

Perspective

Exploration on the Dimensional Universe & Non-dimensional Realm

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ABSTRACT

Assuming that negative dimensions are as real as positive dimensions, the non-dimensional would serve as the realm in which the positive dimensions are balanced by the negative dimensions. Both are parts of the whole universe and not two separate universes - they are commingled and entangled, while the non-dimensional knows no boundary and is infinite.

Keywords: Universe, positive dimension, negative dimension, non-dimensional, God.

A human being is part of the whole called by us universe, a part limited in time and space. We experience ourselves, our thoughts and feelings as something separate from the rest. A kind of optical delusion of consciousness. This delusion is a kind of prison for us, restricting us to our personal desires and to affection for a few persons nearest to us. Our task must be to free ourselves from the prison by widening our circle of compassion to embrace all living creatures and the whole of nature in its beauty...We shall require a substantially new manner of thinking if mankind is to survive." - Albert Einstein

The Concept of a Universal God

When contemplating infinity and the universe, there is no way to escape the concept of God. That which existed before anything and after anything, even though it may be nothing at all, is still another concept of God. Nothing is not a thing. Traditionally, for most advanced religious dogmas, God is not a thing as well. An empty void has no existence without a universe in which to place it. Even a spirit in a world outside of time and space would need a materialized world for any material form of reality to exist. God and the world not only co-exist, but they ARE one another. How?

Both atheists and theists are correct. God does not exist because God is not a thing in space and time. Existence occurs within space and time. The theist is correct in so far that the dimensionless place that precedes the universe—what they call God—must be infinite and the finite exists within it.

But what is the infinite? Who can possibly comprehend that which is not there—not within the plane of existence? A point, being a singularity, is also infinite, being everywhere at once.

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Modern physicists envision a singular point of infinitely dense particles with indescribable temperatures as the beginning of the universe. It was a place where all particles at once congregated in an unfathomable density before exploding in the Big Bang. What caused these particles to come together is unknown. What packed them so closely is unknown. The singularity, they say, was a micro-momentary event that was unstable and had to expand explosively with the Big Bang.

Where did the Big Bang happen? It happened everywhere because it was and is the entire universe. Having no medium over which to travel, the newly-birthing universe had to carve space, time, and motion as it expanded, moving at incredible speeds. It is said that the result of this expansion—that still exists to this day—will likely reach a point of no return where all movement will cease to exist universally. Whether the bang really occurred in this manner is beyond the scope of this inquiry. I am addressing the unthinkable realm of the non-dimensional.

As the positive numbers in the mathematical universe continue endlessly, the negative numbers continue endlessly as well. The sum of all these numbers negative and positive, are zero, that is, the total mathematical value of the mathematical universe is zero. It has no numerical value, as it is not a thing and needs no value. For example, the sum of $1+2+3+4$ subtracted from the sum of $-1-2-3-4$ equals zero. It has no value because it comes from its source in the non-dimensional. All the mathematical universes must add up to zero as well. In order for that to occur physically—to add up to zero—negative values must be paired with positive values.

I think it is logical to suspect that beyond our visible dimensions there are corresponding negative dimensions. Negative dimensions balance the visible dimensions. Everything in the living universe and most primary atomic particles may have both positive and negative aspects. Non-dimensional attributes of existence could include that which has not yet existed or that which has already existed but removed from dimensional time and space.

The Non-dimensional Aspect

A negative dimension could be like the other side of a Möbius Strip. If, for example, the physical universe is formed like a Möbius Strip—then a thin membrane of a spatial boundary with a simple twist could produce a situation where the observation point on one side of the boundary would be duplicated as an observation point on the other side of the boundary, yet neither point would be aware of the other because of the forward movement of time. On a Möbius Strip, the inside and outside are merged and co-mingled. Viewpoints from the outside see only the exterior, while those on the inside see only the interior.

Assuming that negative dimensions are as real as positive dimensions, the non-dimensional would serve as the realm in which the positive dimensions are balanced by the negative dimensions. Both are parts of the whole universe and not two separate universes - they are commingled and entangled, while the non-dimensional knows no boundary and is infinite. We can assume that there is only one infinity or assume that there are as many localized infinities as

there are positive and negative numbers. Infinity takes up no space nor has duration. An infinite number of local infinities could fit in the one infinity as their numeric value is zero.

Infinity & Information Storage

When change occurs in the dimensional universe, that change is recorded physically by changes in the physical matter of the universe. The non-dimensional is both opposed and complementary to the physical universe. It is the realm of mathematics and ideas. Data from the physical world may be simultaneously coded and stored as data in the non-dimensional realm.

Matter behaves like both a particle and a wave. Matter is the temporal recording media of physical change. Events are coded physically and stored to form our mental experience. The non-dimensional process of thought and awareness constantly create our consciousness in the present moment. This is one example as to how the non-dimensional interacts with the dimensional. It has done so throughout the process of evolution. Non-dimensional activity is present in instincts and the workings of the unconscious mind. This activity is unfurled into finite chemical and electrical activities that evolve further and, in turn, record their changes back into the non-dimensional.

In the non-dimensional realm, records of events are coded into wave frequencies that hold mathematical descriptions of their counterparts in the dimensional universe. The equations and formulas in the non-dimensional realm come to being in the physical world and guide the unfolding of physical universe. Our physical changes may be coded in mathematical forms and also simultaneously recorded in the non-dimensional realm from which the physical universe is projected since the Big Bang. The dimensional universe created a boundary that limited the infinity to localized viewpoints.

Awareness & Essence

The other essential aspect of the non-dimensional is awareness. Even if this awareness had nothing of which to be aware for what we consider an era in time, it is still primal awareness. Awareness must necessarily precede observation and interaction or no events would occur at all. Something needs to be aware of any interaction and that awareness happens by necessity in the non-dimensional realm.

Our perception of the dimensional universe is limited and our lives have beginnings and endings. The question is: Are we preserved in the infinite non-dimensional realm?

Three-dimensional objects can be mapped out on a piece of two-dimensional paper and the paper can be folded to create that object in three dimensions. This is the case with origami techniques known for generations. The diagram of the object on the two dimensional plane is folded again and again until it becomes a three dimensional object. Nature constantly uses origami techniques to unfold—from the unfolding of a bird's wings, an insect's metamorphosis, and even the DNA

of genetic codes. Because the final product is inherent in the coded structures—similar to the entire image being in every part of a hologram, the spider knows the geometry of its web, the cell knows the sequence of division. The universe itself is in the process of unfolding.

That which is physical and temporal in the dimensional universe is infinite in the non-dimensional. I suspect that information is never lost, but—like matter and energy—changes forms and states. There would be no loss of information if a duplicate eternal copy of all physical realities is encoded beyond time and space in a non-dimensional realm - It would be as though the universe has a backup copy.

We may surmise that awareness—through consciousness and thought turned into action—creates the physical world and all the experience in that world. Awareness is within us—as well as outside us—because it is the foundation of being and the source of all things present, past and future.

We may describe the physical world as not only a work-in-progress but a record of historical events and experiences where thoughts were made manifest and tangible by actions, recorded by the bricks and mortar of matter, and re-interpreted by the mind to form experience.

If it is correct to say that the world is awareness, then it is correct to say that awareness is the world. If it is correct to say that awareness is God, then it is correct to say that God is awareness. If it is correct to say that the world is God, then it is correct to say that God is the world. If it is correct to say that we are the world, then it is correct to say that the world is us. If it is correct to say God is in us, then it is correct to say that we are in God.

There is only 'One-thing' which is an infinite point—a singularity. It is everywhere at once because that is all that there is.

I want to know how God created this world. I am not interested in this or that phenomenon, in the spectrum of this or that element. I want to know His thoughts; the rest are details. - Albert Einstein

Reality is merely an illusion, albeit a very persistent one. - Albert Einstein