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If  $\frac{1}{3} = .33333333\sim$

And  $\frac{2}{3} = .66666666\sim$

Then why does...

$\frac{3}{3} = 1$ , instead of  $.99999999\sim$ ?

### Consciousness: An Unbalanced Equation

*"The vinculum (=) is the fulcrum of the scales (Libra). This is the zero point, the no-thing from which everything begins."*

Mathematics had never been any interest to me until I realized how much it applied to my life. Not in the sense of how often we use basic mathematics, but in the sense that it began to explain some of the questions I had about my own existence.

As I began to search for answers to questions about consciousness and the universe, I found mathematics (in its different forms) to give the most universal answers I could accept. The basic laws of nature as well as the structures of the things that occupy my universe seemed clearer when explained in a universal language.

It seems correct that the language of experience is one of universal understanding. It seems correct that I should be able

to simply explain my ideas in a universal language. The phrase "here goes nothing" could never be more appropriate than it is right now.

Nothing is where everything begins. Nothing, but not in the sense of the absence of something. Nothing, the void before time began, contained no-thing. There was no "something" relative to the absence of anything, an abstract concept that is best described by the distinction no-thing. The mathematical concept that we have to describe this is zero.

It is known to us that many ancient peoples with less descriptive language than our current speech had no word to describe zero. Spiritually (or in religious terms), we could take this to mean that since we are present in a physical reality then it could never be said that *nothing* exists. It seems that the key shift in consciousness that enabled human beings to understand and describe the concept of zero is the development of the ego. As the ego developed and our mindset became more focused on the individual (rather than the collective), we began to view our surroundings as relative to us, and not relative to itself as a whole. With this ability to see things relative to ourselves, we understood that the same thing could be one way to us while appearing another way to another individual. Here is an example:

*Boris has 10 horses that are each worth 1 gold coin. Doris needs to buy all 10 horses, but only has 5 gold coins. Boris allows Doris to buy 10 horses, understanding that they will be paid in the future for the 5 gold coins owed. Once this transaction is complete, Doris has 10 horses and -5 gold coins while Boris has 5 gold coins and potentially another 5 in the future.*

There is no way to understand this without understanding zero, because the idea of owing something is contingent on understanding that we have less than nothing (and have to work our way back to zero). The inverse of this situation would be that without any ego (possessions), there would be no separation between the two people, the horses, or even the gold. They would all be functioning parts of a whole whose state and appearance are constantly in flux. Imagine no possessions, if you will.

Zero is relative to the ego. As a collective, the universe is a whole. It is governed by the second law of thermodynamics which states that energy is neither created or destroyed and only transferred. Combined with Einstein's theory of relativity, if energy and mass are the same material traveling at different speeds, then matter is neither created or destroyed either. Without ego, the entire universe is understood as a cohesive whole with constant change. It is this change that causes motion, which forms our understanding of time.

In the past, Boris had 10 horses and 0 gold coins while Doris had 5 gold coins. In the present (immediately after their transaction), Boris has 0 horses and 5 gold coins while Doris has 10 horses and zero coins. In the present, there are only 15 things whereas in the past there were 20 things. The way we resolve this is by understanding that in the future, Boris will receive the 5 gold coins owed by Doris and the equation will be satisfied. The time between the initial transaction and the full repayment of the debt is the period of motion. This period of motion between two transactions (alternatively, the process of solving an equation) is what we consider to be the present moment.

In the present moment (which we must remember is the place we are *always* located), things are always transient and changing. When we create an equation to be solved, we are creating motion. We isolate and define a situation in the present, give it a name, and we postulate different outcomes and possibilities for the future. It is usually nowhere in our mind that during this process, the only reason for any imbalance is our own perception of things. In the present moment, everything is whole, one, and perfect unto itself.

Regardless of the outcome of any given equation, the end result is the same as the beginning. There is nothing created or destroyed. Here is an example:

10	In a fraction, the numerator (top) is the past.
+10	The <u>vinculum</u> (the line, or =) is the <u>present</u> .
20	The denominator (bottom) is the future.

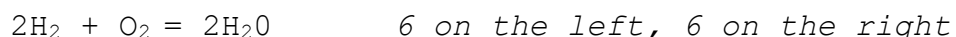
In this equation, there are always 20 things. In the past there are 20 things as two sets of ten, and in the future there are 20 things. There is no difference between the past and the future, and the only change is the way we perceive the individual numbers to be oriented.

The idea here is that the universe is constantly balanced and it is only our process of manipulating reality that causes us to perceive time. If we make no choices and make no changes to our reality, then our life equation would be something like  $0=0$ . This would represent balance.

If we change one side, the other side naturally must change to compensate. If the sides are not equal, then we have an unbalanced equation. If a mathematical equation is unbalanced, there is no consequence because it is only an incorrect measurement. It is impossible for a chemical equation to remain out of balance. When there is imbalance in the physical world it must be rectified according to the law of conservation of energy. For example:



*At standard temperature and pressure, 2 hydrogen molecules combine to form dihydrogen ( $\text{H}_2$ ) or common hydrogen gas as we know it. Under the same conditions, oxygen molecules combine to create dioxygen ( $\text{O}_2$ ) or oxygen gas as we breathe it. We know that 2 hydrogen molecules combine with one oxygen molecule to form liquid water, but in standard conditions oxygen does not exist as a single molecule.*



*In order to balance the equation, we must double the amount of hydrogen molecules going into it. This means that it is impossible for  $\text{H}_2\text{O}$  to form as a single molecule, and aqueous water must always be formed two molecules at a time in order to keep the equation balanced.*

In mathematics, an unbalanced equation has no consequence because mathematics are a tool created by human beings to measure reality. Chemistry is itself reality, and nothing is left unbalanced. Chemical equations are just definitions and descriptions of processes human beings have observed in nature.

We will now return to the idea presented at the beginning of this work. We will be more detailed at this juncture.

$$1/3 = .33 \qquad .33 + .33 + .33 = .99$$

$$2/3 = .66$$

$$3/3 = 1? \qquad 1/3 + 1/3 + 1/3 = 1$$

If the fraction one third is converted to a decimal, it third times three, it equals one. If we multiply point three infinitely repeating times three, it equals point nine infinitely repeating. This decimal is approaching one, but it will never reach the number one (unless we round the number upward ourselves).

If anything, this problem has the ability to show us that mathematics is only a tool used to measure changing circumstances in our physical reality. It is only an observation of reality and not reality itself. Mathematics are the reflection through which it is impossible to see the entirety of the whole. A whole can be split into three equal parts, but three equal parts don't always add up to a whole.

When working with fractions, we must always change the denominators of the fractions into like terms to solve the problem. For example, if we attempt to add  $\frac{1}{4}$  and  $\frac{1}{2}$ , we must change the  $\frac{1}{2}$  into  $\frac{2}{4}$ . Provided the terms have the same value, we can write them any way we choose. Once the denominators are the same we can add the numerators to solve the problem, with the answer being  $\frac{3}{4}$ . This once again shows how an equation can be manipulated on either side of the equal sign, provided the values on either side are always equal.

As stated earlier, everything begins at zero. In spiritual terms, we may be inclined to believe that everything begins at one, as we are all one and all the other hippie stuff about being one with the universe. This is true in a sense, because we must view the entirety of the physical universe as a single whole (with many moving parts), but it also can give us a false foundation through considering the things the concept infers.

If the universe "is" something, if it actually exists, then it must have been created. If it was created, it must have been created by something, and we have begun the never ending chain of causality. The argument that this system of causality exists is the single best argument human beings have for a creator god. It is seemingly impossible to argue against causality existing as a phenomenon because every day we witness that our actions seem to have consequences.

The idea of cause and effect, the idea that every action has a reaction, is the fundamental building block of existence as most humans understand it. From this point of view, it seems obvious that the actions we undertake have direct consequences. We view time as a linear construct because of cause and effect, as our self-awareness makes us able to postulate possible outcomes for different actions. This extends our thoughts into the future, and the contemplation of past events helps build a template for those future possibilities.

Naturally, to create a system based on cause and effect, there must be a first cause that sets the chain of events in motion. In religions which involve a creator god, this belief must logically come with the stipulation that the creator existed before creation and that it will also continue to exist

should its creation ever end. The problem with this pattern of thinking is that it sets the creator outside of its creation.

Conscious observation is what sets the chain of cause and effect into motion. There is no physical reality, only an illusion perceived by our conscious awareness. Our awareness is confined to a certain spectrum of wavelengths of light energy, and the illusion of the material world is created by dynamic tension.

This doesn't mean the things you believe in are not real. It only means that they are not real in the physical sense, but still as real as anything really can be.

When you hear the words "dynamic tension," you may think of the common definition (if there is one), being a force or resistance created and felt by the same entity. This is something like the force created when we connect our hands together and pull in opposite directions. When we say dynamic tension, we refer to the force that pulls on either side of the vinculum.

Think of two magnets repelling each other. The unseen force is the dynamic tension created by the magnetic fields. If we have a positive and negative electrical wire and we touch them together, a similar force is created (in the same manner as the dynamic tension between the magnets). This force is something non-physical, but it surely feels real.

Make a hook with each of your index fingers and connect them together, then pull in opposite directions. What do you feel? There is clearly something happening, yet our hands do not move in opposite directions and nothing in reality actually changes (set aside possibly the loss of energy used in creating the force).



If we direct our force towards a different object (like when we push another person on a swing), we change its position in three dimensional space and change what we perceive in our immediate surroundings. In other words, the object (to which we have directed our force) moves in a predictable way.

Dynamic tension describes the force of something acting against itself. The object is unaffected, but a force is created and energy is spent creating it. The past and the future are the same, the only change is happening at the same time that we are creating the tension.

Dynamic tension is a causality loop. Humans don't create causality, they resolve it and observe the consequences. Consciousness creates causality, it brings the universe into existence with the need to resolve the equation it has created. Of course, this scenario only begins to make sense if we understand that consciousness is non-local and not a part of physical reality.

To put this in religious terms, the will of God is outside of physical reality. Though completely non-physical, God's will still controls every aspect of physical reality. God knows all outcomes to the events on earth and is the controller of fate. Accepting our lack of control is trusting in god, unacceptance is rebellion against god.

To put this in spiritual terms, ourselves and the rest of the universe are made out of the same material. We are all part of one cohesive whole, interconnected and intertwined. Because of this interconnectivity, we are able to shift our consciousness away from the body to explore different parts of the universe and different points of view (astral projection).

To put the idea of non-local consciousness in modern scientific terms, we are living inside a computer simulation. Sure, the idea may sound funny at first, but a materialist would argue that this is the only reasonable solution if we can prove that consciousness is a non-local phenomenon (that is to say that consciousness does not emerge from our body, but enters it from the outside). This scenario looks something like a video game, like a separate world created by programming that is being controlled by the outside by a separate consciousness.

The purpose of outlining these three scenarios (religious, spiritual and scientific) is to bring to the foreground of our minds that the entirety of physical existence should be considered one single thing (although constantly changing). The universe is a transient environment of impermanence, but only because the wheels of existence are turning inside the wheels of consciousness. The universe is a whole, energy cannot be created or destroyed, and mass is equivalent to energy. If we look at the universe from God's point of view (from the outside), it is one single unchanging thing, like viewing our own planet from space.

One single unchanging thing being viewed at different angles and through different lenses can look very different depending on the observer. If we pick up an object in 3D space and rotate it, the object looks different at any given time (yet we know the object itself is unchanged). A coffee mug viewed from directly above it would look like a circle. From certain angles, it would appear either with or without a handle. We always know it is a coffee mug because we have observed it (or others like it) before. We are able to see it as a cohesive whole even if it does not always appear the same.

We also know (through science) that though an object seems to be standing still, its individual particles are constantly in motion at a microscopic level. This would explain motion on the earth as it is being viewed from space, or motion in the universe as it is being viewed from the outside. The farther away from something we are, the less motion we can sense, and as we zoom in we open up many more dimensions (just as observing fractals).

As we seem to have established, the universe we live in is the whole, and we are a small part of that unification. If we are looking at a whole (represented by the number 1), we could describe the equation as  $1=1$ . There is no taking away or adding to the universe, energy is only transferred and not created or destroyed. One is always equal to one.

How can we look at the equation  $1=1$  in different ways? Is it possible to change our angle on it so we may see it in a different way? If we use simple algebra, we can change one side of the equation into a variable, creating the equation  $x=1$ . Now, if we solve for  $x$ , we can come up with an infinite amount of possibilities to solve the equation.

$$\frac{1}{2} + \frac{1}{2} = 1 \qquad 3 - 2 = 1 \qquad 2 \times \frac{1}{2} = 1 \qquad 5 / 5 = 1$$

All of these possibilities create a new picture to be viewed, but they all remain finite and therefore static. There is no motion in these equations just as there is no motion in viewing the earth from space. If there is resolution to an equation, then it is finite. This does not help us when it is

easy to see that the world we live in is transient and everything but finite.

It takes little observation to see that nothing in physical reality stays the same. Things on earth need constant upkeep or else they degrade and fade away. This shows us that any mathematical description of the universe must not be a finite equation, but something that remains transient (just like our experience of physical reality). What in mathematics could be used to represent an equation that has no resolution and remains constantly in motion?

The remainder of an unbalanced equation (an irrational number) equals the value of conscious awareness (a quality completely non-physical and unobservable by the five senses). This unobservable phenomenon would be considered "no-thing" in our reality. Here are some mathematical representations of irrational numbers (equations that do not balance).

- The space between  $\frac{1}{3}$  and .33333333~
- The square root of 2
- Pi, the ratio of a circles circumference to its diameter, also known as  $\pi$  (3.1415...)

Also an irrational number is the golden ratio, or psi. This ratio is the formula that creates the Fibonacci sequence, which creates the spiraling pattern that forms all natural things in physical reality. This pattern creates everything from the structure of our own DNA to the shape of the Milky Way galaxy. If the Fibonacci spiral is unfamiliar to the reader, we suggest outside research on the idea.

It is our objective to show the reader that consciousness, a completely non-physical concept, is mathematically represented in our physical world by the unaccountable value of an

irrational number (the space between  $\frac{1}{3}$  and  $.333333\sim$ , or the constant changing pattern of  $\pi$ ).

Numbers are concrete and finite definitions of physical things, but they do not account for motion. It is consciousness that creates motion. Without consciousness there is no observation, and time (motion) ceases to exist. Just like the old philosophical question: If a tree falls in the forest and no one is there to hear it, does it make a sound? If there is no consciousness to observe something, the thing itself is not real.

As conscious individuals, we are observing the dynamic tension of the universe. We (those who are self-aware) are the connecting vinculum (=) in the equation that makes up the source code of physical reality. We are the pathway from one side of the equation to the other. Our physical experience is the irrational number constantly attempting to resolve itself. Time is dynamic tension, the transfer of energy across the vinculum of an unbalanced equation. Consciousness is the remainder that completes the whole.

