

INFLOWMATION – The Relative, Dynamic Process of Natural Information Distribution

Doğan George Gökçe

*The Georgia Institute of Technology (Bachelor of Science Aerospace Engineering)
McDonnell Douglas Corp., Lockheed Martin Corp., Boeing - (Engineer/ Scientist)*

Abstract: This paper is a natural continuation of the ideas expressed in two previous works:

1. *The Geometric Basis of Information and Nature* Copyright 2007 by Dogan G. Gokce
2. *A Possible Structure for Geometry found on the Giza Plateau* Copyright 2017 by Dogan G. Gokce

At the heart of physical and nonphysical description lies propositional, representational mappings of varying complexity and clarity which attempt to model experiences at every level of inspection. Within mathematics, combinatoric gymnastics based on geometric maps are the basis for ideas that go toward a physical Theory of Everything (TOE). Additionally, written language itself can be viewed as a representational mapping of expression which attempts to explain observations mixed with feeling. In a similar vein, music evokes emotion and is transcribed by aural mappings of relational tones. Geometric relationships define a primal, natural mapping logic that is unsurpassed in its ability to succinctly relate disparate facets of mutual observation, feeling, and insight:

“We think in pictures. If you wish to change what you think, change the picture.”- **Aristotle**

The image below captures a dynamic, geometric mapping of The **Process** of INFLOWMATION. When information can be broken down into its simplest elements – that of frequency and form, clarity emerges.



FIG. 1. Model: Transcendental Pyramid Bicone projects analog information into Digital Universe (Hypercube).

Currently, the exploration of mind (the nature and description of consciousness) has taken center stage in attempts to explain and synthesize theories of everything that include mind or awareness. Once again, representational mapping plays a crucial role in constructing the interactions of conscious agents as described by visual researcher Donald Hoffman. Markov Blankets and associated probability kernels organize and detail agent actions by means of rule sets diagramed on geometric maps:

3. *Objects of consciousness - Frontiers in Psychology, Donald D. Hoffman and Chetan Prakash, June 17, 2014*

Additionally, Hoffman and Prakash entertain the idea, through evolutionary game theory, that evolution favors non veridical perceptions.

All of the preceding discussion lends credence to the idea that the “space time map” of current physics is an emergent phenomenon of a more basic understanding or natural law. **The Process of INFLOWMATION** extends the notion of representational mapping to encompass an overarching, geometrical scheme of informational dynamics that forms the core of observational science and construction of mind. Essentially, what is currently called vacuum energy is argued to drive the uncertainty characteristic of geometry abstraction. With this notion in mind, geometric forms are realized to be fundamental units of physical description. The following is an examination of this fundamental process and related experimentation. Light, electromagnetic radiation, is then shown to be organized by this geometric methodology of informational relationships.

The Process of INFLOWMATION naturally reveals itself in a progressive logic that deciphers the core fabric of **observational science** (relative, dynamic information distribution). However, with that being said, in discussing a prerequisite, required **philosophy of mind**, all thought and experience will be argued to be necessarily rooted in a fundamental, base awareness.

The primary association in this logic trail is that a foundational, ground, source consciousness (the mind of the universe) generates and at the same time experiences all aspects of *awareness and thought* as a self-evolving, **centering process** of self-improvement. The proposed aim of universal mind or source is to decrease an existential uncertainty in an ultimately unknowable state of absolute completeness in awareness itself. Therefore, all observations, theories, and intellectual machinations are and must be conceptualized or formed in this source “mind.”

In reviewing the tenants of Perennial Philosophy (See Appendix 1), a tertiary construction of awareness (a process of three’s) was proposed to exist that logically summarizes the organization of universal mind. Called the mind loop [Alex Vary, *We are God – Incarnate*, p. 41, Page Publishing Inc., New York, NY 2019], it is thought to divide source consciousness into three aspects:

1. The physiostratum (representative of the physical, directly experienced and *information*-based universe)
2. The superstratum (representative of ultimate source experience and *information* - awareness)

3. The mesostratum (representative of a mediating entity or manner of experience and *information* transfer)

What follows is a derivation of these three spaces within the framework of nonspecific geometry:

Deriving a consistent definition of what constitutes *information* proves critical to INFLOWMATION analysis at this juncture. The author believes that geometric form and its associated uncertainty as specified in Nonspecific Geometry is the kernel of information definition and generation required to decode the meaning intended at the Giza Plateau. (See reference 1, p. 37 – 39) The geometric forms at Giza are conjectured to represent key elements of an ultimate mapping of vacuum energy distribution that, in fact, form “reality.” The grandeur of the pyramids of Giza lends credence to the representational importance of their forms in this scheme.

In Nonspecific Geometry, uncertainty in absolute position drives “geometrical vibrations” (attempts to find a positional center) which mirror the center seeking aspect of the greater universe as described. This confluence of theme in dynamics goes toward a natural, ultimate uniformity in the description of universal mind.

Nonspecific Euclidean Geometry

Point, line, and plane are the undefined terms that provide the underpinnings and beginnings for geometry. They are undefined in the sense that they are axiomatic – that is, they have no proof or definition – they just exist as being “self-evident” abstractions:

Point: The most fundamental concept in geometry. It specifies location or position in space and has zero width, length or height. It is not possible to physically see a point, and it is usually depicted as a dot.

Line: A point in motion creates a line. It has length, but no width or height.

Plane: A line swept at right angles to its own direction forms a surface called a plane. Planes are two-dimensional and have length and width but no height. A plane extends indefinitely in all directions.

Some commentators have noted that it takes a “certain amount of faith” to go forward in geometric studies because these foundational axioms lay outside proof... Nonspecific Geometry will be developed to add “characteristics or description” to these fundamental abstractions that do not interfere with their usage as elements of geometric construction. In fact, with this new approach, clarity emerges which requires less faith on the part of the investigator and delivers rich possibilities.

Does it make any sense that points have no dimension (size)?

How can points really locate anything if one cannot see or conceptualize them in reality? Logical dilemma...

A counter intuitive limit condition has been imposed on geometric construction (geometry made of points).

Rather than employ an “artificial limit,” one can develop a more natural construct for geometric entities – let them be dynamic and reflect infinities – This insight is key to understanding the monuments on the Giza Plateau.

NONSPECIFIC POINT (Infinitely contracting sphere – infinitesimal) Momentarily frozen in state of infinite shrinkage specifies zone of uncertainty in absolute position (ω):

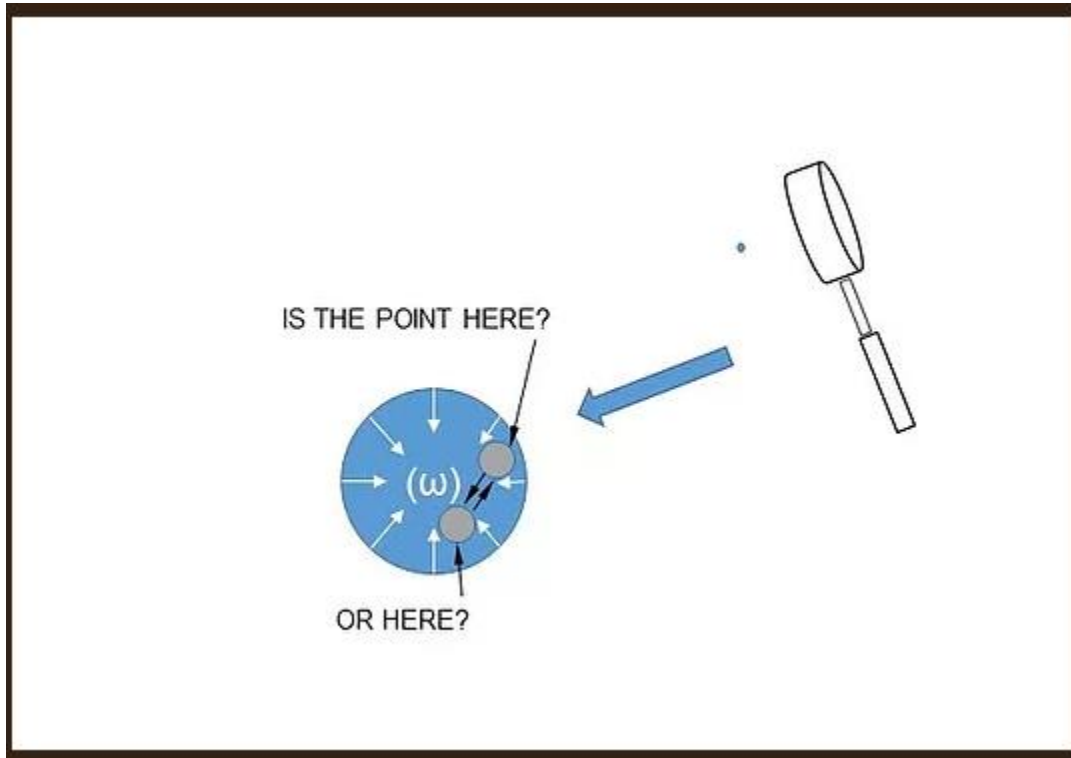


FIG. 2. Nonspecific Point

The whereabouts of the nonspecific point at this instant is “blurred” due to (ω). No absolute position will ever be found. Thus, any arbitrary “sub” resolution point can be thought to be vibrating in a zone of uncertainty at this moment... This condition never ceases...

NONSPECIFIC LINE (Infinitely contracting cylinder – infinitesimal) Momentarily frozen in state of infinite shrinkage specifies zone of uncertainty in absolute position (ω):

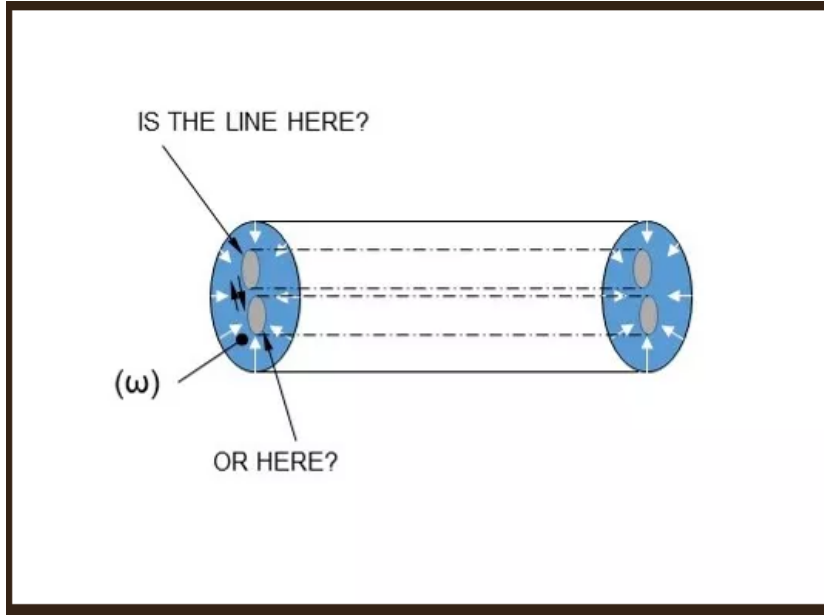


FIG. 3. Nonspecific Line

The whereabouts of the nonspecific line at this instant is “blurred” due to (ω) . No absolute position will ever be found. Thus, any arbitrary “sub” resolution line can be thought to be vibrating in a zone of uncertainty at this moment... This condition never ceases...

NONSPECIFIC PLANE (Infinitely contracting cylinders/lines – infinitesimals) Momentarily frozen in state of infinite shrinkage specifies zone of uncertainty in absolute position (ω):

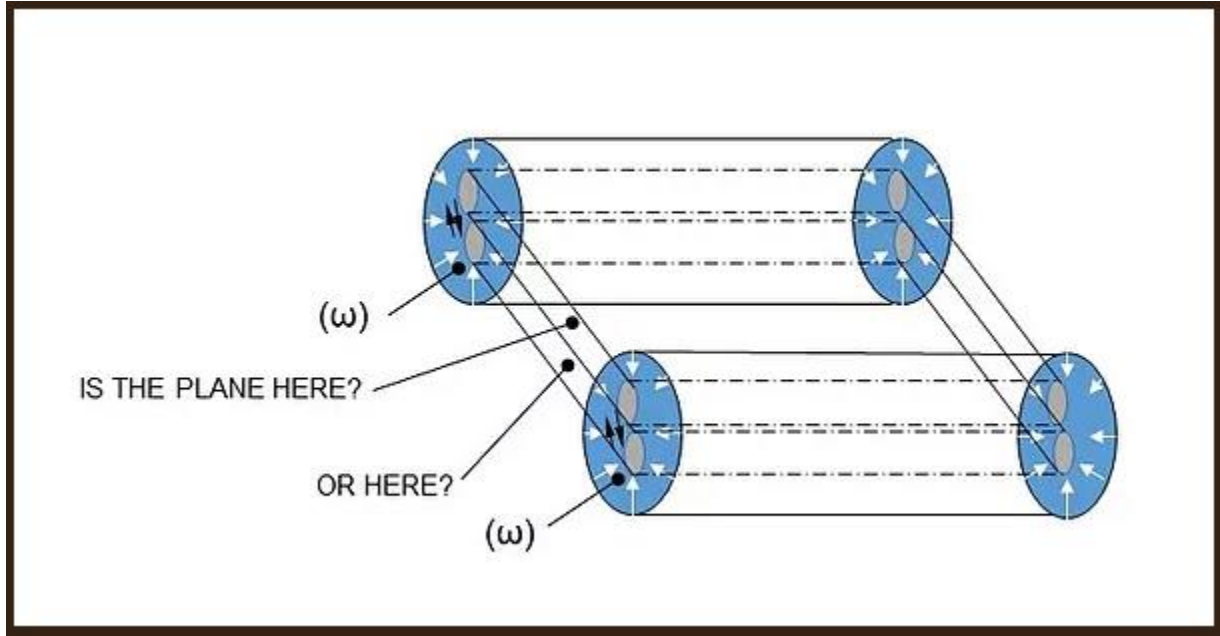


FIG. 4. Nonspecific Plane

The whereabouts of the nonspecific plane at this instant is “blurred” due to (ω). No absolute position will ever be found. Thus, any arbitrary “sub” resolution line can be thought to be vibrating in a zone of uncertainty at this moment... This condition never ceases...

In a sense, nonspecific geometric elements can be said to be constantly "searching for a center" - an absolute position that never really exists... An argument could be made that sub resolution geometry finds a statistical center that equates to current views of limited geometric entities.

In some philosophical traditions, “emptiness” represents the essence of enlightenment. Emptiness is personified as formlessness and infinity in accord with this view. Nonspecific Geometric analysis starts with an expansive, infinite, empty space (outwardly bound void) that is broken when a basic geometric entity – point, line or plane is conceptualized. At the instant of conceptualization of these entities a foundational, infinite, outwardly bound space or void is broken to form an infinite, inwardly bound space or void:

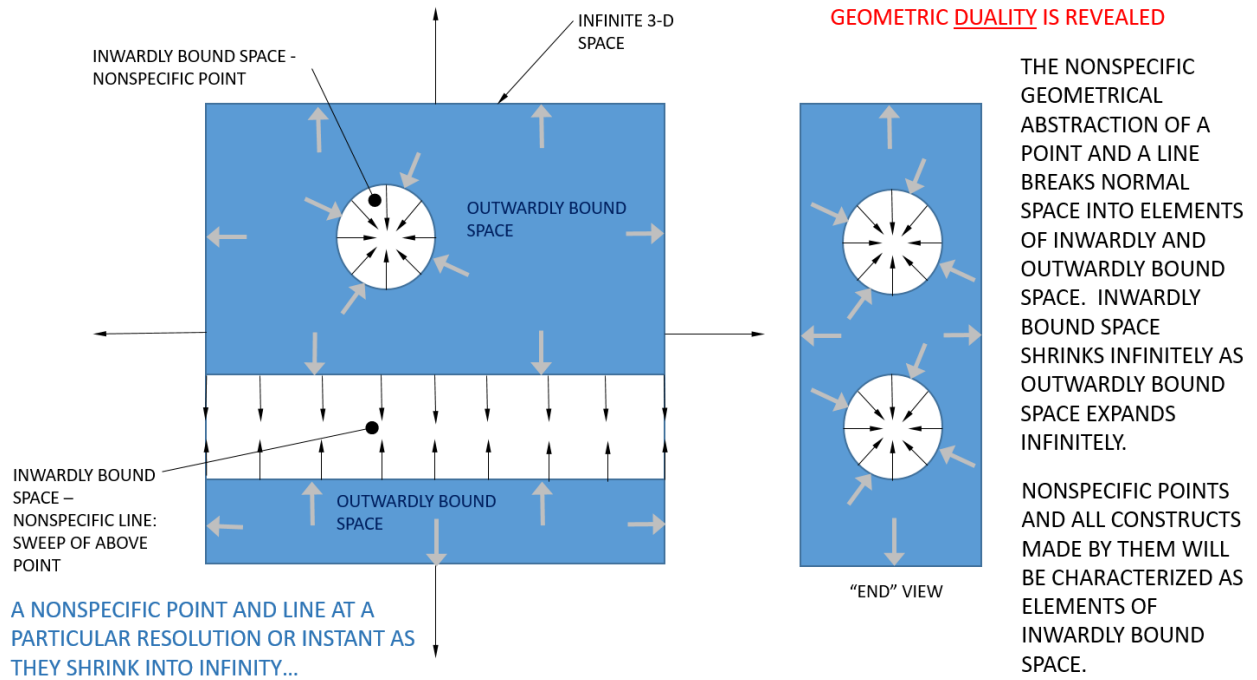


FIG. 5. Concept of Inwardly and Outwardly Bound Space

One naturally evolving consequence of a nonspecific geometric point is that an infinite distance separates any two of them...

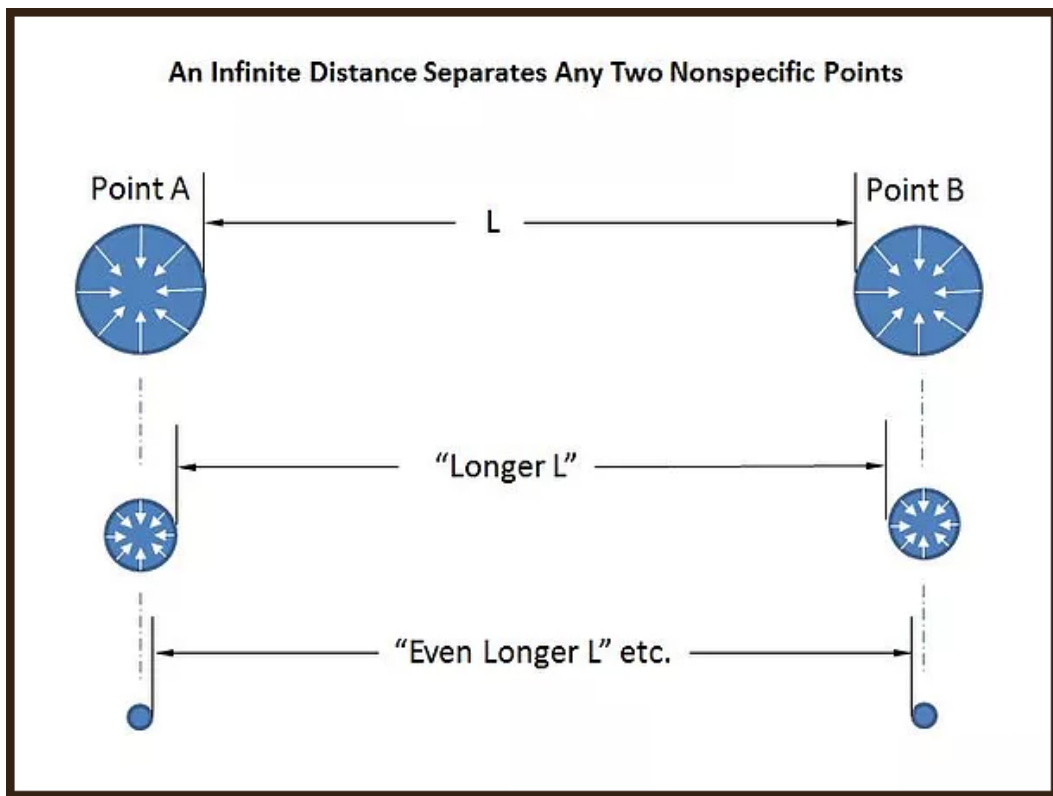


FIG. 6. Nonspecific Point Separation by Infinity

Instead of trying to marginalize these infinities as is usually typical in most current analysis, one should accept this phenomenon as a natural consequence of an honest, geometric logic that produces two fundamental entities – inwardly and outwardly bound space or void. Thus, a tertiary, geometric construct parallel with Perennial Philosophy description has surfaced: inwardly and outwardly bound space together best describe and are necessary to begin unlimited, nonspecific, geometric analysis.

THE PHYSIOSTRATUM

Armed with the above logic, the synthesis of the physiostratum can begin:

It seems that all macro motion in the physiostratum (the domain of everyday experience) involves stopping and then starting again relative to an observer. Put another way, from a point of view called the *universal perspective* developed in 2007 (see reference 1), all matter and light **in the physiostratum** since the Big Bang can be seen to be evolving from a series of collisions or relative stopping points called **nodes**. (For the most part, nodes are scattering events which serve the greater purpose of re-centering.) Thus, observationally the physiostratum is characterized as a noncontinuous or “digital realm.”

If so inclined, see *The Geometric Basis of Information and Nature* (reference 1) for a more rigorous argument on the digital nature of the physiostratum, the logical development of the universal perspective, and Nonspecific Geometry as the basis of information genesis.

Given that an infinite distance separates two nonspecific points and that the universal perspective generates nodes as a requirement, another “centering” or conformity of theme has arisen that reinforces the noncontinuous, digital nature of the physiostratum. One of the immediate implications of Nonspecific Geometry is that traversing or moving through physiostratum space requires a discrete action or *modus operandi*. Simply put, with Nonspecific Geometry, it is not possible to move through physiostratum space in a continuous fashion because an infinite distance (ΔL) separates any two points. Additionally, because geometric form and coupled nonspecific vibration in a related zone of uncertainty (equivalent to vacuum energy) fundamentally describe information creation, a particular geometric form located on each node of the physiostratum must be chosen or discovered so that information can be created or actualized in the physiostratum.

A hypercube lattice or tessellation centered on a rectilinear pattern of nodes fulfills this geometric need and defines an infinite series of isolated, three-dimensional domains or spaces within the physiostratum by means of unextended dimensions:

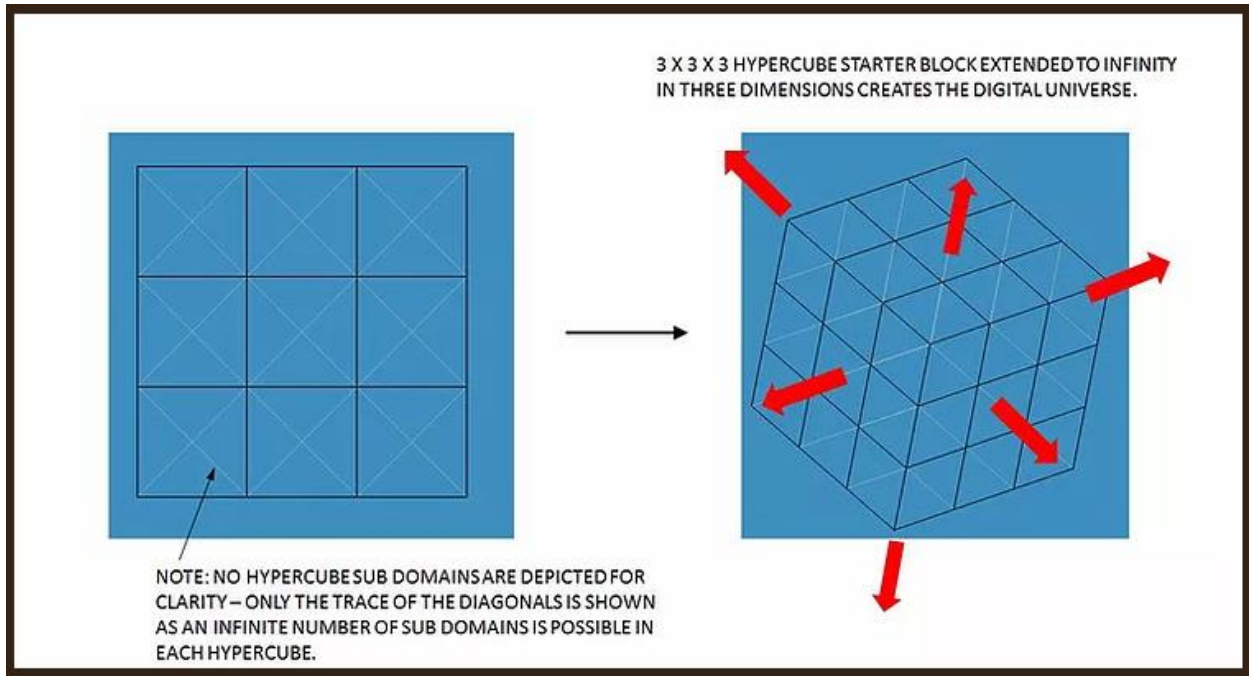


FIG. 7. Hypercube Tessellation of Physiostratum Space

Review *A Possible Structure for Geometry Found on the Giza Plateau* (reference 2) for a more concise or technical presentation of the totality of the above ideas.

Normally, a three-dimensional space is defined as seen as an expansion of unextended dimensions:

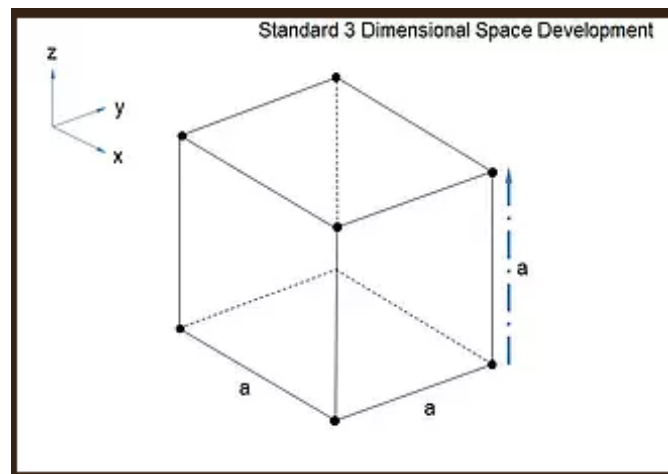


FIG. 8. Definition of Three-Dimensional Space

Within the context of INFLOWMATION a hypercube is usually represented by this depiction where delta (δ) represents a distance along a hypercube diagonal:

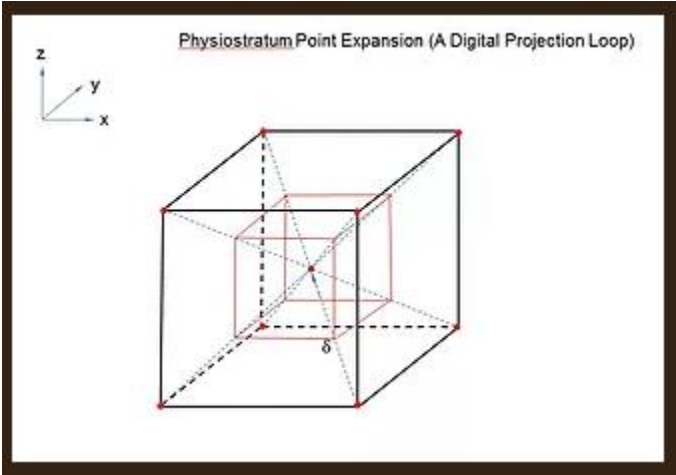


FIG. 9. Definition of Hypercube

Finally, view the preferred visualization (simultaneous expansion of unextended dimensions from the cube center point) of the generic hypercube emblematic of the physiostratum:

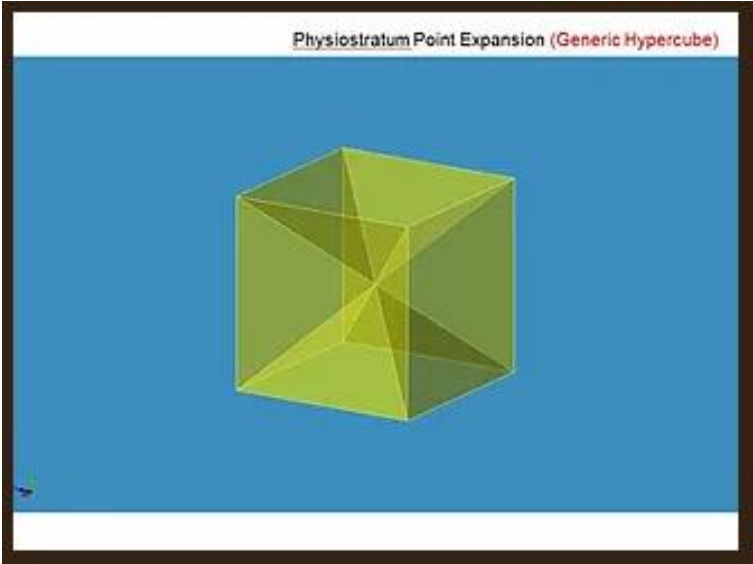


FIG. 10. Definition of Generic Hypercube

One more important observation on the nature of the “digital” physiostratum:

Because vibratory information must be able to traverse the infinite distance between the hypercubes centered on the nonspecific nodes that define the physiostratum, an analog universe is proposed to exist that bridges this informational discontinuity. Thus, a **coexisting space**, the “continuous” superstratum defined and made necessary by the preceding considerations exists in theory.

THE SUPERSTRATUM

Just as a two-dimensional, unit circle’s perimeter in mathematics describes the generation of two-dimensional, continuous waveforms (sine and cosine waves), a unit sphere’s surface area can similarly describe three-dimensional continuous waveforms (information) under a particular analysis. **In total, the superstratum can be visualized as a probabilistic field composed of dynamic, three-dimensional waves.**

For this reason, **the simultaneous expansion** of unextended dimensions (see reference 2) that form a unit sphere’s surface area characterizes the information content of the **superstratum** at any particular physiostratum node in any particular hypercube dimensional domain.

Simultaneous expansion of a unit sphere’s surface area from its center point yields spheres of different scales:

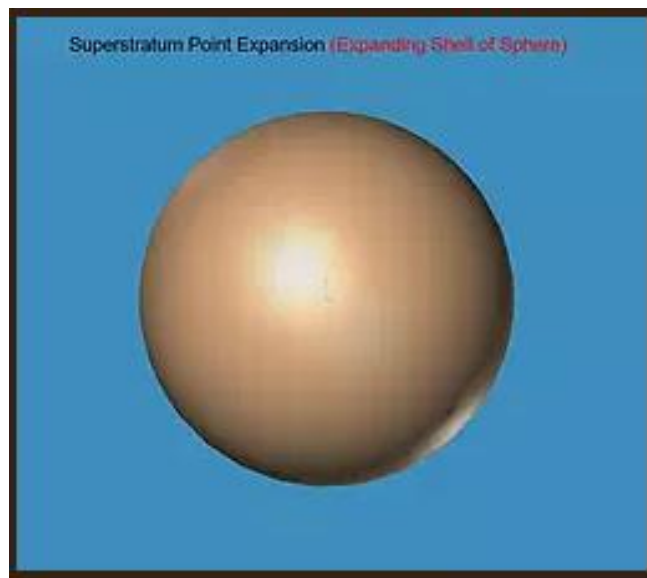


FIG. 11. Definition of Superstratum

In a logical, natural fashion, **two** coexisting spaces have surfaced in exploring Giza Code. If the **tertiary** foundations of Perennial Philosophy (see Perennial Philosophy in Appendix 1) are to hold with a

confluence of theme, then a **third** coexisting space should exist to complete the transformational process of information evolution. Enter the mesostratum...

THE MESOSTRATUM

The definition of the mesostratum is central to the message intended in stone at Giza. After an exhausting search and a bit of serendipity for a correlate to the geometry seen in the pyramidal forms on display at Giza, The Turning Point discovered the likely source of the native geometry that defines the mesostratum.

As seen in reference 2, p. 13 and below, a Transcendental Pyramid (representative of the mesostratum) is found nested in hypercube geometry. *Furthermore, the three pyramids of Giza are interrelated to each other and to the Transcendental Pyramid as seen in reference 2 to within 6 inches of published measurement data under this arrangement...* This extreme correspondence would be pushing credulity if this relationship were mere chance given the huge size of these pyramidal forms and the inaccuracies involved in the measurement of their original state.

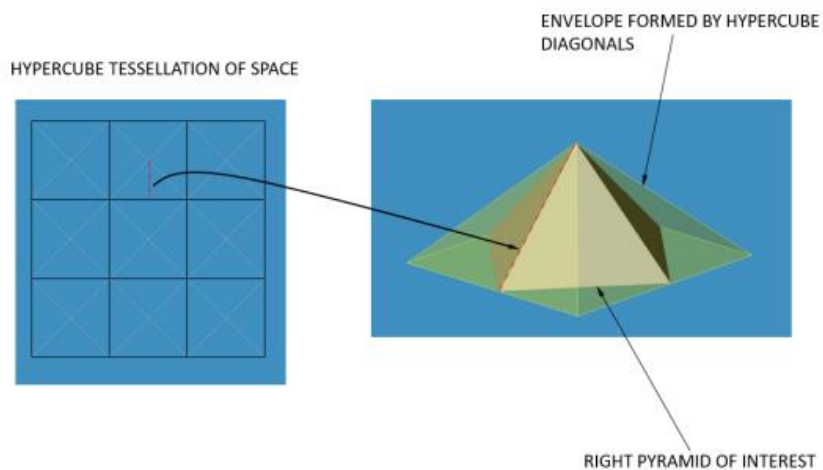


FIG. 12. Definition of The Transcendental Pyramid

The author believes the pyramids of Giza to represent diagrammatic deformational states of the Transcendental Pyramid as seen in reference 2, p.13 - 17. This deformation occurs in a zone of geometrical uncertainty that surrounds the Transcendental Pyramid. (Geometrical uncertainty driven by vacuum energy). Because the mesostratum is a coexisting space and the proposed mechanism of information transfer between the digital physiostratum and the analog, continuous superstratum, it should demonstrate aspects of definition and dynamics that are both “digital and analog” in description.

Rotation is best characterized in an analog manner (continuous waveforms). Thus, if the Transcendental Pyramid rotates about a physiostratum node (hypercube center), it simultaneously encodes both digital and analog information in its zone of uncertainty which can be read or shared by the other two coexisting spaces (the physiostratum and the superstratum) as seen in reference 2. With

this construction, the physiostratum can be understood as a projection of the information content of the superstratum via the mesostratum.

Simultaneous, dynamic expansion of unextended dimensions (both in an analog and in a digital manner) creates the Transcendental Pyramid of the mesostratum:

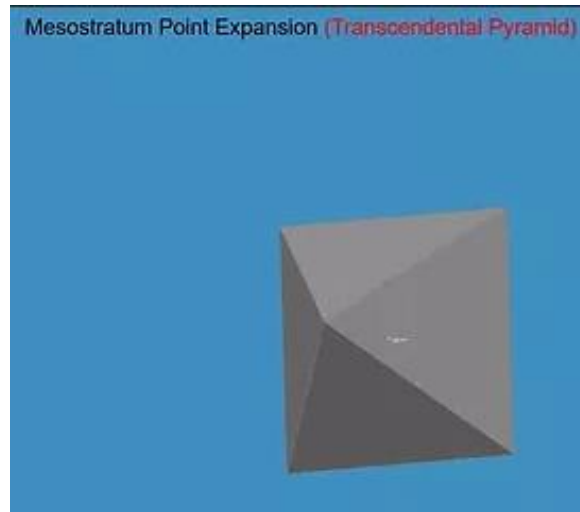


FIG. 13. Definition of Mesostratum Point

The “actualization” of the physiostratum involves or requires that the Transcendental Pyramid read two circles of differing diameters. See reference 2, p.18 - 23. *This fact correlates with Perennial Philosophy in that these two circles provide the necessary contrast to generate the deformation of the Transcendental Pyramid which is critical to the mediating nature of the mesostratum.* Later in this paper, these assertions will be developed as an application of Special Relativity.

The deformation of the Transcendental Pyramid as seen through a cross-section of the pyramid:

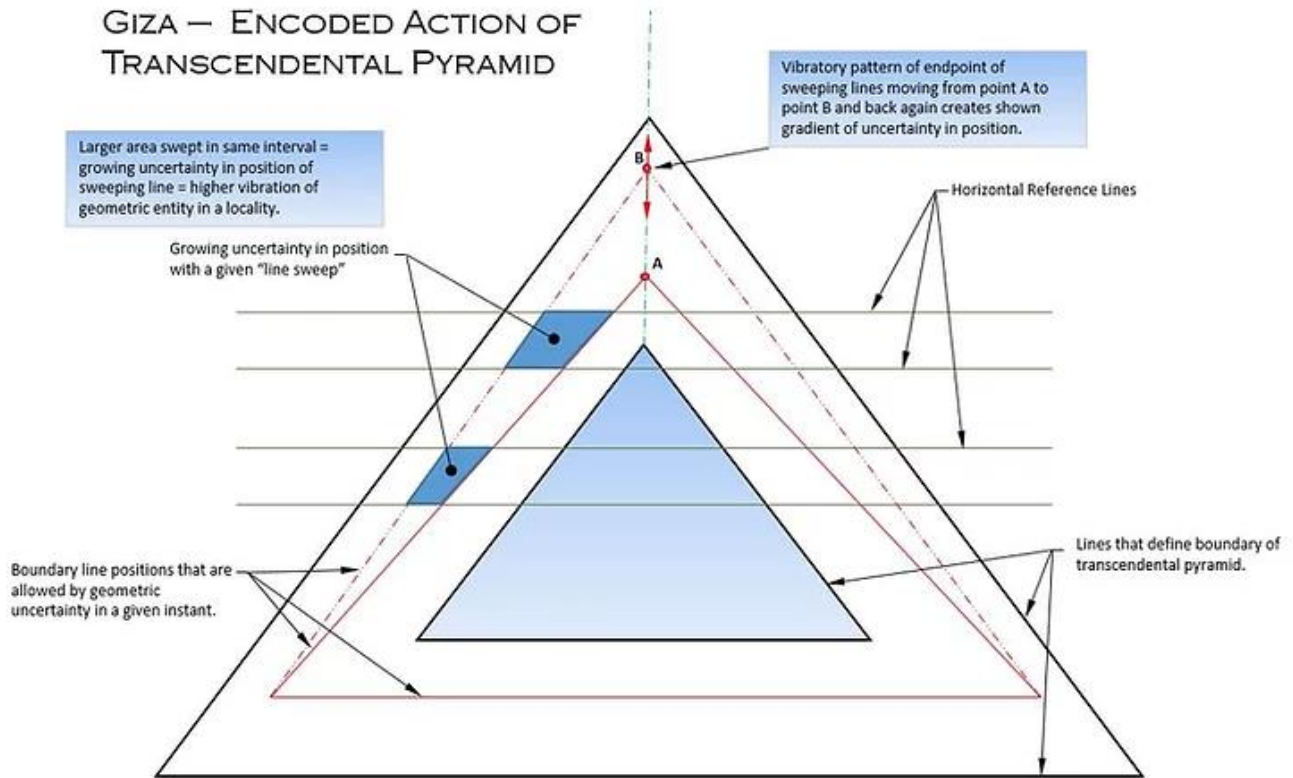


FIG. 14. Encoded Action of Transcendental Pyramid

Visualization of Transcendental Pyramid deformation implied at Giza in a zone of uncertainty shown above:

Notice in diagram that more area is swept in a given cycle as you move toward the apex. Thus, higher geometric hypercube domains vibrate in their zones of uncertainty with the same frequency of deformation but with a greater wavelength. This difference in wavelength helps to isolate each physiostratum domain consisting of three dimensions each and establishes a hierarchy of increasing waveform vibratory density as the apex is approached. Waveform vibratory density equates to energy density in a physical system. ***In view of these stipulations, information genesis creates a description of energy distribution with the potential for relative, native, superluminal domains of experience as structure. (See reference 2, Fig. 36, p. 26)***

The superposition of information origins, distribution, and actualization is an infinite process best symbolized by the action of the Transcendental Pyramid which is embodied in stone forms at Giza. This Process of “Inflowmation,” a term coined by the author, can be visualized in the superposition of coexisting spaces mapped below:

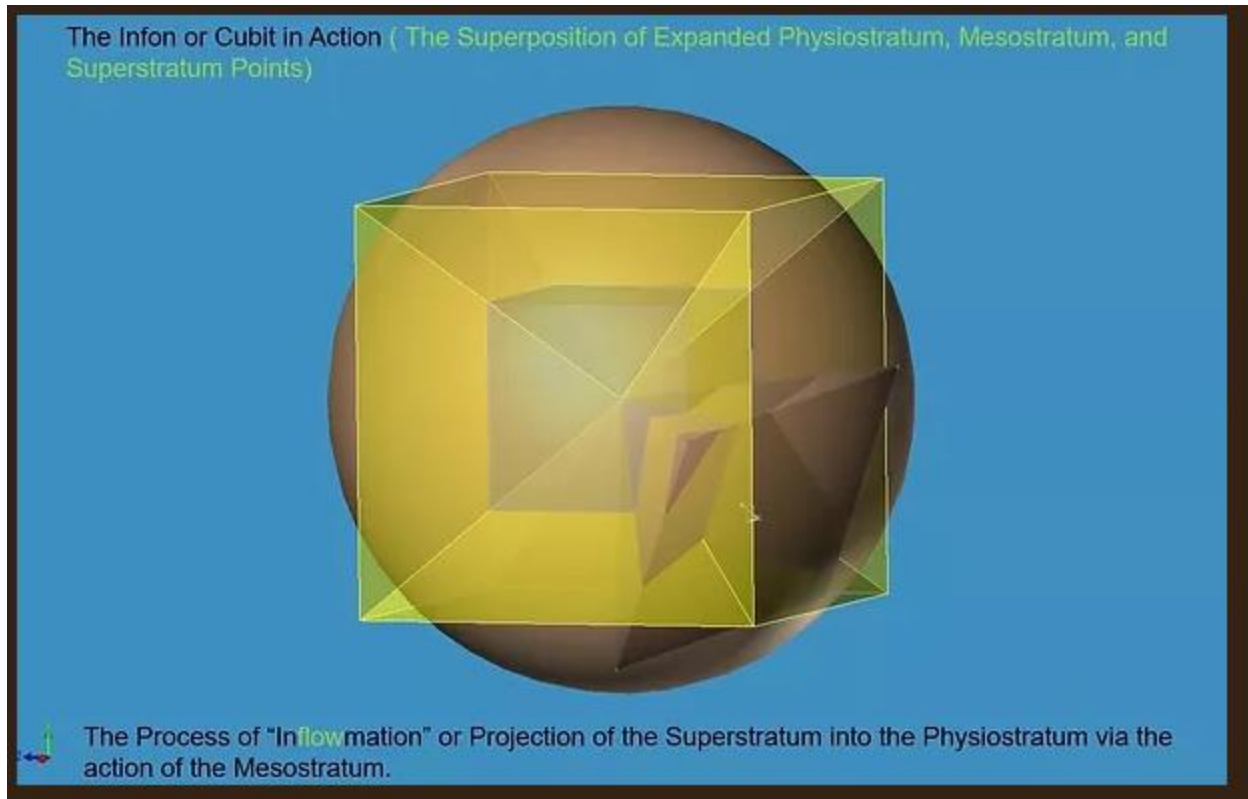


FIG. 15. Detailed “Anatomy” of an Infon

This mapping logic equates the above arrangement of geometry to energy -> information -> a Projective Geometric Rule Set.

Given these stipulations and related arguments, a new, novel model of the universe can be constructed in which the informational dynamics previously provides the clarity required on which to base an information based physics – a Giza code in short.

Each node in this new geometry has an “in” and “out” informational state. Geometric positional uncertainty (superstratum information/energy - proposed to be waveform based) enters and then leaves each hypercube node in all mapped coexisting spaces. ***The action of the Transcendental Pyramid, the mesostratum, is the mechanism of information translation and transformation between all spaces at every node.***

A powerful method of visualizing this proposed dynamics is to imagine that each Transcendental Pyramid of the mesostratum at any scale serves as a “water wheel” by virtue of its constant rotation in two circles of radius r and r_2 outlined previously. By this mechanism, it reads the superstratum “in state” and “out state” of information *flow* through any node at any scale. In other words, the transcendental pyramid can be visualized as “riding” or being propelled or driven by the rushing water

(superstratum waveform bundle **passing through each point of the base of the Transcendental Pyramid**)
in this analogy.

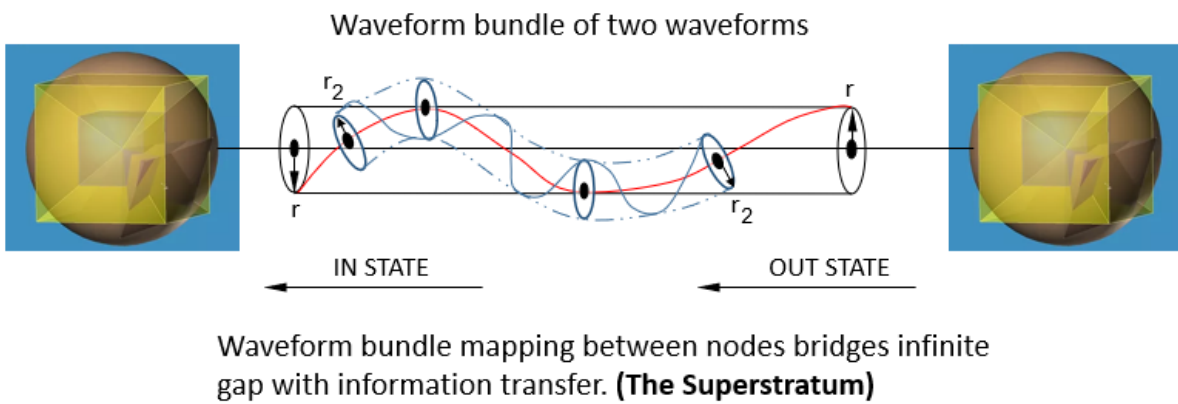


FIG. 16. Superstratum Information Transfer Between Any Two Nodes (Infons)

THE GRAND CORRELATION

With this logic (Energy -> Information -> Projective Geometric Rule Set) polytopes can be understood to be fundamental descriptors of nature. Between any two nodes lies a continuous, moving waveform bundle of untold, infinite, information handling capability and energy potential within a framework of geometric identity of frequency and form. FIG. 17 details the construction of the waveform bundle that is read by means of the rotation of the Transcendental Pyramid.

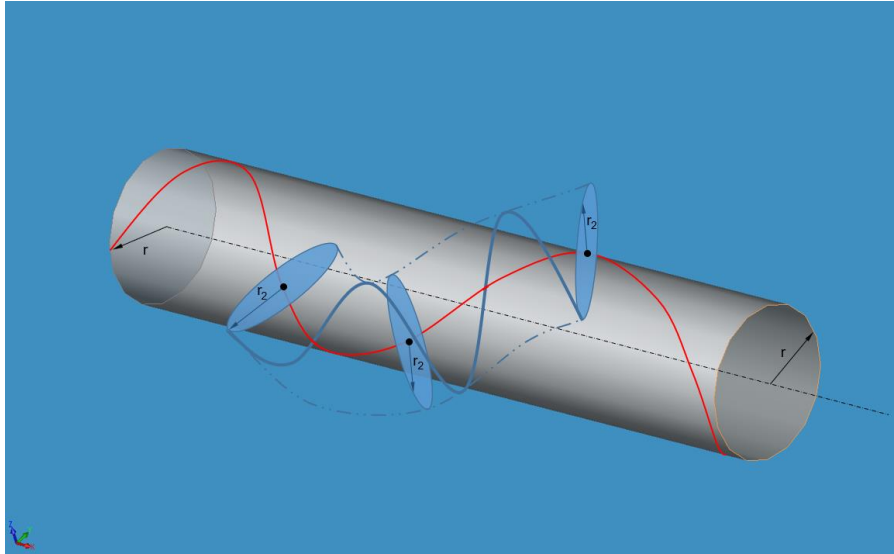


FIG. 17. Detail of dual waveform bundle that is read by rotations r and r_2 of Transcendental Pyramid. (Note: Both blue and red waveforms are continuous and move either left to right or right to left in the figure.)

Equivalent geometric mappings between mesostratum and superstratum - the dual rotation of the Transcendental Pyramid at a node is shown corresponding to a “flowing” dual waveform bundle:

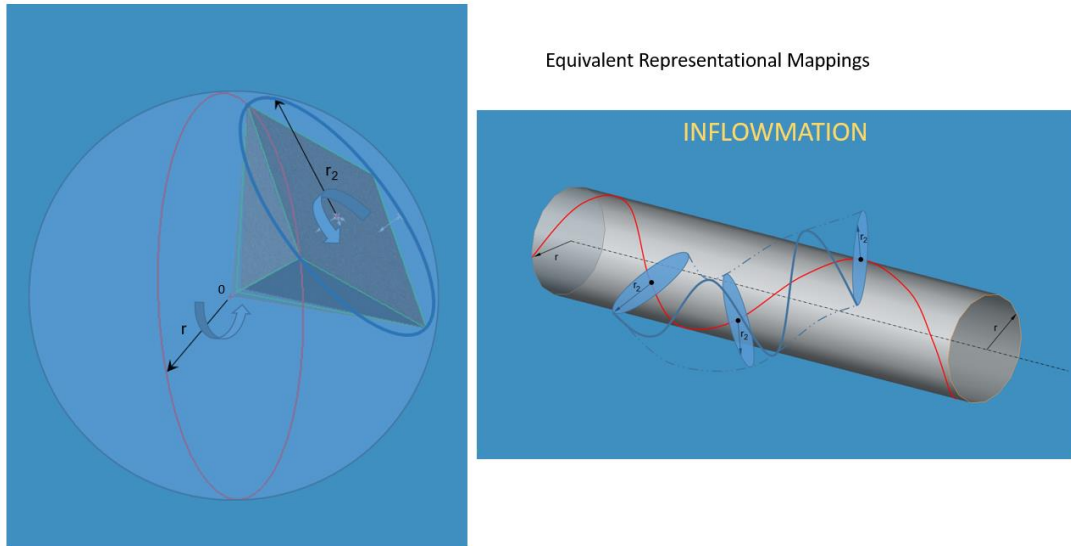


FIG. 18. Dual waveform bundle that is read by rotations r and r_2 of Transcendental Pyramid.

Once the above concept and relationship of equivalent, geometric based mapping of a nonspecific geometry is understood, then one can say that a node represents a formulation of “all paths” by the following logic:

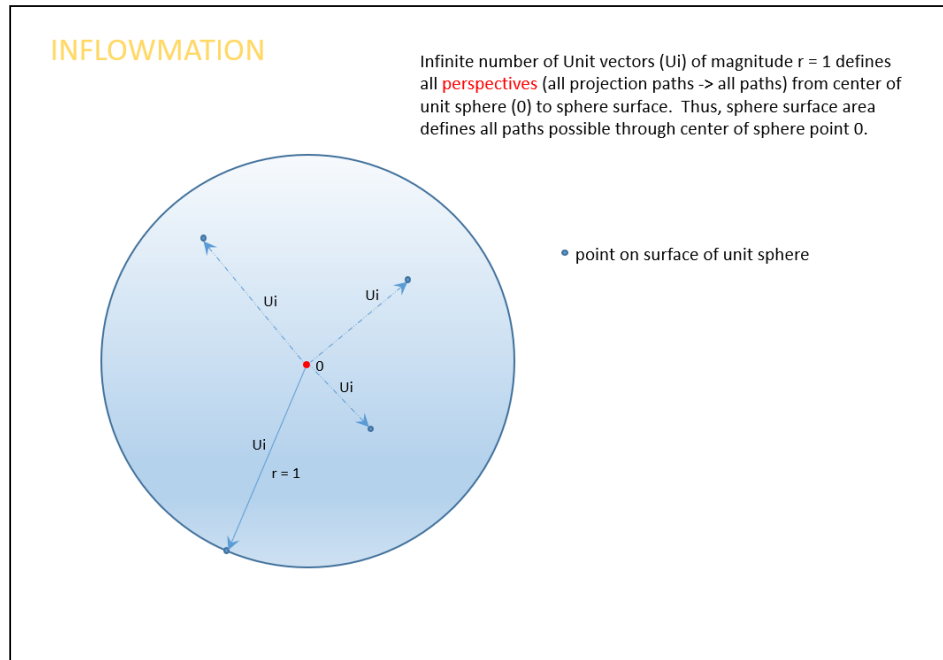


FIG. 19. Definition of all paths defined by surface area of sphere.

From the perspective of point 0, the dual rotation of the Transcendental Pyramid (TD) defines all geometrical projections of the Transcendental Pyramid itself in space which equates to a summary of all paths in a physical system of energy distribution and description.

*To summarize thus far, in the preceding narrative a nonspecific point has been formalized as a more complete descriptor of geometric identity and vacuum energy distribution. Within this framework, infinities existing in geometric description have been harnessed to generate nodes which tile all of space via a hypercube tessellation. **This hypercube space, one of three coexisting spaces which define a node, has been labeled the physiostratum.***

***Another coexisting space element centered on each hypercube was specified as a “unit or dimensionless sphere” labeled the superstratum.** While considering the sphere, it was shown to be equivalent to a definition of all paths. The base points of the TD are defined and found on the surface of this sphere and define the radius of the sphere, r .*

***A third coexisting space, the mesostratum (the spinning Transcendental Pyramid about point 0)** was shown in principle to link the informational content of the physiostratum and the superstratum by reading a continuous waveform bundle that spans all nodes and that bridges the infinite distance between nodes via mappings of geometric identity.*

The details of the transformation of information (and thus, energy) by means of Special Relativity are next up in this discussion. Note once again, all representations of these coexisting spaces are dimensionless to aid in unlimited, infinite scaling. **Ultimately, these geometries and their related method of energy distribution will be shown to accommodate and promote metaphysical idealism – the idea that consciousness is primary and represented in this conceptualization by a continuous, superstratum wave bundle.**

FIG. 20 and 21 below outline the method of action of the Transcendental Pyramid (TD) by Special Relativity considerations:

1. Relative to point 0, cyclic, driven rotations 1 and 2 cause base points (and all parallel section cuts to pyramid base) of TD to experience larger or smaller circumferential paths due to Special Relativity.
2. Increasing and/or decreasing angular velocities of TD in both rotation modes causes cyclic deformation of the TD by Special Relativity as seen in FIG 21. Note: only the instance of increasing of angular velocity is shown in FIG. 21. A lessening relative value of angular velocity causes a shrinkage of traced circumference by Special Relativity and a growing in size of grey areas.
3. **If the TD is assigned a mass density of unit value (1) or is assumed to create mass by its motion and relative geometry, then the deformation action of the TD (the mesostratum) defines the conservation of angular momentum and births (informs) critical aspects of space-time, the hypercube physiostratum.**

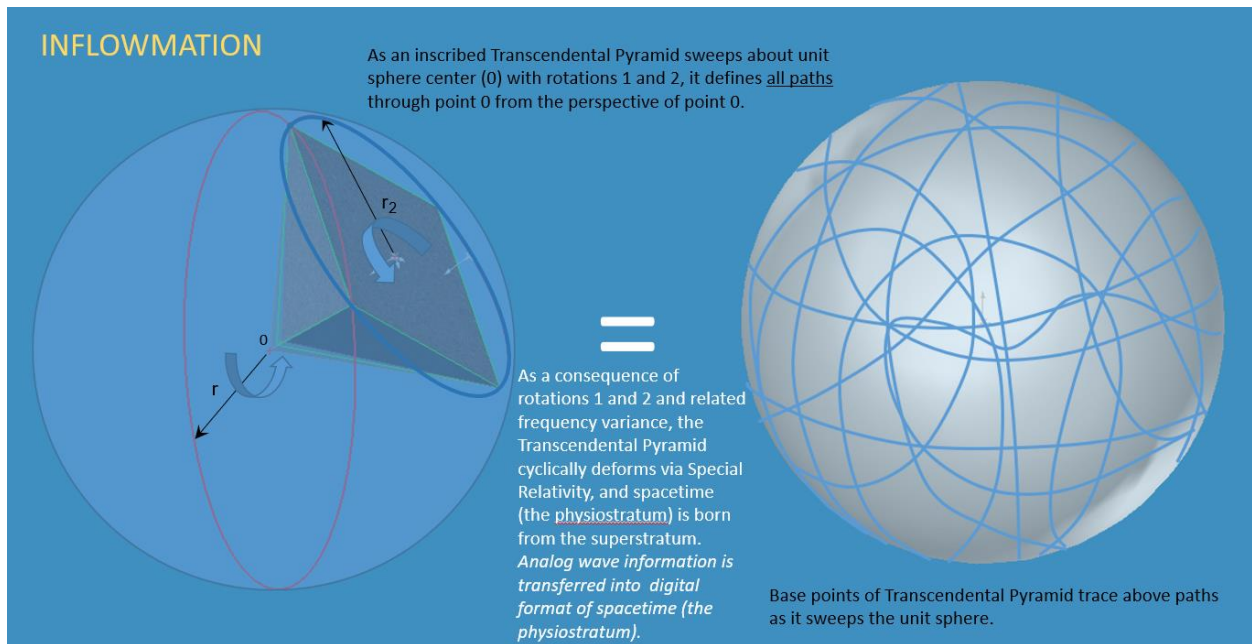


FIG. 20. Graphic Summary of Mesostratum Inflowmation Process

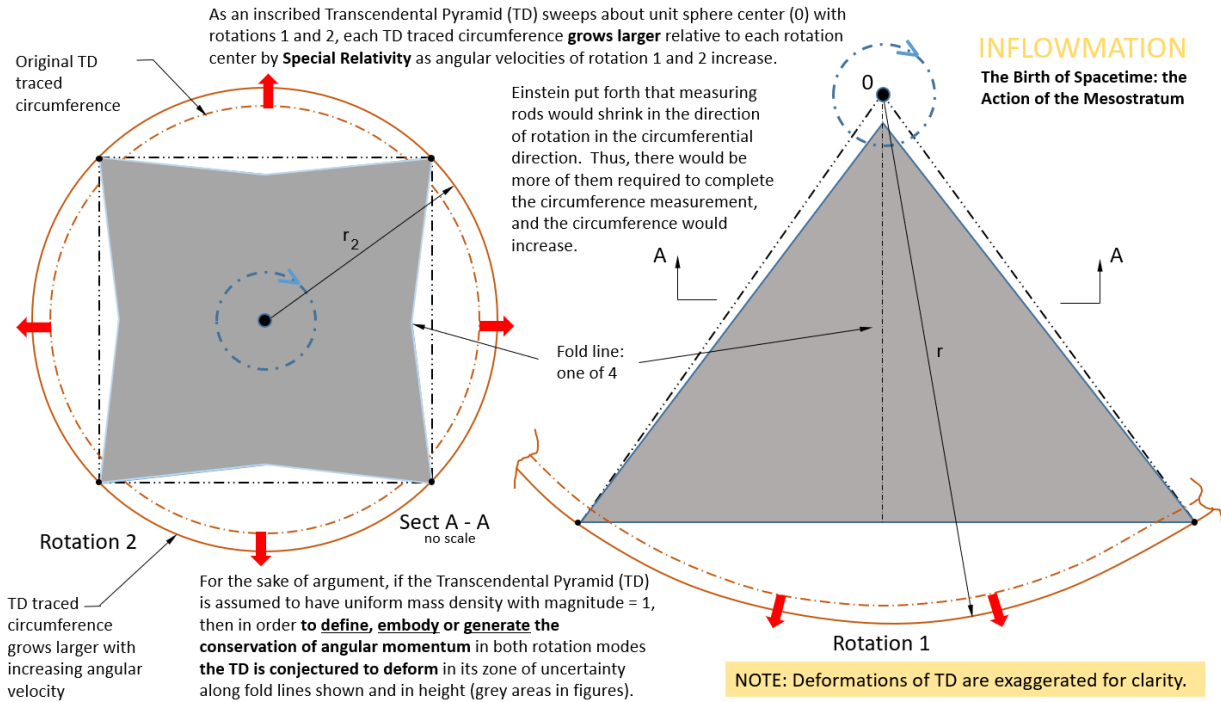


FIG. 21. Graphic Summary of Mesostratum Inflowmation Process

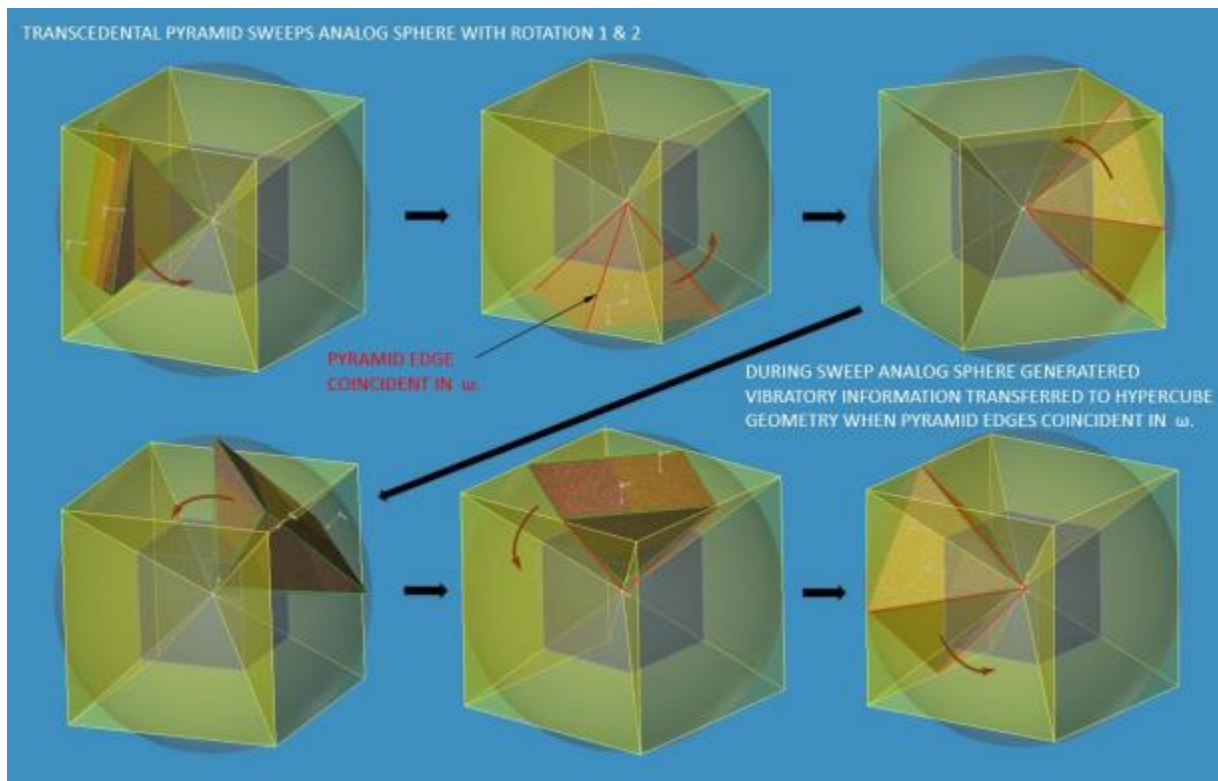


FIG. 22. Graphic Summary of Inflowmation Process - Excitation of Physiostratum (Hypercube)

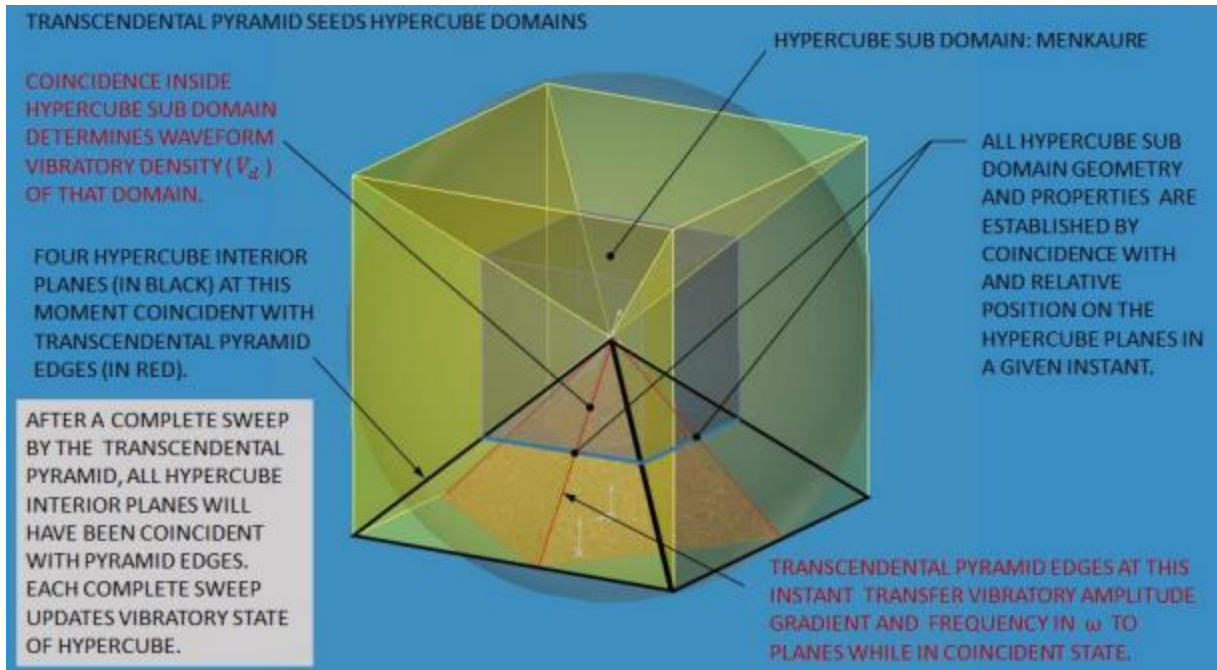
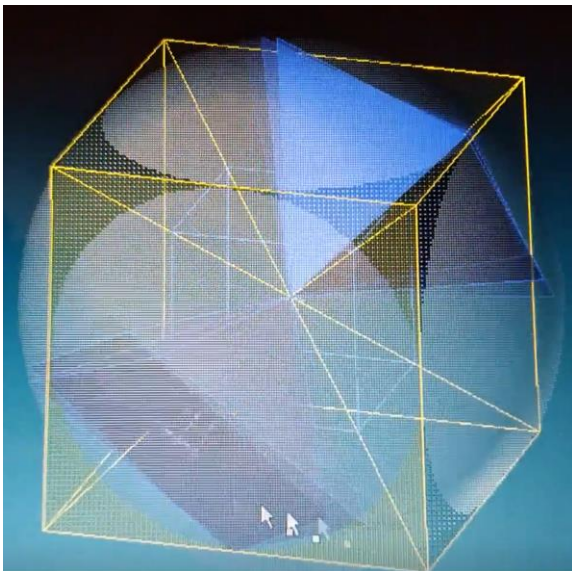


FIG. 23. Graphic Summary of Inflowmation Process - Excitation of Physiostratum (Hypercube)

(Note: Figures 22 and 23 taken from reference 2, pg. 27)

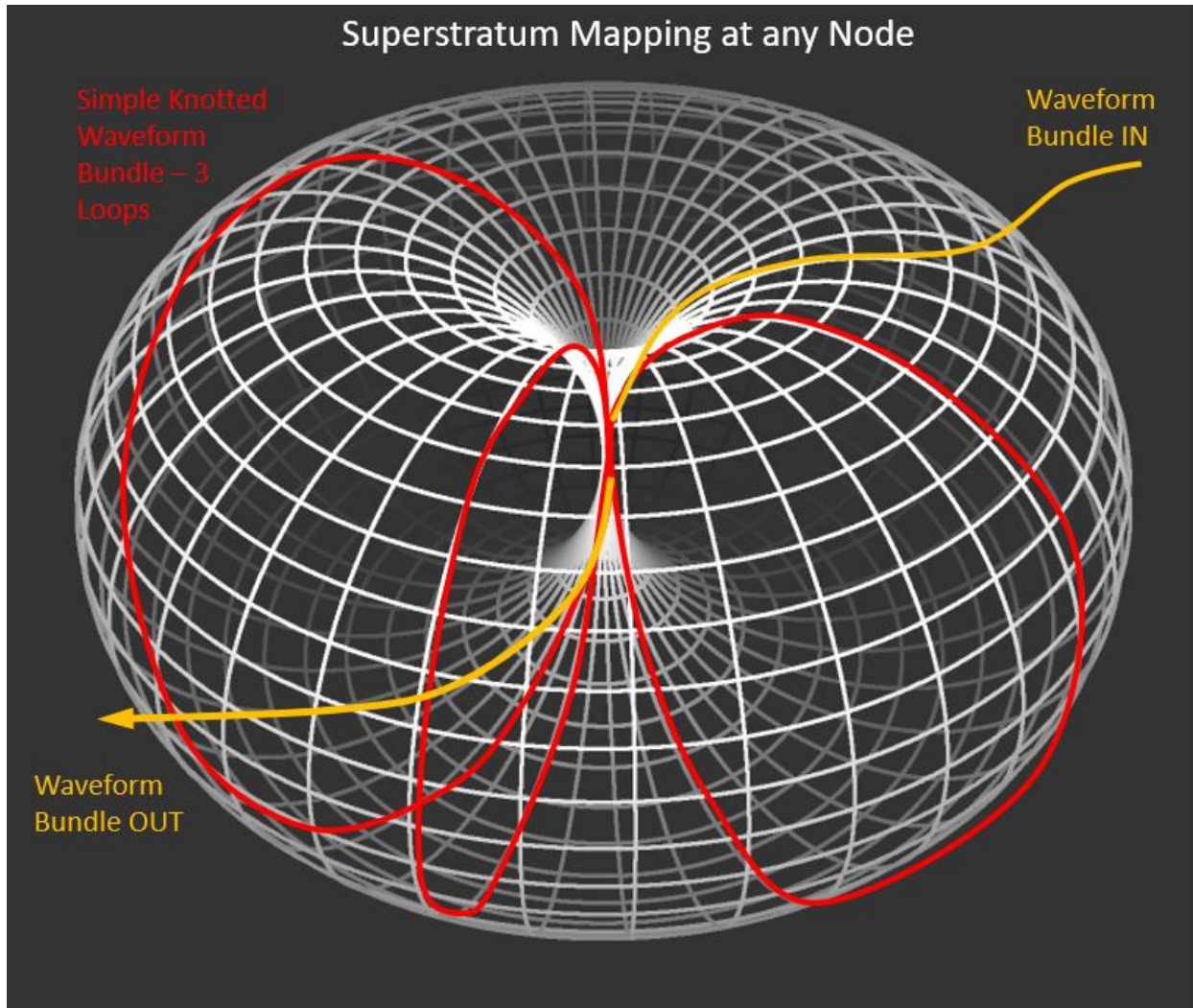
In FIG. 22 and 23, the lines that define the Transcendental Pyramid cyclically become coincident with hypercube geometry; the superstratum information contained in the waveform bundles is then transferred to update the vibratory state of the entire, physiostratum hypercube network.

Note: Because of photographic evidence found in several natural systems and related experimentation, a dual bicone construction at each node is proposed as a better model of the proposed geometry:



A MORE COMPLETE DESCRIPTION OF NETWORK DYNAMICS AND THE INCORPORATION OF KNOTS IN THE SUPERSTRATUM

The sphere of the superstratum can map to a horn torus. This logic allows the continuous waveform bundle read at each node to form a knot of any complexity and thus to code superstratum information with greater dynamic flair or capability at each node.



Horn Torus courtesy of Wolfgang W. Daumler, Perouse, Germany Contact: artmetic@gmx.de

FIG. 24. Final Superstratum Mapping at Any Physiostratum Node

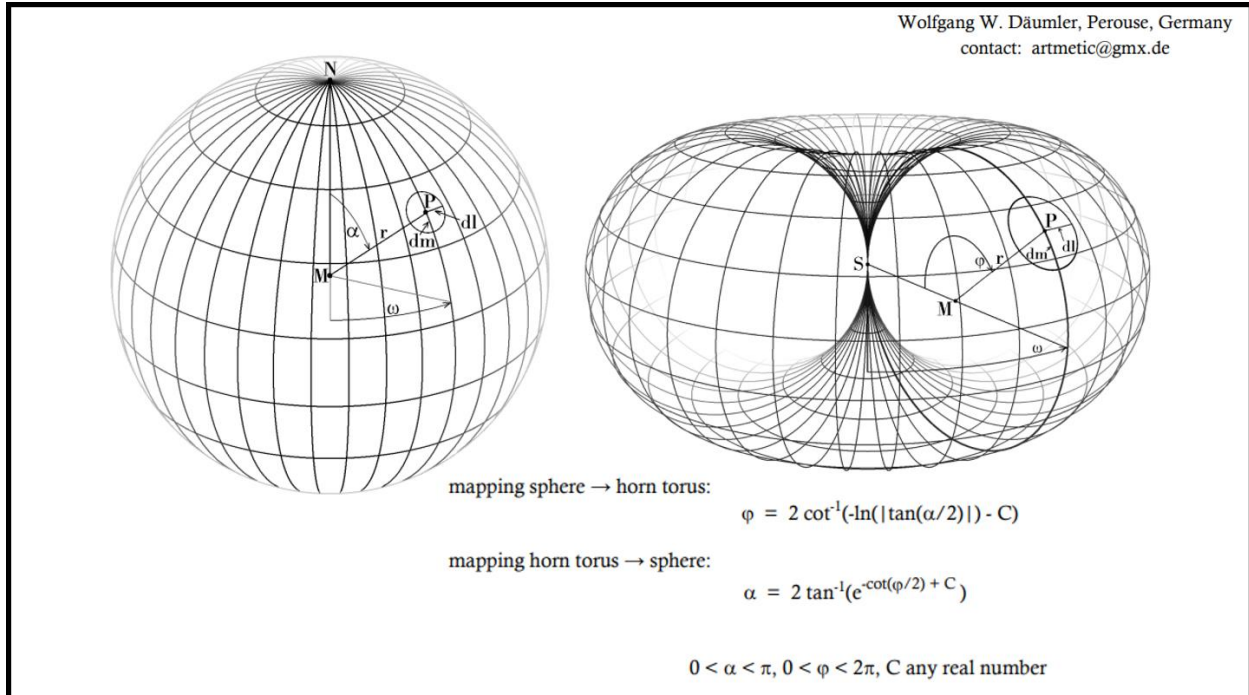


FIG. 25. Relationships - Sphere -> Horn Torus

Given the entirety of the aforementioned arguments, the hypercube tessellation of related nonspecific points (nodes) defines an energy distribution network of infinite scale. Each hypercube contains an infinite number of sub hypercubes. At any scale, at any instant, the driving elements of the TD - the waveform bundles - excite the vertical edges of the Transcendental Pyramid to vibrate thus inducing an energy gradient in the fractal hypercube lattice.

Because of this relationship, the mesostratum by means of the rotating Transcendental Pyramid (TD) updates the hypercubes of the physiostratum with the changing information (energy) content of the superstratum. **The superstratum by definition is a continuum.** It experiences no time as there is no discrete reference in its domain. Current notions of time and space are manifest by the actions of the mesostratum TD as it updates the physiostratum – “space-time” as it is understood presently.

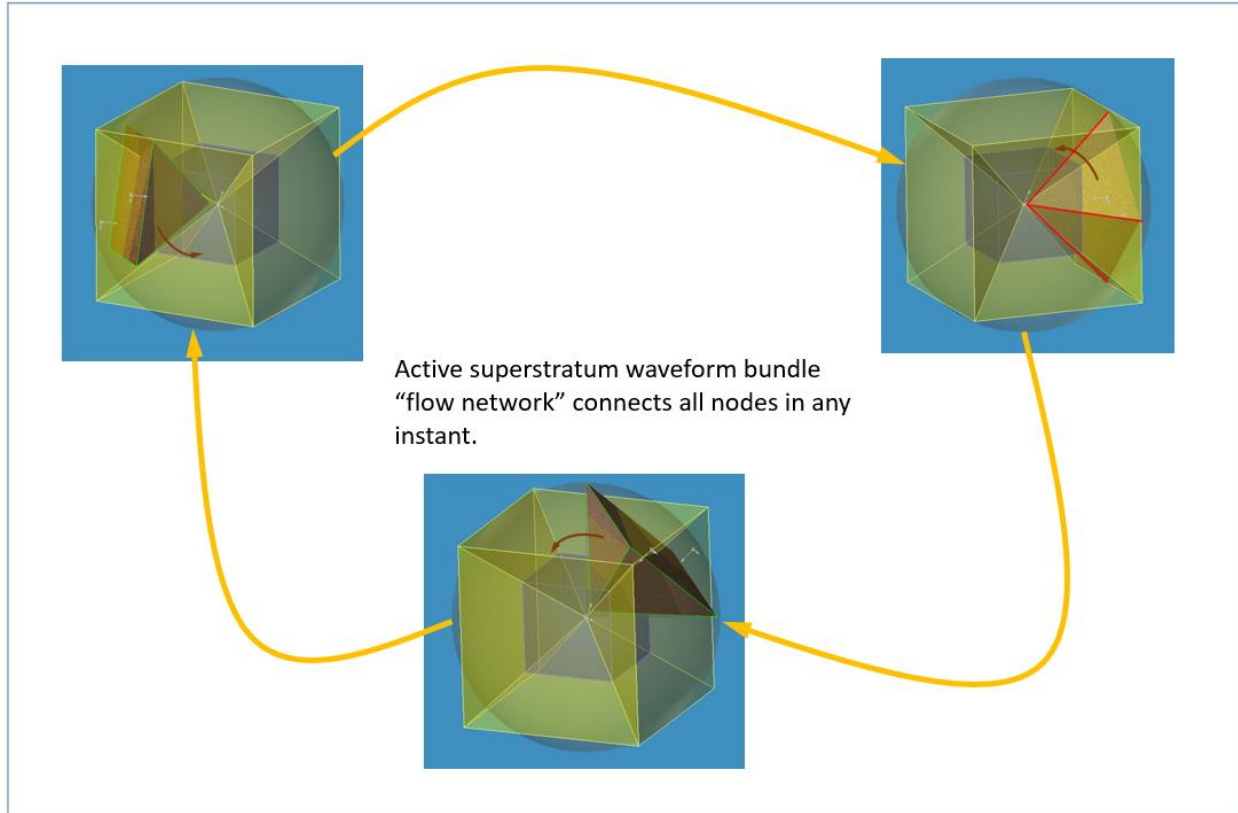


FIG. 26. The Continuity of the Superstratum

As the mesostratum (TD) seeds the physiostratum with the information contained in the waveform bundles, the lines defining the hypercubes can be argued to be in a constant state of update of vibratory energy in their zone of uncertainty as TD lines periodically become coincident with the geometry that defines the hypercube.

Superstratum waveform beats could result that define in the physiostratum unique forms or patterns of “geometric energy.” These hypercube based patterns or forms in the hypercube physiostratum might correspond to material particles and forces (strong, weak, electromagnetic, and gravity).

For instance, as an example, there are four, nonsymmetrical combinations of the six right pyramids (*pyrons*) that comprise a hypercube, and they could be used to **model or project fundamental forces**:

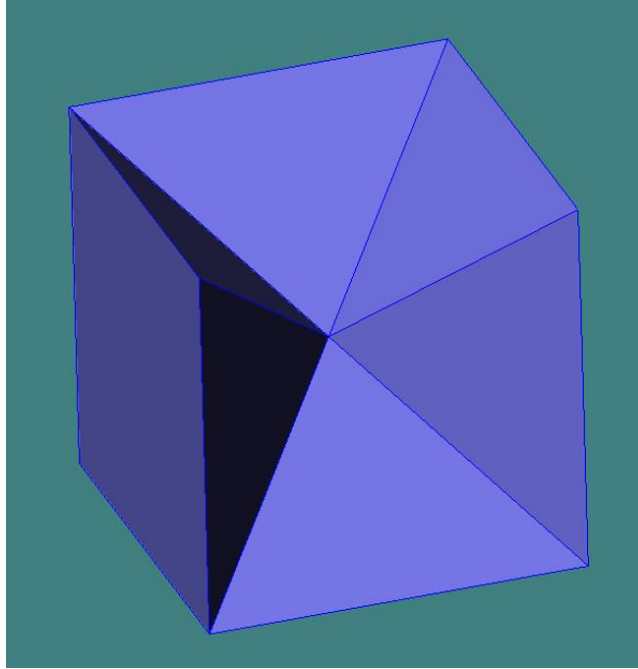


FIG. 27. Nonsymmetrical Combination 1 of Hypercube: *4 Pyron Geometry*

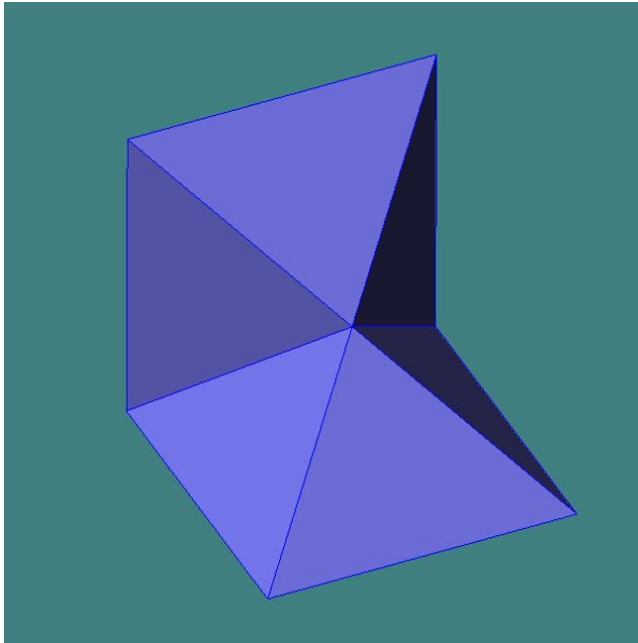


FIG. 28. Nonsymmetrical Combination 2 of Hypercube: *2 Pyron Geometry*

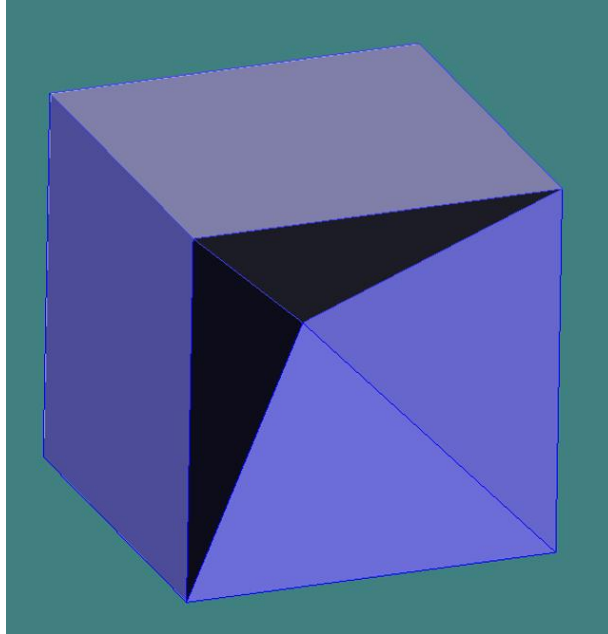


FIG. 29. Nonsymmetrical Combination 3 of Hypercube: 4 *Pyron Geometry (Opposing Pyron in Missing)*

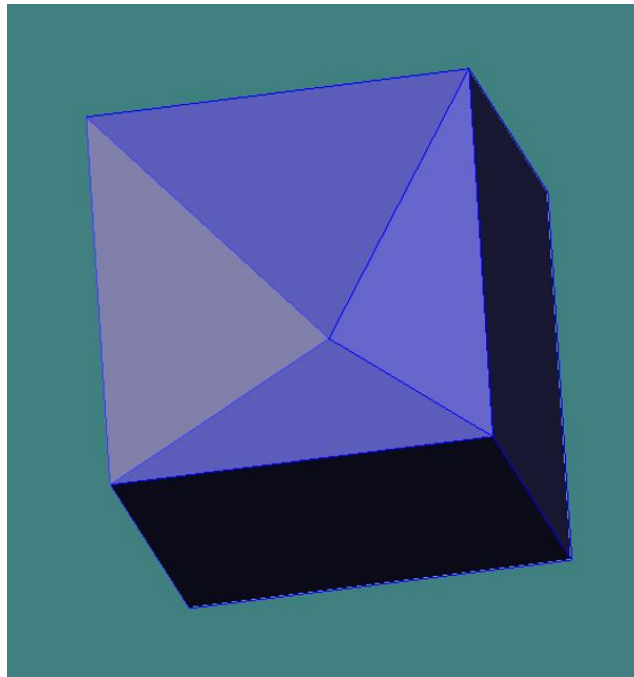


FIG. 30. Nonsymmetrical Combination 4 of Hypercube: 5 *Pyron Geometry (Opposing Pyron in Place)*

Other groupings of pyrons could be associated or linked to particles. These symmetrical combinations (symmetrical in the sense that the form(s) that result from the breaking of the symmetry of the original hypercube creates two or more identical forms) are obvious:

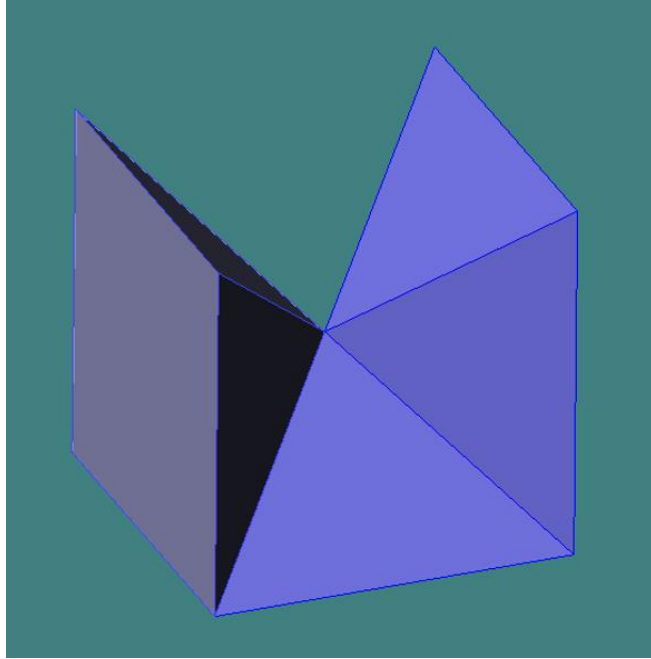


FIG. 31. Symmetrical Combination 1 of Hypercube: *3 Pyron Geometry*

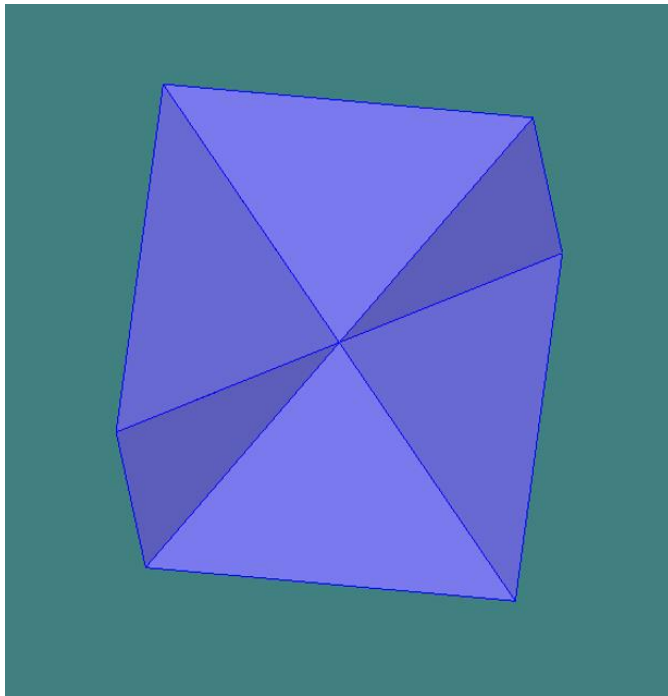


FIG. 32. Symmetrical Combination 2 of Hypercube: *3 Pyron Geometry*

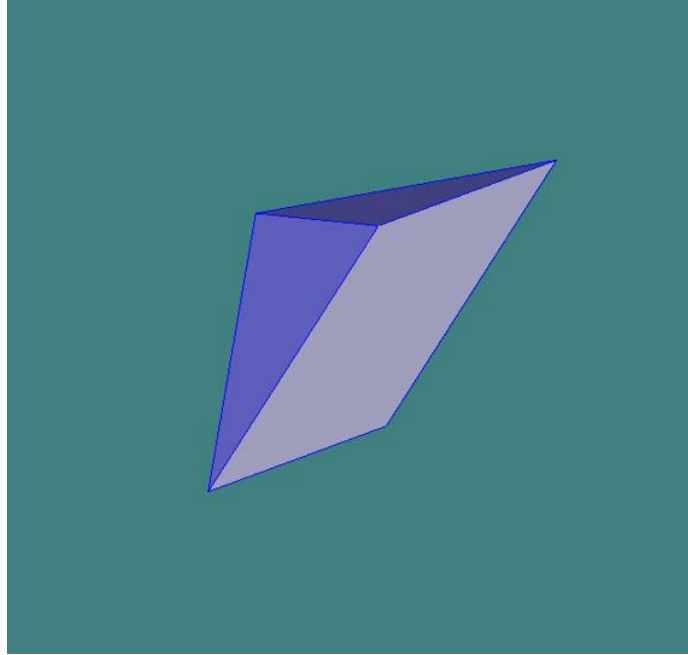


FIG. 33. Any single Pyron of Hypercube: 1 Pyron Geometry

At this juncture, the information contained in the superstratum has been shown to manifest actively in the physiostratum through the action of the Transcendental Pyramid in the mesostratum. *By means of Nonspecific Geometry, oscillating analog waves transform their information content into vibrating hypercube combinations of form. **With this dynamic, the superstratum is proposed to be the greater mind of Idealism which parses itself into the elements (forces and particles) that form its alters.***

Projected, Nonspecific Geometry can be thought of as a type of “Ruliad” in Stephen Wolfram’s terminology:

“In many ways, the ruliad is a strange and profoundly abstract thing. But it’s something very universal—a kind of ultimate limit of all abstraction and generalization. And it encapsulates not only all formal possibilities but also everything about our physical universe—and everything we experience can be thought of as sampling that part of the ruliad that corresponds to our particular way of perceiving and interpreting the universe.” [Excerpt from *The Concept of the Ruliad*—Stephen Wolfram Writings, 2021]

Examples of disparate ideas or observations coalescing around hypercube projected geometry:

- 1) Nima Arkani-Hamed and Jaroslav Trnka’s Amplituhedron has a familiar geometric projection. The Amplituhedron represents or encapsulates hadron particle scattering:

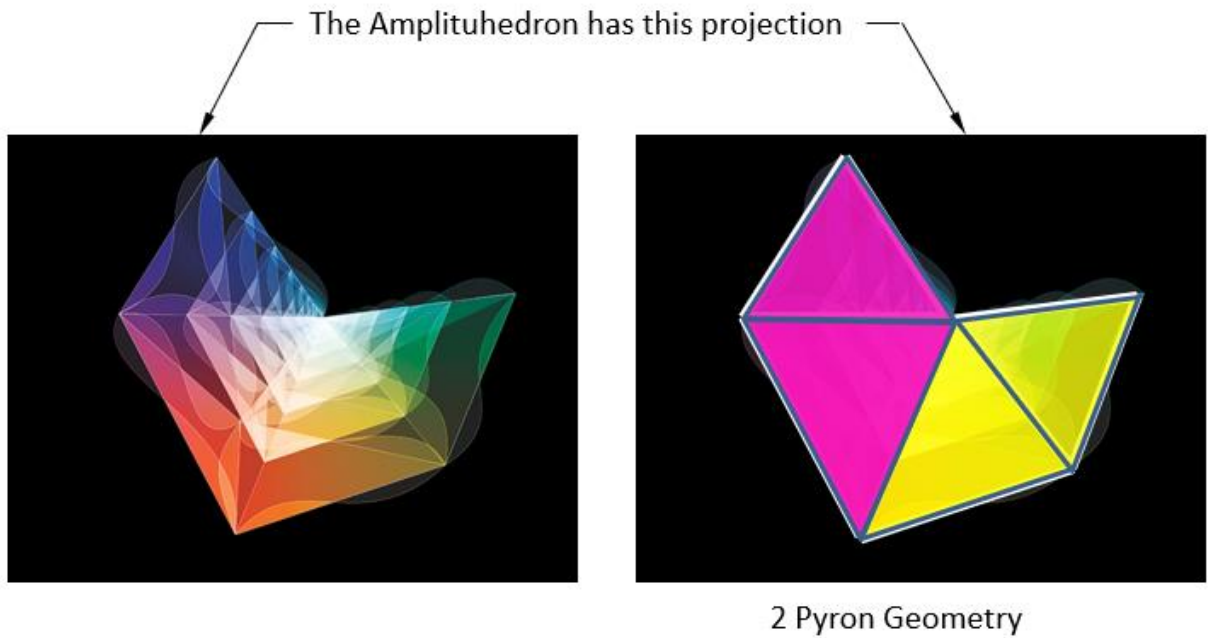


FIG. 34. Amplituhedron and Hypercube

2) Donald Hoffman and Chetan Prakash's mapping of three adjacent conscious agents:

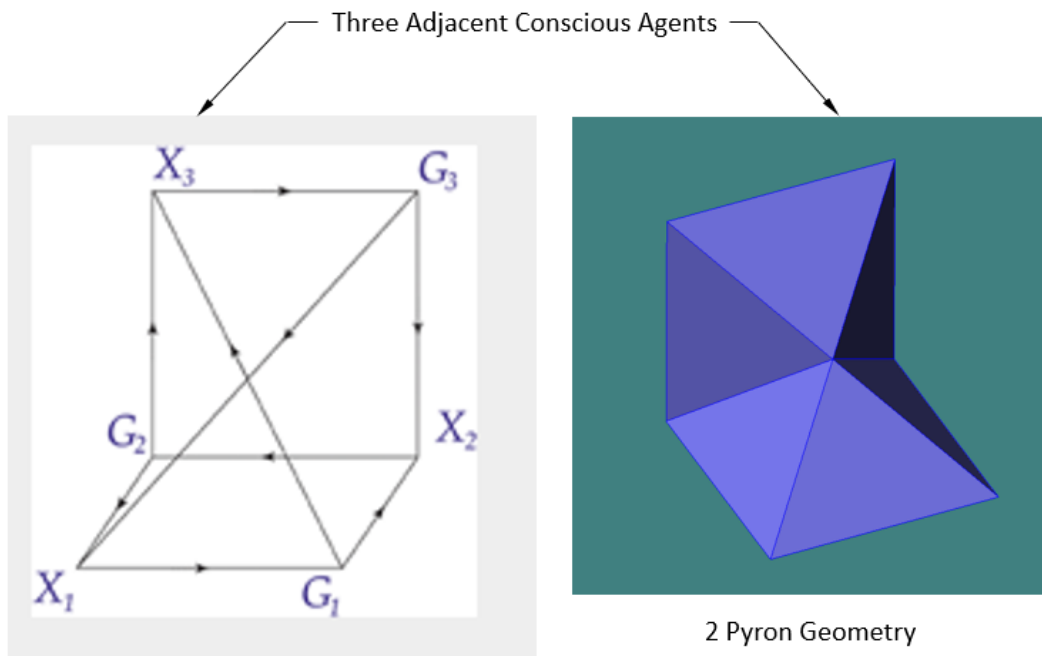


FIG. 35. Conscious Agent Mapping and Hypercube

- 3) E. Battaner and E. Florido's large-scale structure of the universe has been observed to be characterized by long filaments, forming polyhedrons – The Egg Carton Universe:

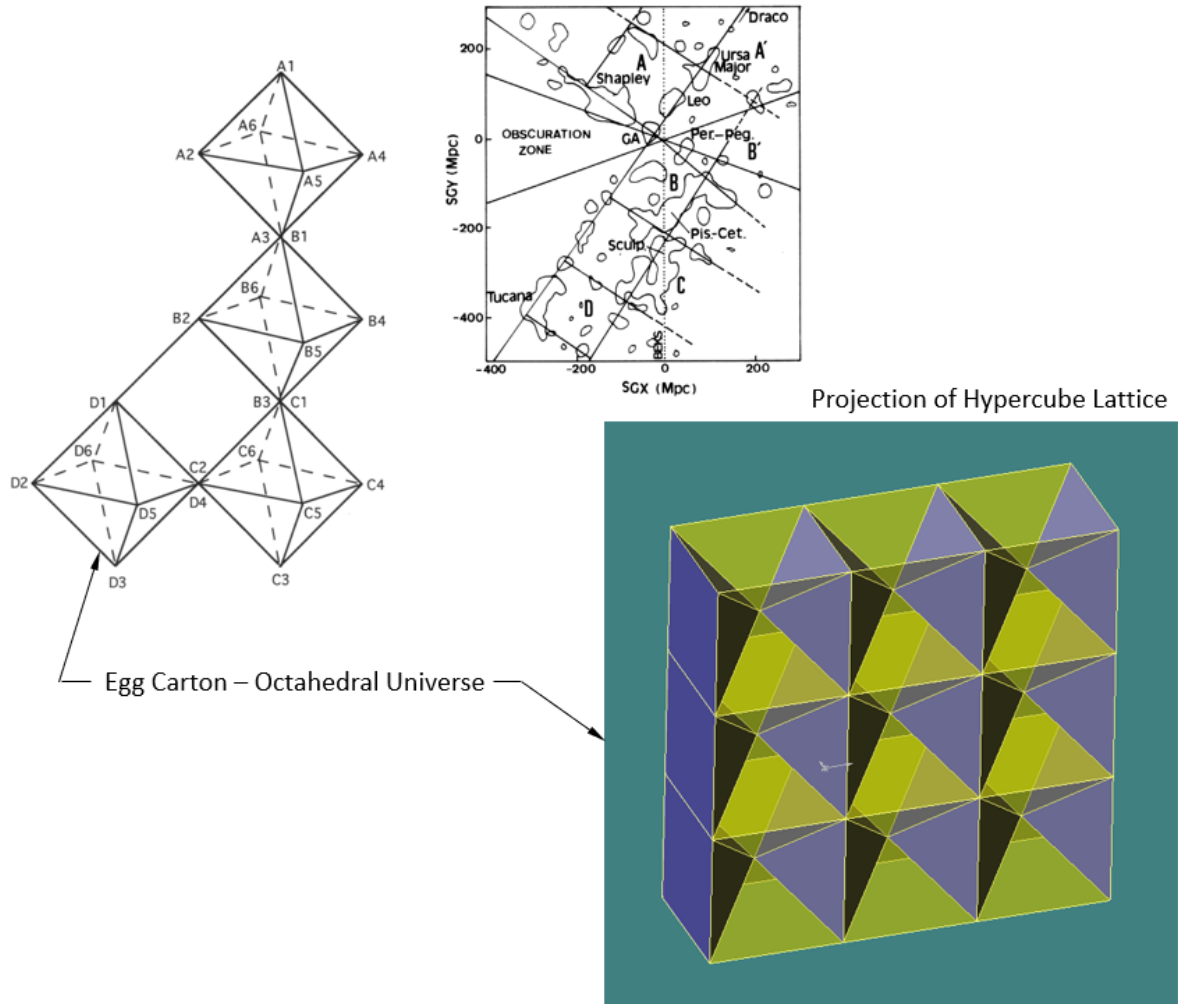


FIG. 36. Large Scale Space Structure and Hypercube

- 4) Jeongwan Haah, Sagar Vijay, and Liang Fu's "weirdest" matter, made of partial particles, defies description - Theorists are in a frenzy over "fractons," bizarre, but potentially useful, hypothetical particles that can only move in combination with one another:

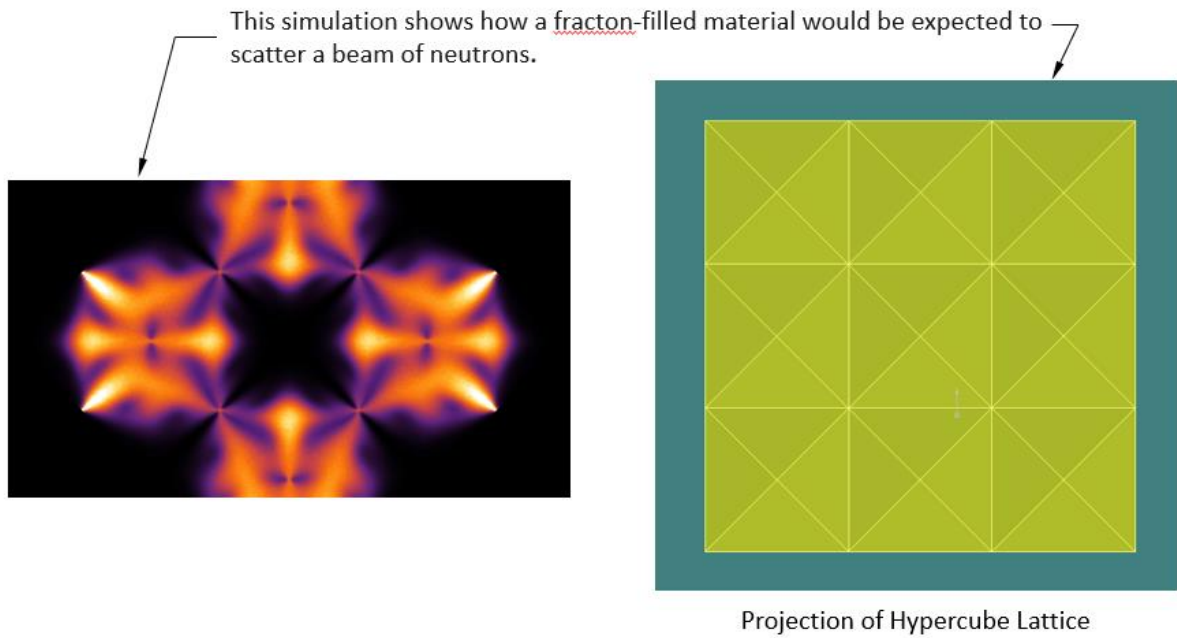


FIG. 37. Fractons and Hypercube

- 5) Bernardo Kastrup uses cellular automaton “twelve neighborhood pattern of centering” to program a “symbolic Big Bang” from a universal source:

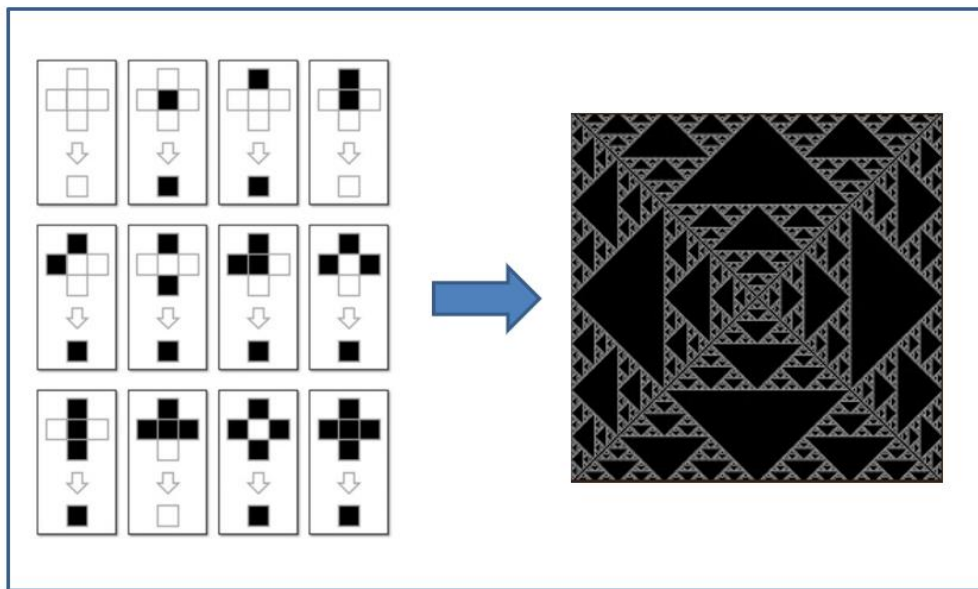


FIG. 38. Automaton Based Program Yields Hypercube Structure.

Experimentation and Supporting Observations:

As shown in reference 2, p. 11, hypercube geometry can be seen in nebula MWC 922

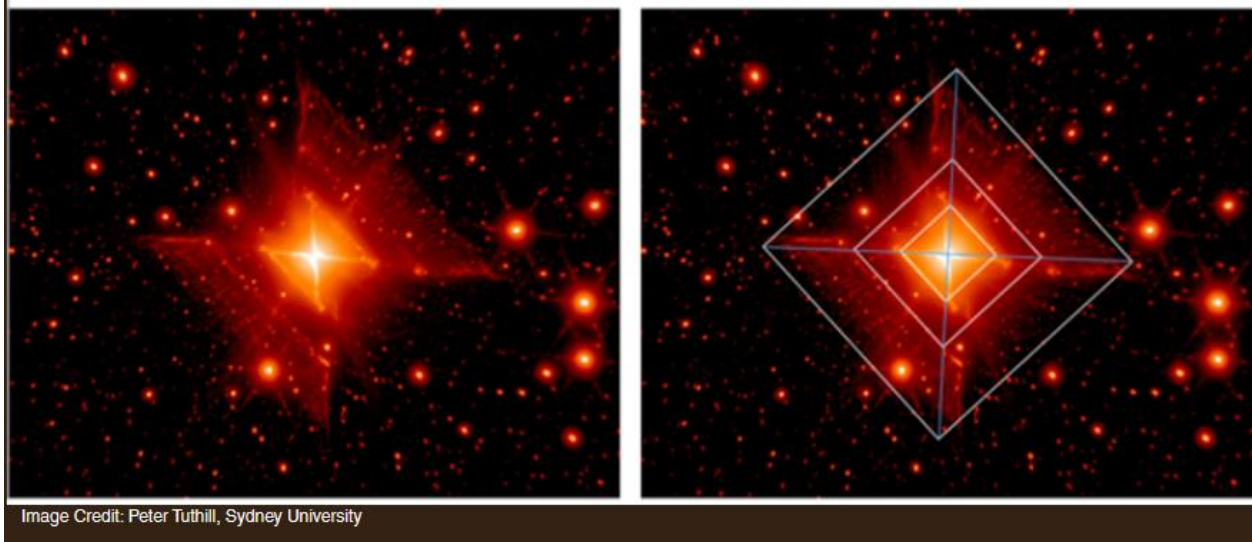


FIG. 38. MWC922 Yields Hypercube Structure

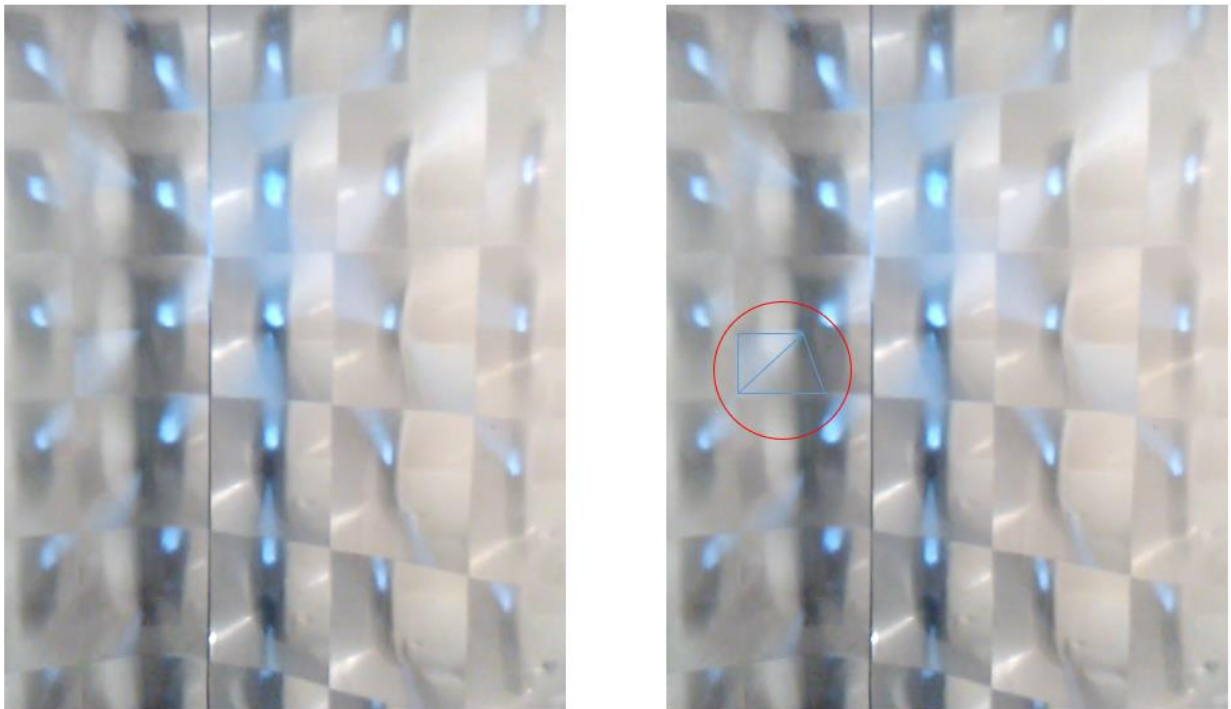


FIG. 39. Hypercube hologram produces possible Transcendental Pyramid.

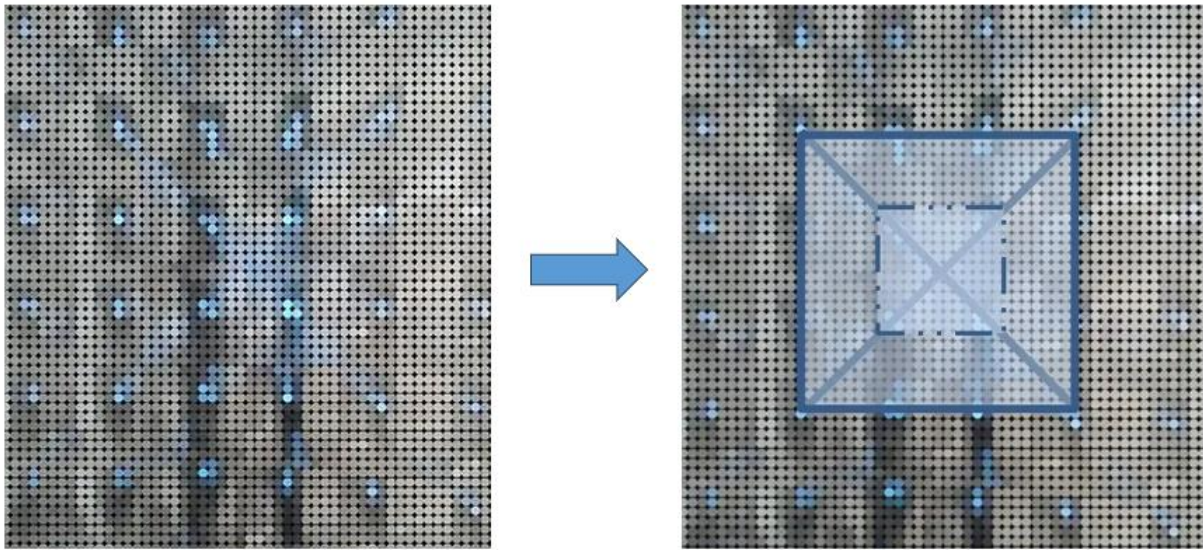


FIG. 40. Hypercube Hologram light when passed through diffraction grating shows fractal hypercube scaling.

Appendix 1

Perennial Philosophy

The greatest questions that human beings ponder are variations of two fundamental lines of thought:

What am I?
Why am I here?

Unfolding the answers to these questions is indeed an individual's unique path. Most everyone, by means of the nature of their personal journey, formulates and attempts to define and create personally satisfying solutions to these questions as they mature. Through the ages, one consistent approach central to this process of self-introspection has been put under the umbrella of what has become to be known as Perennial Philosophy.

In Perennial Philosophy, contrasts of all types are to be experienced, and an elusive "middle ground" outlook or perspective is to be determined by each observer or individual. Contrasts can be simply expressed as "two poles" of awareness. These poles define the boundaries of an in-between state or mix of possibilities particular to the lens of perception each individual employs.

When the sum of all in-between states of observation/experience attains a certain "flavor or equilibrium," a realizing person is elevated to a level of consciousness that implicitly derives answers to these fundamental questions as a normal condition of being. In other words, classical enlightenment must be experienced - not intellectualized. Intellectual pursuits can and do help to bring about this state of consciousness, but they are merely tools not necessary for accomplishment.

Metaphors are required in describing such a paradigm because this rarefied state of awareness is fundamentally derived and only has meaning relative to an individual's life. Seeking and finding a figurative center of experience that sparks this level of conscious living is the goal of a practitioner of Perennial Philosophy. Thus, attaining a balance in life is the usual metaphor used in referencing this systematic approach to accessing greater possibilities in perception or consciousness. Consciousness at its root can be defined as an ultimate ground or base awareness coupled with some degree of free choice.

Common Contrasting Elements

Light <--> Dark
Hot <--> Cold
White <--> Black
Male <--> Female
ETC.

Examples of Subjective Higher Level Contrasting Elements

Sweet <--> Sour

Sharp <--> Dull
Pleasure <--> Pain
Health <--> Sickness
Compassion <--> Loathing
Extroversion <--> Introversion
Generosity <--> Thriftiness
Egocentric <--> non-Egocentric
Humor <--> Humorless
Moral <--> Immoral
Good <--> Evil
Objectivity <--> non-Objectivity
Rational <--> Irrational
Skepticism <--> Belief
ETC.

Contrasting Elements of Physical Description

Digital <--> Analog
Non-Continuous <--> Continuous
Particle <--> Wave
Left Brain <--> Right Brain
DNA strand 1 <--> DNA strand 2
ETC.

An ascending spiral staircase symbolizes an evolving effort to find an optimum center.



With consciousness being an ultimate basis of awareness on which the contemplation of opposites is considered, then all perceptions are rooted in consciousness by this logic. Consciousness is what is experiencing and/or generating all of these contrasts at any level of organization. Consciousness is the human experiential realm. Consciousness (awareness and coupled choice making) is the metaphorical soil that the tree of life in all of its manifestations grows. With no soil, no tree is possible.

Given the aforementioned, somewhat nebulous, definitions in metaphor, how can one “unpack” consciousness in a more descriptive, perhaps more general manner in terms of application and

understanding? Consider that the organization of contrasts is most economically done in a compounding process or construction of “threes”:

Perennial Philosophy requires two poles that generate a spectrum of “middle values.”

The two dimensions of length and width are required to generate height.

A point and a line are required to make a plane.

Mathematical logic is based on equivalence statements and non-equivalence statements.

The atom is composed of three basic entities, the proton, the neutron, and the electron. All matter particles are organized in three families by means of mass, spin, and charge...

The primary forces in physics are currently thought to be the strong force, the electroweak (electromagnetic + weak) force, and the gravitational force.

Light has both a wave and particle description.

Quantum Mechanics and General Relativity form the core of current physical description.

In color logic or theory, two base colors create a third unique color. The color spectrum is organized by primary, secondary, and tertiary color wheels...

Two different DNA strands when combined create a new sequence or code.

A left hemisphere and a right hemisphere compose the cerebrum of the human brain.

Male and female generate offspring.

ETC.

It appears that consciousness, the mind of the universe, the source, the prime mover, the “force” naturally expresses itself in a Tertiary Construction or Process of Three where two elements produce a third condition or outcome in description... Alex Vary encapsulates a tertiary construction of awareness with the definition of the mind loop:

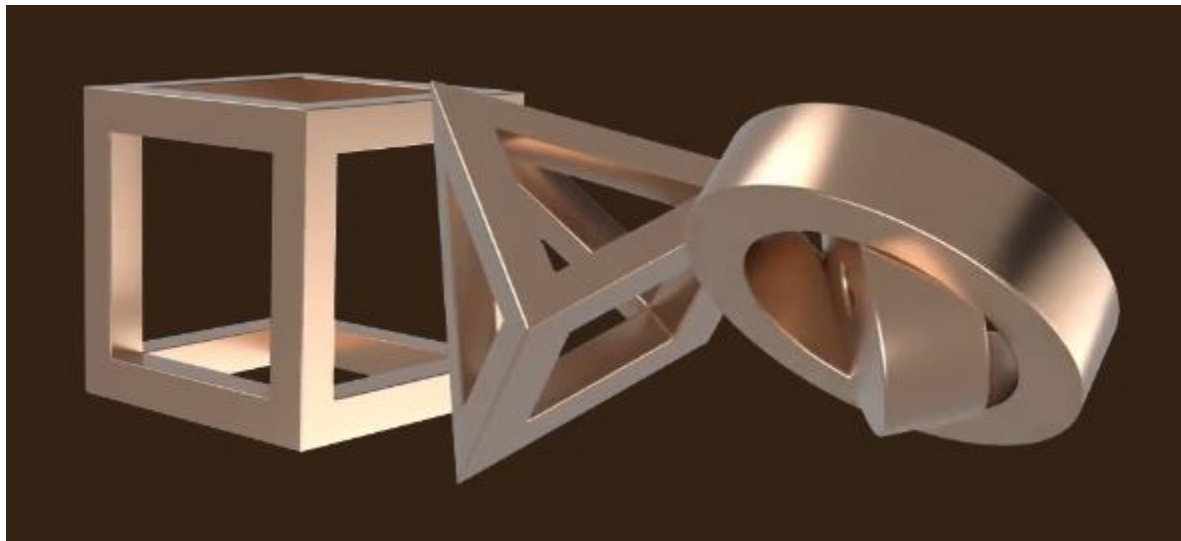
"... the mind loop is depicted as spanning three strata: (1) the superstratum (the transcendent domain of pure thought), (2) the mesostratum (the mediating domain of information, signals, energetic fields), and (3) the physiostratum (the domain of temporal-objective material reality—the cosmos and its many worlds). Indeed, the mind loop is envisioned as extending from the ... superstratum to the material physiostratum world via signals through the mesostratum." [excerpt from page 41 of *We Are God - Incarnate*]

In a visual image most likely expressing the same basic idea and construction, Japanese monk Sengai Gibon (1750–1837) painted the picture below. “He was of the Rinzai School, one of the three main schools of Zen Buddhism in Japan. Known for his controversial teachings and writings, Sengai tried to make the difficult lessons of the Rinzai sect accessible to the public... Sengai’s work represents Zen

Buddhist wisdom, with motifs completed by calligraphic inscriptions—his most famous work, often called *The Universe*, shows only a circle, square, and triangle.” [excerpt from *Zen Master Sengai* by Katharina Epprecht]



The painting has long puzzled people. The ink tones vary from grey to black, and the three shapes overlap as if to suggest interconnection between them. D.T. Suzuki, who introduced Zen to the West, interpreted Sengai’s painting to represent formlessness and infinity, in accord with his view of emptiness as the essence of enlightenment. [excerpt from webpage <https://www.greenshinto.com>]



Note: All images, unless otherwise specified, are open sourced from the Internet.

The Turning Point takes all of the above observations (viewpoints /perspectives) as valid with "formlessness" equated to pure, unlimited potential and incorporates them into a model of the universe encapsulated at Giza via the window of Nonspecific Geometry:

1. The square (hypercube) represents the physiostratum (the digital material "reality" of everyday experience).
2. The triangle (the spinning pyramid) represents the mesostratum (the mediating /balancing domain of information transfer).
3. The circle (sphere) represents the superstratum (the analog, transcendent ground of thought /experience symbolized /coded by two related circles of differing /contrasting diameters).

In The Turning Point's analysis, the physiostratum can be visualized as a projection of the superstratum (consciousness) by virtue of the action of the mesostratum - *the spinning pyramid* (the mediating /balancing domain).