifying in the ways dreaming is.*

From The Book, the Cosmic Sphere by Kip K. Sewell,

*Time is just the emission and absorption rate of a particle called QUONS. Our experience of time is the experiencing of substance. Substance is made up of QUONS.*

So After analyzing the above information, we can say that, the dream state and every individual organism is fully independent of time. The time of a dream depends on its magnitude, depth, angles of emphasis and on many more properties of dream. The more magnitude, depth and angles of emphasis, the more time have passed during dreaming to any person.

And since our focus point is NDE (Near Death Experiences). NDE and dreams both are the altered state of consciousness. Both have many similarities. We'll prove it later.

Now we'll discuss about N.D.E. Now, our focus point is N.D.E. At first we have to know what is N.D.E is and what are its characteristics? What really a person experience at near

death time. The all result is experimental and can vary man to man. But some common facts are found everywhere. We'll just focus on them. We collect data about N.D.E from many renowned and famous journals, organizations, websites and experiments have performed on NDE including a vast people and regions. Since , N.D.E is a Parapsychological concept and it's various terms has no strong proof and explanation yet , so all the data is experimental and can vary from one to another. But, we only use the most common and repeated characteristics of N.D.E here for considering the accuracy of our work.

### **Common Characteristics of N.D.E**

Most NDEs are felt as peaceful and loving, but some are disturbing. Each near-death experience is unique, but as a group NDEs display common features.

The common features of NDE include intense emotions, commonly of profound peace, well-being, and love and out of the body experiences. Others marked by fear, horror, loss, A perception of seeing one's body from above, Rapid movement through darkness, often toward an indescribable light, Incredibly rapid, sharp thinking and observations, Encounter with deceased loved ones, possibly sacred figures or unrecognized beings, with whom communication is mind-to-mind; these figures may seem consoling, loving, or terrifying, A life review, reliving actions and feeling their emotional impact on others. The most commonly reported type of NDE involves intense feelings of peace, joy and love, often an encounter with an unconditionally loving light. Distressful experiences which are reported involves similar common elements but with opposite emotional states, Like extreme fear, isolation, non-being, confusion, occasional torment or guilt.

### **Experimental Data and Result Analysis of Various N.D.E**

Whether the NDE was beautiful or terrifying, near-death experiences commonly say it was Unlike a Dream, More Real than Real, the most powerful event in their lives. Most feel deeply changed in their attitudes toward life, work, and relationships.

The NDE belongs to a larger family of experiences that go beyond the usual limits of space and time and can transform a person's life and beliefs. They may be called spiritually transformative, conversion, mystical, religious, or transpersonal experiences.

Experimental reports show that, who felt NDE; they told that they were not close to death or clinically dead at the time. Instead, they were in emotionally intense situations, praying or meditating, sleeping, or in ordinary states of consciousness when this phenomenon occurred.

So, the all reports say that, NDE is not a dream, not a general level of consciousness. So, what really NDE is? NDE is a parapsychological concept and it has no exact evidence. But, it is true that it happens. It is not a dream, It is more real than real. Human being can't feel it during their whole lifetime. It is a high state of consciousness. It is more than the waking reality.

NDE is a special state of consciousness. And the most common altered state of consciousness experienced who have a NDE and who have not is DREAM. The NDE can be explained by understanding how our brain and memory works, how brain process our memory etc. By understanding the types of dreams and how we are dreaming.

From an experiment on 650 NDE of Near Death Experience Research Foundation, *"NDE and dreams both are the altered state of consciousness. Both have many similarities."*

*Near Death Experience Research Foundation defined NDE as a lucid experience associated with perceived consciousness apart from the body occurring at the time of actual or threatened imminent death.*

When we are dreaming, our memory and brain work faster because our brain only processes its inside memory. At the time of death, most people feel something that's more real, out of body experiences, loss of control on him, intense emotions, flash back of life, reality. Some people can feel others feelings during NDE. But, these kind of feelings can't be felt without NDE. No one can feel it in his whole real life. But, why people feel these during NDE?

By analyzing the properties of dream and NDE, we can say that, NDE and dream both have many similarities and NDE is just like a dream but of very higher depth, the consciousness level is totally different from any other moment of life, For these a person can never understand that, it is something like dreaming or a different state consciousness. Because we stated above that, dream is also a special state of consciousness. Because, at the higher depth of dreaming, any person feel it real and more real and longer because of very faster memory processing. At this time, the brain process all the memory from one's brain storage very faster and what people see that all come from his memory and the process of retrieving memory from brain is very faster and lucid enough to be felt as more real than our walking reality. For this reason, the time during NDE feels very longer to any person, means during NDE, time is spanned to NDERs.

From the biggest ever scientific study of NDE, on 2060 patients from 15 hospitals in the United Kingdom, United States and Austria, shows that, time spanned to a person during NDE. From the Telegraph:

*A man, He was clinically dead for 3 minutes. Conscious awareness appears to have continued for up to three minutes into the period when the heart wasn't beating, even though the brain typically shuts down within 20-30 seconds after the heart has stopped. The man described everything that had happened in the room, but importantly, he heard two beeps from a machine that makes a noise at three minute intervals. So, we can imagine how long the time was for that man. One third of the surveyed people experienced that the time is slowed down or speeded up.*

So, analyzing all the above information and experiment results and overview, we can decide that, NDE is just another form of dream or Dreaming and NDE are two state of consciousness which have many similarities. With different level, different nature, but both have same memory processing mechanism. Here, we can say that the NDE have a very high or totally different consciousness level than an ordinary dream. Because, a dream process memory of a certain period of life and NDE process the memory from whole lifetime. So memory processing speed should be higher during NDE than an ordinary dream. For processing a huge memory of whole lifetime very quickly, NDE become more real than our walking reality. For these reasons, human beings observe or feel something totally different from our walking reality.

### **A Relationship between the Properties of NDE and Time Duration of NDE to A NDERs**

So, we can derive a relationship between consciousness level during NDE (magnitude, depth and angles of emphasis etc.) and the time which is felt to a person who during NDE. Since depth or magnitude or angles of emphasis can be considered as similar terms for dreaming and NDE, which actually denote the Consciousness level, so we can consider them as a single unit and let us denote it as:

$d$  = The consciousness level During NDE

$t$  = Time Duration to Any Person during NDE According to His Time Co-Ordinate

So, we can find a proportional relationship between the above 2 terms by analyzing above evidence. That can be written as:

$$t \propto d$$

$$\Rightarrow t = A \times d \dots\dots\dots(1)$$

Where  $A$  is an proportional constant which denotes the ratio of  $t$  &  $d$

### THE CALCULATION AND RESULTS

Now, the depth of the dream during NDE, or we can say that the depth or the intensity of Consciousness of NDE is higher than any other time of anyone's whole lifetime. Because, at that time a human feel something that is more real than real. But, we can't determine the actual properties (magnitude, depth and angles of emphasis etc.) of any NDE, because our technology or science can't grow up too much to determine that. So, we can just imagine or guess the properties of NDE.

Now, because during NDE, anyone feels more real than real, so we can consider that during NDE, Consciousness level is very high of any person. Actually it is mathematically undetermined. Modern science can't calculate the actual value of it. Consciousness is a term of human brain and most of the mysteries of human brain aren't revealed yet. But for our purpose we can say that it may be a very big quantity or number according to our observations and data. . We know that infinity is not any value, but the measurement may be something very big and mathematically we can tell that infinity is the concept of a value greater than any finite numerical value. If the value of  $d$  is such something, Then we can't obtain any absolute result in reality. But then the value of  $t$  is also something like  $d$ . Very big, we can say the value of  $t$  is the biggest. Infinity is defined as unbounded space, time, or quantity or an indefinitely large number or amount. Let that value is denoted by  $b$ . Then from the equation (1), we get the value of  $t$  is :

$$\Rightarrow t = A \times b \dots\dots\dots(2)$$

If we denote the term  $A \times b$  by only a symbol  $B$ , then we get,

$$\Rightarrow t = B \dots\dots\dots(3)$$

So, if the depth or intensity of Consciousness level is such any quantity, then the time of NDE became such an unbounded time to that person. It means, he'll dreaming or having NDE for the unbounded time. Such a dream/NDE that has no ends to himself, but not to any other person's co-ordinate of time or we can say that in the co-ordinate of our walking reality.

We have another possibility, if the depth or intensity of Consciousness is not such any big unbounded number or quantity, then it may be any certain value, but must higher than any other ordinary time, it may be time of dreaming, time of working, time of deeply thinking and many more of our lifetime. We can say that, it's depth of intensity of Consciousness is highest ever to any person. Let us suppose, the value is  $H$ . So, putting the value in the equation (1), we get,

$$t = A \times H \dots\dots\dots(4)$$

By this equation, we'll get any quantity of the time of dreaming/NDE to that person, and that would be must very long. So, the time duration to a person during NDE is relatively very high to him means to his time co-ordinate. So, he'll feel it for long time duration according to the co-ordinate of the time of his own.

### **Explanation of Afterlife**

Since whatever any human feel during NDE, is just emotions. There are much strong evidence that, NDE is just strong feelings or strong emotions. It may be negative or positive. As we discussed above that, time spanned during NDE to any person relatively, means his time is just of another co-ordinate which is not similar to our walking reality's time. If anyone feels positive emotions during NDE of his death, he'll feel that he is observing that for a long time interval since he is dead according to our walking reality's time co-ordinate. He is dead to us, but , he is not dead to him or to his brain or to his co-ordinate of time. Because the definition of time is different to a person who is experiencing near death moments. That person's time is different from our definition of time. So, by the equation (3) & (4) , we can determine a NDER's time duration of NDE.

If we consider that equation (3) is true, then A person will feel that same strong emotions for the infinity since he is dead to us or to the world. But the actual thing is happening to him is time delusion or dilation. So, if he is in a positive emotional state, he'll fell that for a time very close to infinity. In another word, we can say that, time stops with respect to a person when he is very close to death. Just the feeling or emotions or sentiments of those moments become real for an endless time according to that person's time co-ordinate.

If we consider the equation (4), then we can say that the person will feel the NDE for a long certain time which is actually mathematically undetermined to us. Because we can't calculate the consciousness level or the value of the constant. Because, the Consciousness level during NDE is very high or fully different to anyone than any other time of their whole life, so he'll stay at that emotional state for a long time according to his co-ordinate of time. Here the time duration to the NDER's depends on the depth of his dream or NDE which means on the person will feel the NDE for a long certain time which is undetermined to us. Because, the intensity or nature of Consciousness. The time duration may be from several hours to many years or decades or centuries.

So, we can conclude it by saying that, afterlife exists to every human being and it is totally different from our universe's time and space. If anyone feels negative emotions during NDE , this will last very long time to him, or contrarily he can feel very positive emotions for a long time or feel both . It just depends on his types of NDE. But we can suppose that, if a person is in a negative emotional state during his death, that feelings lasts long for him and same for positive emotions.

And , I want to focus the book , because from this book "Biocentrism: How Life and Consciousness Are the Keys to Understanding the True Nature of the Universe by Robert Lanza, Bob Berman" about life and consciousness , we know that human beings can never die. The book states that,

Death is just an illusion arises in the human minds. According to this theory, Consciousness exists outside of constrains of the time and space. This statement supports the basic postulates of Quantum physics. The latest Multiverse and parallel Universe concept says that, consciousness can never vanished. It is universal. According to it, a human brain is a perfect quantum computer and the information stored in it is the consciousness. Consciousness can be transferred after the death of the body and the consciousness or quantum information is engaged with our universe and the consciousness exists infinitely.

The above statement supports our hypothesis strongly. So, the equation (3) is true if we consider the theory of quantum physics. Then, as a result, consciousness of a human being will exist for infinity time and he'll feel the emotional state of NDE for infinity time. And, It is the real Heaven and Hell according to our hypothesis.

#### **ACKNOWLEDGMENT**

All the data we observed and analyzed are collected from various sources and websites. We didn't make any experiment for verifying the data and results. We just worked by taking a very short overview of NDE data. But, NDE may differ from person to person, situation to situation, region to region. We just used some common features of NDE for proving our assumption. And we have no scope to get real data by experimenting NDE. And as a student of mathematics, it is impossible experimenting NDE and then taking some decisions. We just tried proving the existence of after life by focusing on some points. Here by analyzing NDE data, we decide that the dream, NDE and other hallucinations or illusions are just different states of human consciousness. All the terms can be measured by measuring the consciousness level/intensity of human brain.

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