

WAVEGUIDE PROPULSION SYSTEM DESIGN AND OPERATION

Heat and Radiation are being generated on the inside of the waveguides, along with distortion effects between 120 divisions of the 1200 pole-flipping phase oscillator sections, while each of these effects are being dealt with in a manner which describes the complete "white noising out" of physiological effects induced by the scalar fields.

There are regions within the cube that can become occupied by the inhabitants that would lie only in the utmost periphery of interaction between the scalar wave activity and both the physiological and consciousness state of members, and groups of members, for the entire 12 Tribe assembly, each within a single sector of pole-flipping oscillator section of the dome structure.

It's just time and place that was, and still is, a continuing paradigm, with its unusual ability to arrive at its own personal, perspective location with supernatural ability. In an ever-decompressing phonon resonance throughout the waveguide, one would have to be simultaneously departing

one location while hypertranslating towards another location, and doing this between every single arrival and departure site, in the context of being continually captured by an "imaginary" (or potentially real) observer, does so for all time in a single event - the perceptible event that becomes stamped into the potential memory of every potential observer, accomplishes the circum-spectual, imaginary perception of time, and as "potentially" witnessed by those who are also not present, but who are also within the hypertranslating field, are to be used as external observationists, and via an "Anthropic Principle of a different kind", are to become wrapped into a feeling within any one of the practicing Tribe's previous or similar states of consciousness.

In other words, unless one's memory becomes programmed to recall a certain event, it will become erased with a superluminal translation through hyperspace.

It is as if the graininess of space is more like large clumps of grains, when entanglement is able to capture over 100,000 atoms, using photosynthetic efficiency, of the communication channels between blood cells, no matter which tribe the blood cell originates. The noise in every one of the channels attempting to communicate to the source, from the blood cell/plasma interface, cause the entire neurological signaling system to be out-of-synch with the Schumann wavelength, and all Rife Frequencies of normal human health become disrupted as a result.

This process can continue for over 100 microseconds, at a time during cell metabolism/utilization of the magnetosomic light bodies[1], which arrive directly as a result of orgone synthesis, in the human blood plasma environment, and for manufacturing the interface between these two environments (cell wall/blood plasma), representing an entanglement in DNA for 1/4 of the 12 Tribes (= 3 Tribes), for all IN -> metabolism -> OUT processes of the 100 microsecond spacelike "hole" periods of entanglement, for all 12 Tribes.

A "Three Tribes" spiral rotation around the perimeter of the Sierpinski-nested dome, follows the order of rotation using the following sets of Tribes as follows:

A. Priesthood - Attendants to Schumann, Rife Applications

- 1] Joseph (IN)
- 2] Levi (Metabolism)
- 3] Dan (OUT)

B. Kingdom's Military Might - Defense and Protection

- 4] Benjamin (IN)
- 5] Judah (Metabolism)
- 6] Gad (OUT)

C. Prophetic Rebirth - Coordinate Stellar & System Mapping

- 7] Reuben (IN)

8) Zebulun (Metabolism)

9] Asher (OUT)

D. Exile Into Babylon - Categorization of Fauna & Species

10] Simeon (IN)

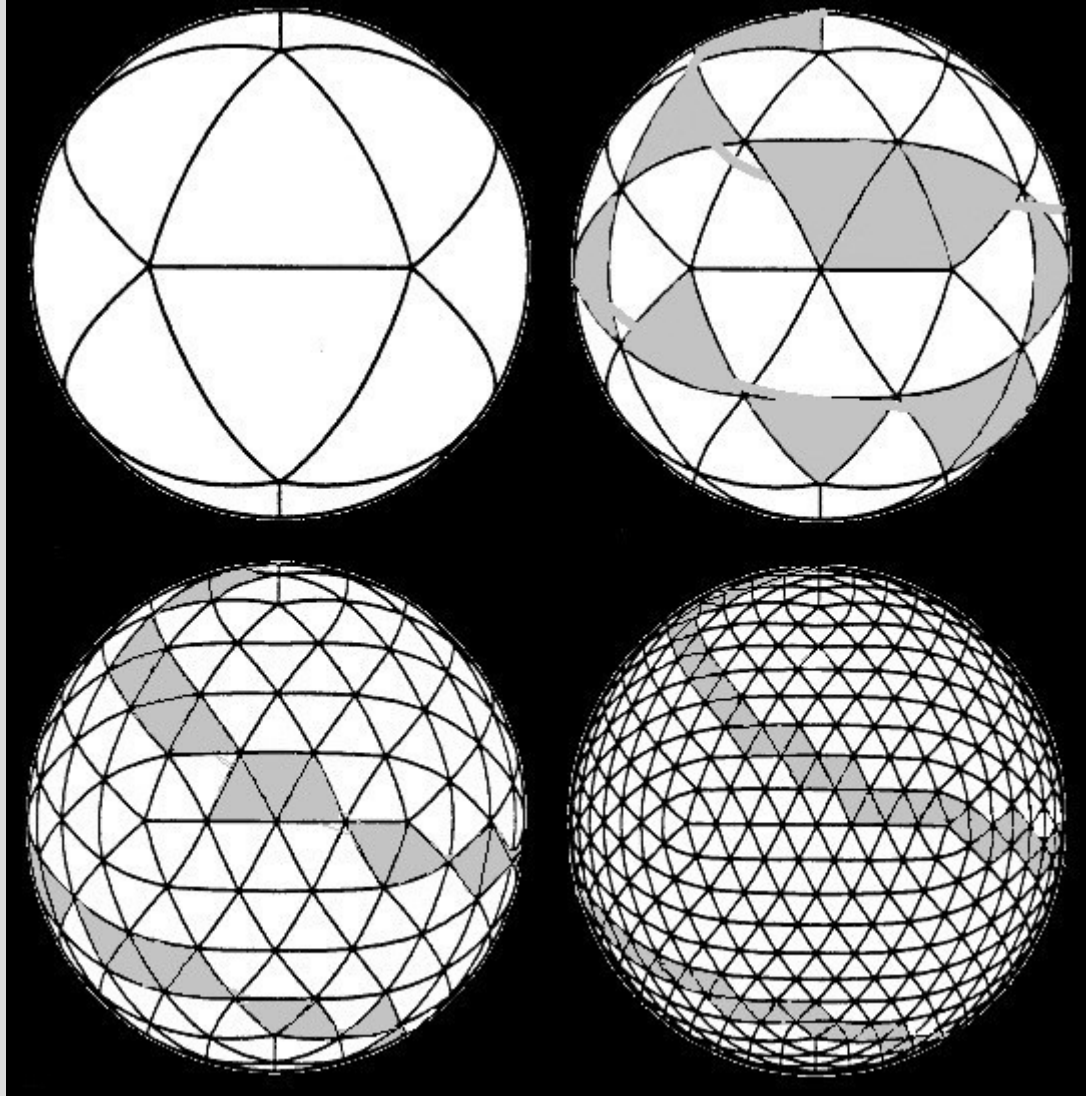
11] Issachar (Metabolism)

12] Naphtali (OUT)

Each of the IN -> Metabolism -> OUT processes for the three tribes in question requires a single phase in time, in order to complete the cycle of 4: Birth, Growth, Maturity, and Death (representing Priesthood, Kingdom, Prophets, and Exile in the earthly phase). The Time phase for this entire "memorial earth phase process" represents the recompression holomorphic[2] settling time, used in control systems theory, given also in the article "An Independent, Manifold Basis for the Fractal Aether" :

<http://groups.google.com/group/sci.space.policy/msg/53e80cb92f01852c>

and calculated from the diagram:



Why only use the cardioid spiral? The cardioid completely describes an aether field, involving 2 complete rotations, or 720 degrees total, which is 1/2 real, and 1/2 hyperspacial. Hyperspace can be used for any velocity greater than c , but also involves using spirally wound cardioid "cells", which happen to resonate with human DNA strands, causing ion emission, yet the resonance becomes fully dampened and counter-balanced with a white noise component. These "cells" represent the 3-D spirals pictured above, but with a much finer resolution (down to about 9, 25 yard subtile gaskets for each 75-yard tile, from top to base for each tile), totaling 144,000 tiles of 47,049.24680 groupings of 75-yard length, triangular shaped craft, into even larger length V-craft superstructures, that are also designed to represent each specific cell within the spiral path, and are designed to fit in the framework between the mile-wide waveguide channels, and within the geodesic of the Dome Structure, inside the cube of the New Jerusalem, e.g.



Calculations involving the placement of the 144 Tribes, according to the sector dynamic:

103,211 75-yard length V craft around in a circle

16426 75-yard length V craft = radius

$2(\pi)R / 4 =$ arc length projection from radius

$2(3.14159)(16426.7) / 4 = 103211.703$ 75-yard length V-craft

Area of dome = $4(\pi)R^2 = 4(3.14159)(16426*75)^2 =$

19,071,974,656,503.9 sq yd., with the "projected" area of each

75-yard V-craft = 2812.5 sq yd., so that

$19,071,974,656,503.9 / 2812.5 = 6,781,146,544.534$ total,

75-yard V-craft projected area calculated. (This area requires subtraction of the projected area taken up by the sq. mile-wide

waveguide channels). This area (for both vert. & horiz. axes)
 $= 2(2(\pi)(r))(h) = 2(103,211(5280/3(75))) = 4,844,036.27$ total
75-yard V-craft projected area to be subtracted:

$6,781,146,544.534 - 4,844,036.27 = 6,776,302,508.27$, 75 yard length, V-shaped craft.

In addition to the vert. & horiz. waveguide axes, there are 4(4) diagonal waveguides per cube, each representing

$[2(\pi)(1231950 \text{ yd radius})/4][5280/3]$, or $(\pi)(1231950)/2][1760]$
 $= 3405847984.44$ sq yds., equaling 1,210,968.172 75-yard
length V-craft, which are also subtracted from the total:

$6,776,302,508.27 - 1,210,968.172 = 6,775,091,540.09$

75-yard length V-craft total, which includes subtracting out the projected area for all waveguides onto the dome area. The white noise component is

able to project the entire tribe's consciousness onto the field space, causing a 1:1 continuous bosonic transfer to <-> from the field space, and allowing the decompressing field space or temporal dilation generated by the cycled waveguide to torque or direct the resonate effect into either a prescribed celestial location or within some future time period, e.g. Pulse Probe Sequencing Characteristics [Reference Note].

In order to understand the magnitude of this perspective, one has to imagine that is human DNA itself that becomes the coupler of charge transfer that forms the carrier of information to and from other locations on the same DNA strand. The DNA within the blood cell represents how the blood cell regulates its metabolism in relation to the environment in which it resides:

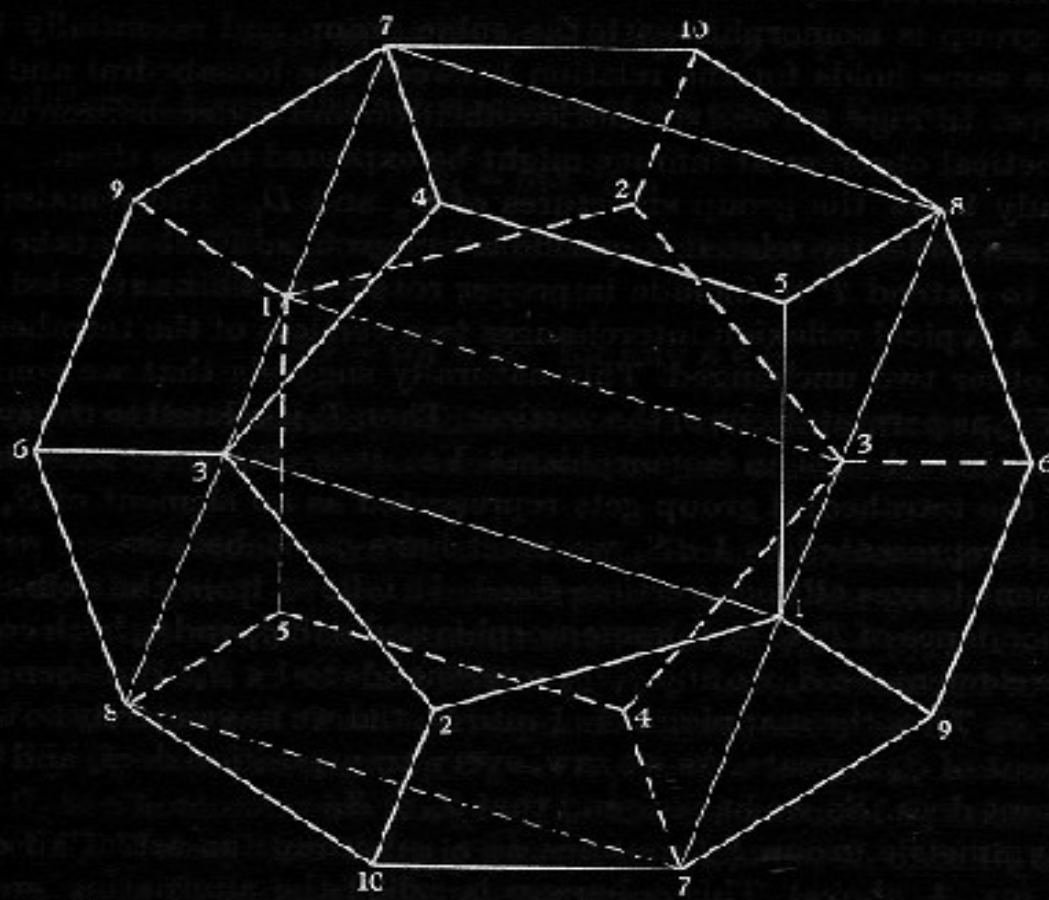
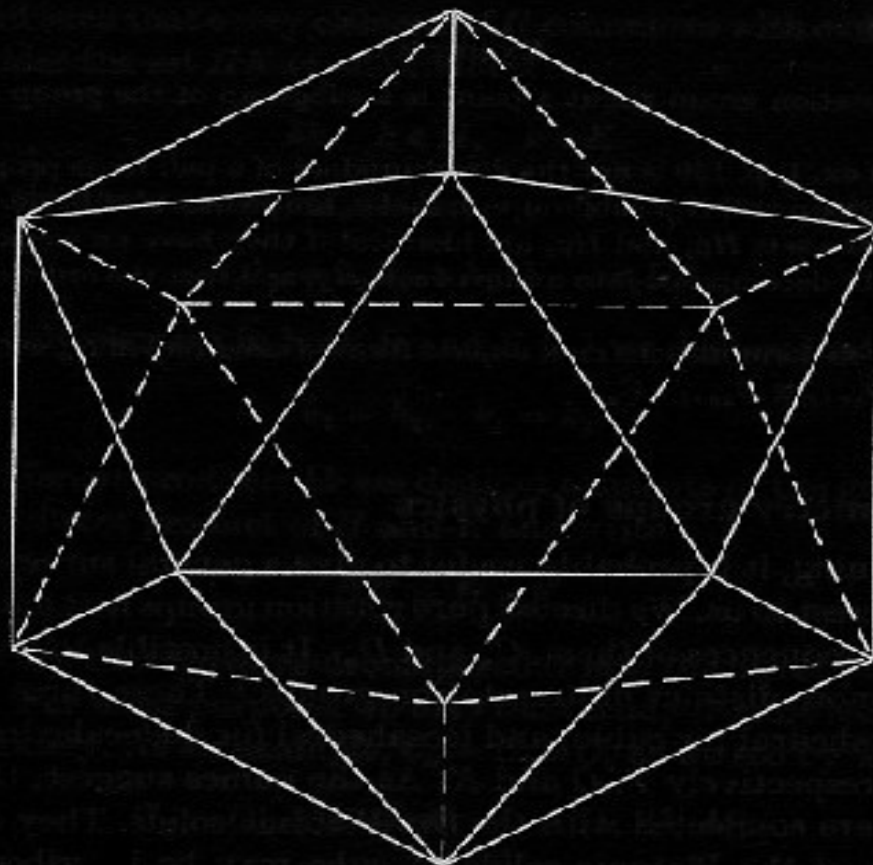
"A single human blood cell represents ~22 metabolic pathways, each involving ~500 metabolic reactions that convert proteins into energy for use in cellular metabolism. This represents the internal dynamics of each cell. In addition to the internal dynamics, the ultimate "code" that effects the arrangement of pathways, as well as reaction types in the human DNA itself can be artificially modeled through the use of quaternic assemblies, on the walls of the waveguide channel.

Remember that it is not just a side effect but a supernatural phenomenon, that human DNA is the propogator of overall growth and self organization that, based upon the programming instructions blood cells receive from DNA, generates processes that can be shielded and/or replaced thru a quaternic assembly - a quaternic assembly that mimics the same growth and self-organization within the quaternic crystal envisioned by Ezekiel, and representing a set of space wave functions for the free ion as

$$\begin{aligned}y_5 &= R(r) Y_{21}, \\y_4 &= R(r) Y_{20}, \\y_3 &= R(r) Y_{11}, \\y_2 &= R(r) Y_{10}, \\y_1 &= R(r) Y_{00},\end{aligned}$$

where $R(r)$ is a function that depends on the Hamiltonian of the ion, and Y_{21} , Y_{20} , Y_{11} , Y_{10} , and Y_{00} are spherical harmonics for the polar angles θ and ϕ . These polar angles are used in the relationship of momentum representation in spherical harmonic equations.

The diagonals drawn for each of the five cubes are indicated as follows, and can be pictured at:



**cube one: 1, 3, 7, 8;
cube two: 2, 4, 8, 9;
cube three: 3, 5, 9, 10;
cube four: 4, 1, 10, 6;
cube five: 5, 2, 6, 7**

A Hamiltonian cycle that covers the bottom and top faces of the great dodecahemicosahedron does so with a 5-fold rotational symmetry axis orientation, while actually templating the inward golden spiral on two energy levels:

<http://groups.google.com/group/alt.astronomy/msg/c31b0c1a01731ae2?hl=en>

Reference Note:

The mechanism of the spiral resolution becomes programmed according to the phase compression/decompression path taken through each of the 120 divisions of the 1200 pole-flipping phase oscillator sections on the surface of the dome.

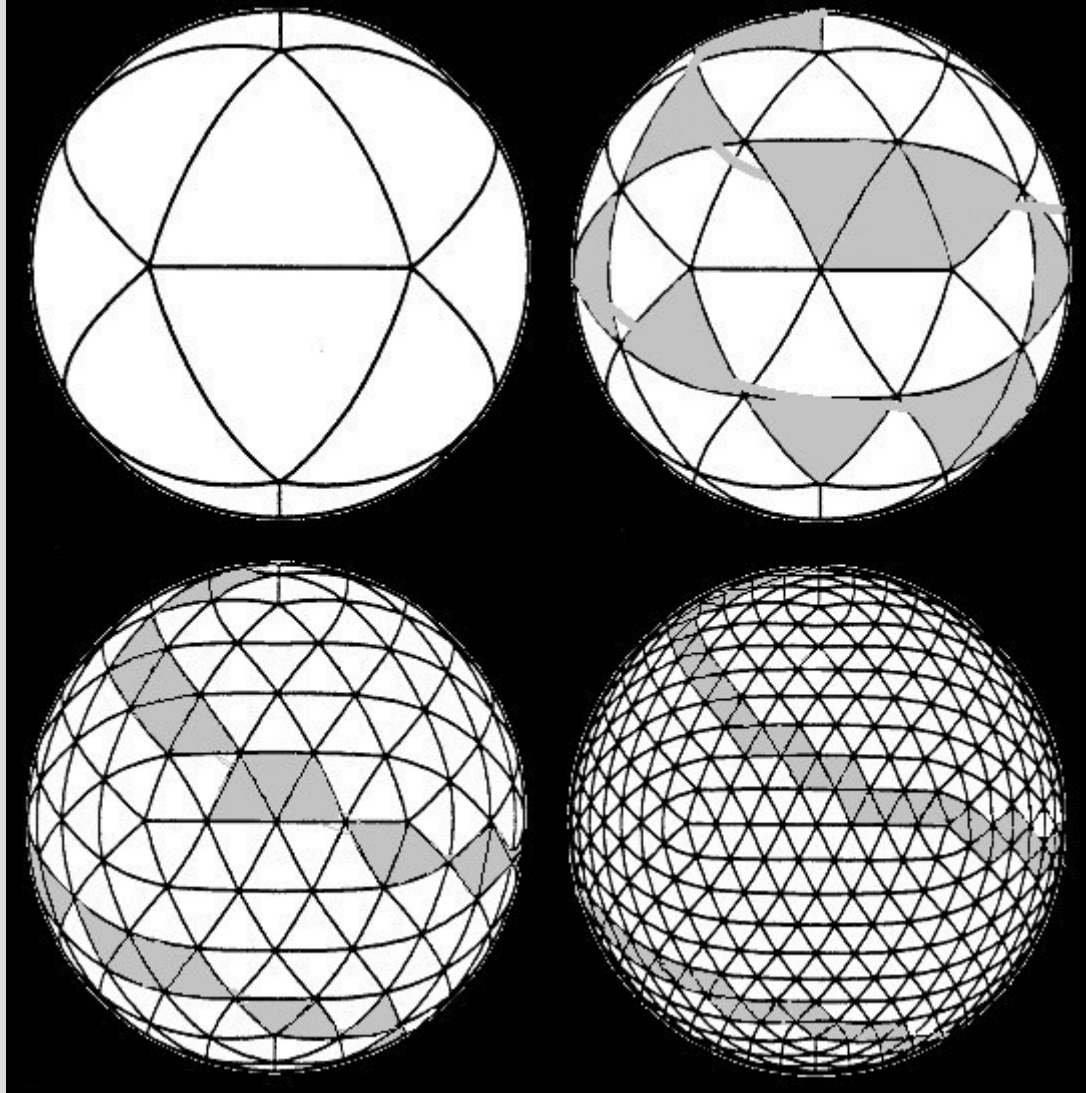
The relaxation time of the Bismuth crystal on the inside of the wall achieves 1,000(-) picosecond pulses per femtosecond, so the velocity limit of the phonon wave packet through the circular waveguide, can achieve a theoretical superluminal limit of 13,512,215c, with a safety factor of 1000 pulses, but an actual limit of :

**[(effective atomic radius for Bi w/o spacetime compression) /
(effective atomic radius for Pb w/o spacetime compression)
x (waveguide circumference in miles)] [10⁹] / (186,000) =
12A/40A (13,512,215)c = 4,053,664.5c,**

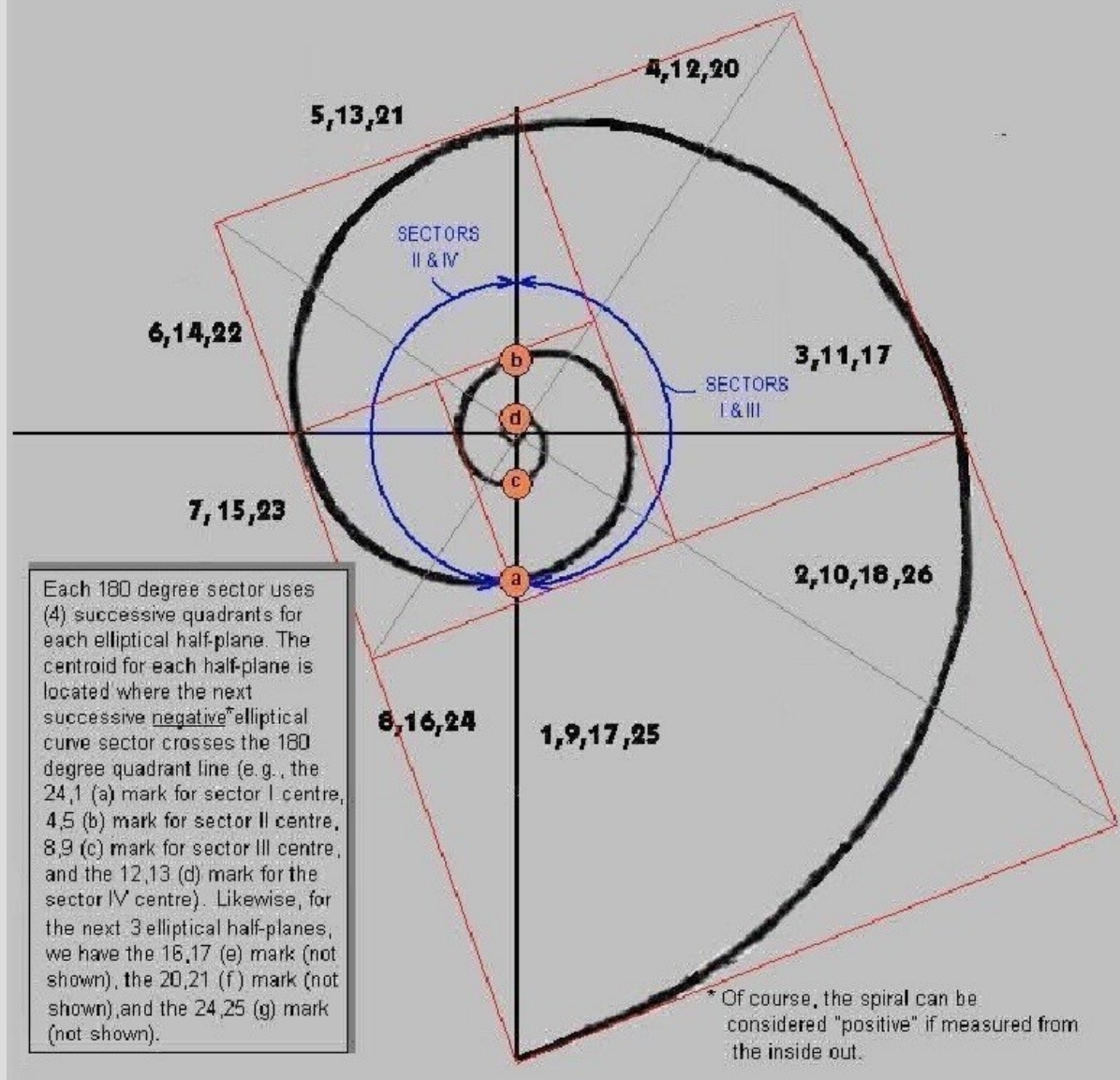
which is due to the bismuth/lead gravitational field shift, within the positronium pulse probed Bi-IV cavity of the waveguide.

10⁹ is a multiplication factor due to the increased gravitational force inside the atom being 10¹² times greater in the nucleus, as opposed to the electron cloud (with a 10³ safety factor added in). This means that time moves much slower in the nucleus of the atom, as compared to the electron cloud. A few nanoseconds per minute in the electron cloud dilates to (10⁻⁹)(10⁹) = 1 second just outside the nucleus!

The ideal shape of a single resonating pole can be simulated by a half-spiral winding per pulse, around either the top or bottom surface of the dome. The scalar wave generating spiral simply repeats the same compressive or decompressive path for the duration of the phase increment. One can imagine how each of the phase oscillating Sierpinski gaskets along the imaginary curve on the face of the dome can be developed into a spiral path, for either a compressive or decompressive resolution:



and then mapped onto the pulse probe sequencing diagram, for a 270 degree, inward or outward rotation:



Notice as mentioned above, sectors 1, 2, and 3 are involved, but only 1/2 of sectors one and three are used, leading up to a 360 degree complete rotation, before the cycle repeats ...continuing with the Hamiltonian cycle:

"The 2 energy levels represent both a compression and decompression holomorphic for each of the ordinate cube->octahedral, octahedral->cube, cube->dodecahedral, dodecahedral->cube, cube->icosahedral, and icosahedral->cube TRANSFIGURATIONS. Thus the cubic, with ordinate axes, reference the ZERO POINT HOLOMORPHIC through the heart muscle enzyme LDH, which has cubic crystallographic structure, and is also found in bee

pollen. The 2-2-2 symmetry means that the crystal structure is 4-square, meaning that the translations for all morphologies referencing the cubic structure have a zero time reference, with the first heartbeat beginning after zero-time. Each of the "O" and "K" groups represent whole morphologies of the 2-2-2 CONDUCTING CRYSTAL.[2a]

The treatment on red and blue shifted sideband entrainment frequencies for the integralled phase modulator and demodulator ("Conscious Entrainment Processes"[3]) ARE the compression and expansion holomorphics that can be represented by their associated zero point energies.

In the golden spiral diagram below, the red and dark grey lines show the symmetry of each part of the spiral, as it rotates into the center of the page. When rotating towards the center, we say that the spiral has "negative" curvature. When the spiral rotates from the point closest to the center of the page outward, we say that the spiral has "positive" curvature. The blue half-circles represent what quadrant the spiral is in, i.e., sectors I thru IV contain three complete rotations of the spiral, making up 26 different "quadrants:

The points A, B, C, and D represent the first four (of five) elliptical mass centroids that would appear for a spiral with this particular resolution. In other words, the outermost part of the spiral that rotates thru the first 180 has a matching counterpart (of the same size and shape) curve that creates a perfect ellipse if it is inverted and rotated 180, and joined end-to-end with the first curve. Each successive number in the Fibonacci sequence corresponds to a smaller and smaller rectangle that seems to orient itself closer and closer towards the center of the page with sharper resolution. Note that we have been speaking about inwardly directed self-organization. Degaussing the resonance using a white gaussian noise filter is inwardly directed.

The order of programming the pulse sequencing for initiating lift and directional movement is outwardly directed self-organization."

(The above is from

<http://groups.google.com/group/alt.astronomy/msg/c31b0c1a01731ae2>)

Since the whole idea of FTL propulsion becomes hinged on the ability to form spirally wound coils of 8 dimensions: 3 of space and 5 of time, the mathematical insight of a higher order places the actual growth and self-organization of the 5 dimensions of time as an open structure, for those tribes that have experienced or are in the process of experiencing the fluctuation of possibility boundaries for both closed and open time structures.

The closed structures represent unconscious events, such as dreams or conscious manipulations (e.g. Schumann wavelengths, standing waves) that are below one's actual threshold of consciousness. The open structures represent non-standing waves, with magnitude and direction in space and

time. In the closed structure, paradoxes are useful for explaining inadequate understanding of an event or situation, but they are never to be regarded as the final solution to a whole universe of truth or discourse.

The reductivist mind prefers to glory in these kinds of insoluble paradoxes, but receives 0 growth, and a single polarizing form of self-organization [+ and - simultaneously].

Such ambiguities between these systems of thought might be represented by the formula $e^{(\pi) i} = -1$. Only the end results are "observed" when evaluating both sides of the equation. In one situation, the end result could become computed by the conically rotating and generating radius, and yet with another situation, the end result being that there is no identity being recognized or observed of two or more processes being equated:

$$a + bi^{-1} = a + bi^3 = a - bi$$

Such would be the case also if there were no additional insight to a theorem of existence being given, in order to validate why, in the above case, all reasoning tends to "arbitrarily" regard the expression $1^3 = 1^2 = 1^1$, without the understanding that a cube is supposed to equal a square, which is supposed to equal a unit line, yet those are the closest approximations of the orientations between charge carriers throughout the most similar species of DNA, which contain the quantum information along a particular DNA strand, having their spin orientations closer to any one of the 3 directions of a "closed" or "open" aetheric cube in time.

One may look at groupings of wholistic consciousness as single, grid points or nexuses of unified consciousness, that serve as anchors for larger, sublimated groups to participate, and therefore resonate together at the frequency of thought waves, within a prime directive. The prime directive maintains that unified consciousness arises not from a reductivist fallacy, but from the ambiguity of the ordinary sign of equality.

Additional Notes:

The characteristics of establishing a pulse probe sequencing program for a 24 dimensional elliptical modular grid is a function of the mass centroids, amplitude, and pulsing frequency. More importantly, degaussing the probe beam with white gaussian noise preserves the integrity of the Schumann geodyne between continuous pole locations on the earth, as well as the celestial grid.

By "continuous" pole locations, we mean either positive nuclear magnetoid or negative nuclear magnetoid, with no mixing of each for a single geodynamic transversal. By understanding the complete mapping of the earth's geodyne at every resolution between departure and arrival locations, we can map out a smoother translation with sharper resolution and buffered transients with frequency and noise filters, respectively.

In the golden spiral diagram, the red and dark grey lines show the symmetry of each part of the spiral, as it rotates into the center of the page. When rotating towards the center, we say that the spiral has "negative" curvature. When the spiral rotates from the point closest to the center of the page outward, we say that the spiral has "positive" curvature. The blue half-circles represent what quadrant the spiral is in, i.e., sectors I thru IV contain three complete rotations of the spiral, making up 26 different "quadrants":

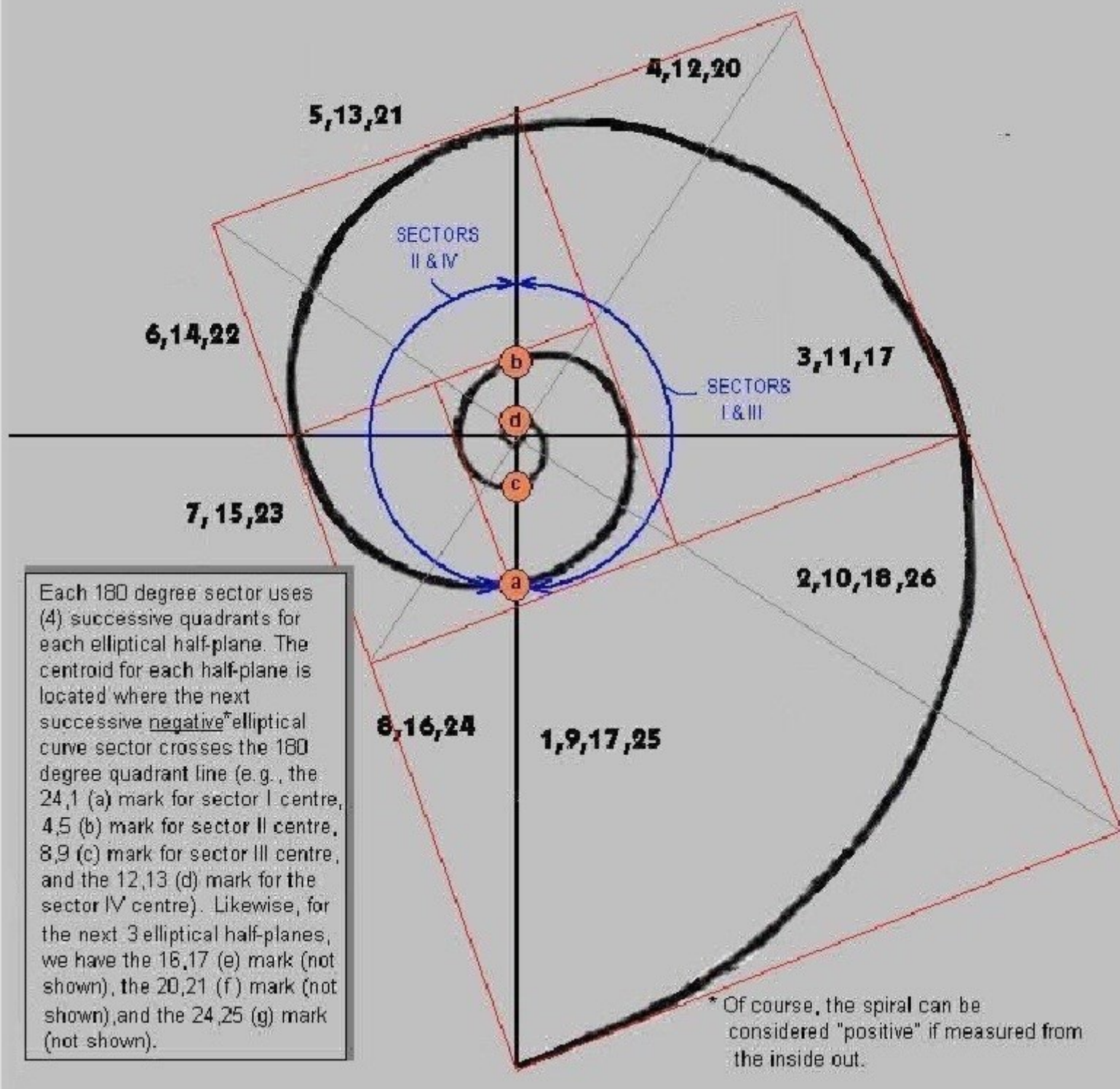
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Degaussing the resonance using a white gaussian noise filter is inwardly directed. The order of programming the pulse sequencing for initiating lift and directional movement is outwardly directed self-organization.

The bandwidth of operation depends upon the frequencies of the Bi-II 7th shell electrons, which correspond to the LIIPIPIII shell(s) at 0.92413 angstroms at 13.4159 keV. The inelastic scattering threshold for resonance neutron capture is 901 keV. Inelastic scattering means that there is no recoil of the neutron, i.e., the pulse probe is programmable at a frequency and amplitude that is between the values of neutron resonance capture (901 keV) and the neutron separation energy (4604.635 keV).

Above inelastic scattering, which is above 901 keV, there is elastic scattering, which involves the absorption (and emission) of virtual photons as electrons in order to replace the electrons that become radiated as a result of the polarized pulse sequencing. Polarization means aligning the centroids in either a horizontal or vertical direction.



The above diagram indicates vertical polarization. Positive or negative vertical polarization means that the centroids are located above or below the horizontal axis. Positive or negative horizontal polarization means that the centroids are located to the right or the left of the vertical axis.

Decompression of the g-force actually stretches the wavelength of Bi-II 7th shell electrons, so that the decompressing g-field is similar to an expanding balloon. As the spiral widens, the relative proportions between coordinates remain fixed. An electron at time t_a with $\lambda = 0.92413$ Angstrom wavelength

will have a stretched wavelength at some later time t_b given by $\lambda_b/\lambda_a = R(t_b)/R(t_a)$, where "R" represents a power law expansion function. The expansion function is directly related to the widening spiral for nuclear spacetime decompression, given some parameter $P_0 = c(h)(\text{km})/(\text{sec})(\text{parsec})$.

Microscopically speaking (in terms of the type of Bismuth Fiber used in the conducting medium) there is a non-linear phase shift as a function of input power, which affects the bandwidth of decompression. The non-linearity is measured in $\text{watt}^{-1} \text{ km}^{-1}$, for specific values of polarized radii. Each radii used in the pulse sequence has a specific energy level attached to it that directly influences the amount of phase shift, or D_j , which is equal to $g \times L_{\text{eff}} (2P_{\text{in}})$, where D_j = phase shift, g = effective fiber nonlinearity at a given wavelength = $(2\pi / \lambda) \times (n_2 / A_{\text{eff}})$, where A_{eff} is the effective mode area, n_2 is the nonlinear refractive index, and λ is the wavelength). Each fibre crosssection is capable of handling 300 mW, so that an entire fibre array of 1000×1000 fibres, with uniform intensity not exceeding 100 mW per mm^2 , could theoretically handle $(100)(3)((1000)(1000)) = 300,000,000$ watts! Thus the phase shift for a larger array would still be the same for uniform intensity.

According to the gravitational theory of relativity, the photon frequency (of atomic transition) does not change in gravitational frequency. The resonance frequency for Bismuth is 16.23, 81.15, and 129.84 MHz., and so this frequency remains constant throughout decompression of the atomic field, however the wavelength becomes stretched and phase shifted proportionally to the amount of decompression.

Since clocks in a high gravity field tick slower than one in a lower gravity field, we are observing the clock "ticks" from the standpoint of the earth's gravitational field, which acts as the lower gravitational field according to this scenario, so that the observer of resonant frequencies actually views the frequency through the earth's gravimetric lense of faster "ticks". Therefore, the "stretched" wavelength during decompression opens "our" world to the environment of the "slower ticks" of the "nuclear" world, where the wavelength actually becomes "longer" as spacetime decompresses.

The equation for a widening spiral is $r = S^q$ where $S = f^2/p$, where r = the radial dimension from the center of the spiral, " q " is in radians and the value of " f " or " ϕ " is $1(+ \text{ or } -)\sqrt{5}/2$.

The key here is how to equate the value of " r " to the amount of decompression, using " ϕ " as the decompression factor. In standing wave decompression, the incident wave is superimposed, with a localized decompression shaping matrix dependent upon the amplitudes and sequencing of polarized pulses. In traveling waves, the superposition of waves have become offset to provide a resultant gradient opposite to the direction of the offset.

The thermo-electric sensitivity of bismuth as $-72 \text{ mV}/^\circ\text{C}$. There is no doubt

that an applied pulse probe will increase the thermo-electric sensitivity of Bismuth. However, we will disregard this phenomenon for the time and suppose that the superposition of waves involves a directional superposition in decompression vectors over earth gravimetric force vectors.

The surface pressure of the earth is 10^{13} millibars, or 1,013,000 dynes per square centimeter. The Bismuth Neutron crosssection equals 21.323 millibars. This value is a fraction of the surface pressure on the earth. Proportionally speaking, this same fraction relates to what the "Schumann" wavelength would be for a completely decompressed neutron.

The geosphere's wavelength would be equal to the earth's circumference from north to south pole and back, or 22,241,883.3 feet. Assuming a linear decompression, the fraction of geosphere wavelength for the completely decompressed neutron would equal $(21.323 / 1013) (22,241,883.3) = 468,177.371$ feet. Without installing a safety factor into the superimposed waveform, the value of "R" in the aforementioned formula $I_b/I_a = R(t_b)/R(t_a)$ ($= 468,177.371 / 22,241,883.3 = 0.021049$) can be used to figure out the associated pulse lengths and amplitudes for a given level of decompression.

Remember, time t_a with $I = 0.92413$ Angstrom wavelength will have a stretched wavelength at some later time t_b . Since there are varying wavelengths for Bismuth nuclear magnetic resonance, i.e., 16.23, 81.15, and 129.84 MHz., these values represent three different t_a 's with three different wavelengths. In order to reverse-calculate these frequencies back to their respective wavelengths, we use the following equation to convert wavelength to frequency:

$$= v \text{ (Hz)} = 2.998 \times 10^{17} / \text{wavelength (nm)}.$$

The " 2.998×10^{17} " is the speed of light in our local (few thousand parsec) universe, to be safe. Using 10 Angstroms = 1.0 nanometers, so that
16,230,000 cycles / sec =
 $299,800,000,000,000,000.000 / \# \text{ nanometers} = 18,471,965,495.995$
nanometers = 18.471965495995 meters wavelength, 81,150,000 cycles /
sec = $299,800,000,000,000,000.000 / \# \text{ nanometers} = 3,694,393,099.199 =$
3.694 meters wavelength, and 129,840,000 cycles /sec =
 $299,800,000,000,000,000.000 / \# \text{ nanometers} = 2,308,995,686.999$
nanometers = 2.308995686999 meters wavelength.

Each of these wavelengths represent the decompressed nuclear magnetic resonance wavelengths for Bismuth, but what of the induced cyclotron resonance electronic phase transition of 2-1/2 that is induced by a magnetic field? Each of these associated resonances are indicated in the above graph at right under the article "Solution to the Cubicle Membrane Problem", and measure .0000133 meters (for a 10 Tesla field strength that is parallel to the binary axis), and 0.00002 meters (for a 6 Tesla field strength that is parallel to the binary axis).

How could we prove that these two resonant wavelengths correspond to the lower two of the three nuclear magnetic resonances given as 16.23, 81.15, and 129.84 MHz?

We can do this by observing the shape of the jagged curve in the aforementioned article for Bismuth, and notice how the curve still "plunges" in "similar shaped" compressed areas for both field strengths of 6 and 10 Tesla. Generally, the higher the frequency, the higher the radiosity, so that 129.84 MHz must correspond to a higher Tesla field strength than 10, and is not represented on the chart).

Regarding the nature of how growth and self organization in the expanding spiral, one can see how this phenomenon becomes visualized. It is as though one had placed a magnifying glass over the bottom curve in order to picture the top curve! Therefore, decompression occurs around the curve at a specific magnetic flux density. This flux density would decompress instantaneously if it were not for the design of specific off-resonance pulse sequencing.

The curve becomes calibrated for a specific decompression, based upon pulse timing. The decompression is also plane polarized for vertical or horizontal operation. The timing of these pulses should follow nonlinear relaxation and characteristics of reflectivity, since it is reflectivity that acts as a gauge for electron relaxation time, usually on the order of one picosecond.

MeV Ion Femtosecond pulsing in the MHz range creates giant resonance with α -emission and Bismuth absorption spectra. As the absorption spectra increases, greater doppler broadening with higher Tesla field flux decompresses the value of "R" in the spiral.

Total decompression (for vertical polarization only) follows the spiral clockwise from the center resonance frequency to the order of centroids that lead to the outermost (e.g., f,e,d,c,b, and finally a) in a sequence that allows for picosecond gaps in the femtosecond power pulsing. Decompression for horizontal polarization is actually integrated into the vertical polarization after each hop, and then 90 degrees retrograde. The incremental values for "r" are calculated from a Fortran program. Specific values for decompression using the value for "phi" at counterclockwise, semi-orthogonal intervals (ref. "widening") along the spiral, with specificity being established according to the resolution of decompression. EDITOR'S NOTE: The four parallel edges of the 3-dimensional cube described in Analysis of the Pulsed Cubical Membrane and Solution to the Cubical Membrane Problem form a simple 2-dipole or quadrupole. A quadrupole moment is defined as the measurement of the quantity and shape of ionic charge distribution at the extremities of two dipoles that are joined end-to-end. A non-zero quadrupole moment approaches the shape of a prolate ellipsoid, which is 1-1/2 times longer than wide. One can right away see that pulsing at successively longer wavelengths helps to expand the radii of the spiral in order to approximate the prolate ellipsoid's dimension.

By longer wavelengths, we mean that the value for the spiral "r" increases as the spiral widens during nuclear decompression. The *widening is not continuous, but hops 180 degrees forward, then 90 degrees backward, then 180 degrees forward, and so on, until the wavelength stretches to the desired circumference. The resulting quadrupole resonance radiation wobbles the charge (proton) with the center of mass (neutron). By hopping each pulse orthogonally outward around the spiral, the shape for the prolate ellipsoid is approximated for a complete, continued decompression.

All of the aforementioned resonant frequencies for Bismuth correspond to a single atom of Bismuth, which is not in quadrupole formation. Ideally, it is a known fact that a linearly oscillating point charge (i.e., polarized wave) will emit both dipole and quadrupole radiation and that the frequency of the quadrupole radiation is twice the frequency of dipole radiation, so in order to calculate the resonant frequencies of the Bismuth quadrupole, we would have to multiply each nuclear magnetic resonance dipole frequency by 2.

The Nuclear Magnetic resonances of the single Bi atom and Bi-II atom are equivalent (without going into a digression of evaluating the nuclear moments of each, because each evaluation uses the same quantum number for nuclear angular momentum) so that $16.23(2) = 32.46 \text{ MHz}$, $81.15(2) = 162.20 \text{ MHz}$, and $129.84(2) = 259.68 \text{ MHz}$ for the quadrupole resonances of linear Bi-IV.

This factor, in addition to the aforementioned phase shifting at specific pulse amplitudes, pulse hopping in order to approximate the prolate ellipsoid's width, and probe beam polarization, help to form the basis for stabilizing the the probe beam injection.

One can easily see that for just one hundred decompressing secondary neutrons in Bi209, 2132.3 millibars of pressure are available in the opposite direction of pulse probe application (before buffering, this would be equivalent to 2,132,000 dynes per square centimeter!).

However, as the shock wave begins to decompress, the addition of electromagnetic "white noise" acts as a buffer for the expanding wavefront. The filters used in the buffers are the variable absorption type for Schumann harmonics up to the resonant frequencies of Bismuth ($= 16.23, 81.15, \text{ and } 129.84 \text{ MHz}$). (A great reference that uses theory developed for crystallographic phonon electron states is applicable for more info on the phonon-electron interaction.

[1]

<http://groups.google.com/group/sci.space.policy/msg/f60a9002c3076432>

[1a]

In the quaternic crystal, a set of space wave functions for the free ion is $y_5 = R(r) Y_{21}$, $y_4 = R(r) Y_{20}$, $y_3 = R(r) Y_{11}$, $y_2 = R(r) Y_{10}$, $y_1 = R(r) Y_{00}$, where $R(r)$ is a function that depends on the Hamiltonian of the ion,

and Y_{2_1} , Y_{2_0} , Y_{2_11} , Y_{2_10} , and Y_{2_00} are spherical harmonics for the polar angles θ and ϕ . These polar angles are used in the relationship of momentum representation in spherical harmonic equations.

More info can be found at:

<http://groups.google.com/group/sci.space.policy/msg/6b2e5bfb94ce58e8>

[2]

"The electrostatic potential near a 1_A_1 ion can be written as: $V(r) = Ax^{**2} + By^{**2} - (A + B)z^{**2}$, where A and B are constants. This is a simple quadratic formula for a cubic-face-centered crystal. See reference [1a] for a description of the space wave functions for the free ion in a quaternic crystal. If monochromatic radiation is used to split frequencies (Raman scattering) of the molecule's single-photon atomic resonance, which corresponds to the valence electron's atomic resonance, a fully inverted two-level system with dipole coupling results. The idea for dipole coupling is the same as the production of the resonant wave's inverted phase angle, e.g. @ -45 degrees vs. +45 degrees. When the hyperpolarized medium is then chirp pulse amplified (from A_1 to A_a space group) in a plane perpendicular to the long axis, with a slightly detuned probe beam at a 90 degree angle with the pulse beam, the resultant output along the axis of the probe beam provides the energy required for hypertranslation. 4-dim quaternions don't quite work for all 4 forces of physics, but the 8-dimensional octonionic (orthorhombic) lattice will give you all 4 forces of physics (gravity force, color force, weak force, electromagnetic force), and it naturally breaks down into a 4-dim HyperDiamond physical spacetime lattice and an internal symmetry lattice, which is the HyperDiamond lattice version of the D4-D5-E6-E7-E8 VoDou Physics model. The D4+ 4-dim HyperDiamond lattice is exactly the same as the 4-dimensional cubic lattice Z_4 , the lattice in 4-dimensional space made up of 4-dim "hypercubes".

Using the word "hypercube" here describes a 3-dimensional "cube" that translates through hyperspace through some conditional physics, while the physics takes into consideration some unique quantum mathematics related to a correction in Leibniz's theorem in a 1702 book "Acta Eruditorum".

The "correction" was provided by a man named Roger Cotes, from notes compiled after Cotes' sudden death in 1716. The appended notes appeared in "Harmonia Mensurarum" in 1722. To make it simple, the quaternic relationship for a realistic 4-dimensional hypercube that utilizes a quadratic formula for a face-centered molecule of BI-IV 1_A_1 ion can be used to solve for all possible wave components in calculating the magnetostatic potential, given two of the coefficients that are used in describing the geometry of the cube. In fact, there are a total of 9 roots (in 3D) that correspond to each quarte cycle of magnetogyration, giving a total of 27 roots for each dipole, followed by one quarter wave RELAXATION TIME (from control systems theory, because the scalar amplitude we seek is GENERICALLY 1/5 of the settling time - see reference [2]).

It is within this relaxation time that the lightbodies with their corresponding magnetosomes, are being "phase conjugated" a certain percentage of the time. All of the bioprogrammed infolded harmonics "subtract" a certain percentage of the lightbodies while absorbing orgone energy as the side effect during this micro-time period of phase conjugation. As an overall effect, all BI-IV QCD Color Magnetic Force Field ($10^{-11}\text{cm} - 10^{-13}\text{cm}$) is "stripped" from the hypertranslating "cube" (see ref.[3], sp."color force") instantaneously contracting a coherent phase propagation and direction of sonic vibration for every single magnetosome in the human body.

Since each quaternion represents one term in the power series expansion, and each quaternion representing four terms or less (denoting any combination of time, phase, amplitude, and wavelength), we have the etheric vibration of 2 pairs of allophonemics (from a list of 128! possible combinations) which can have $4 \times 3 \times 2 \times 1 = 24$ possible arrangements for each quaternion term, for every quaternion term in the expansion, applying each pair of allophonemics, superposing the etheric identifier with its respective basin lobe border."

[2a]

Since the first recognizable heartbeat begins after 5 weeks in the womb, one may safely assert that 5 weeks represents some kind of a relaxation time in the universal spacetime configuration of events. '5 weeks' actually represents the lower 'zero time' reference point, inner limitation to the stretched pilot wave in electrogravitics.

The gestation period thus represents a subspace driver in association with the cubic, with ordinate axes, that references the ZERO POINT HOLOMORPHIC through the heart muscle enzyme LDH, which has cubic crystallographic structure, and is also found in bee pollen.

The 2-2-2 symmetry means that the crystal structure is 4-square, meaning that the translations for all morphologies referencing the cubic structure have the same zero time reference, with the first heartbeat beginning after each occupant's zero-time. Since LDH is only available as a subspace driver during the 5 week gestation period, '5 weeks' represents the time lock for each FTL occupant, and eliminates the need for an FTL 'observer'.

[3]

<http://groups.google.com/group/sci.space.policy/msg/c0feaa708b9a2dbd>

The "color force" can be simply represented by imagining a large mirror angled at 45 degrees to a hypothetical spacecraft traveling just under lightspeed. Viewed at right angles to the direction of the traveling spacecraft, the image in the mirror would appear to be moving FTL.

This is exactly what happens when the color force becomes separated from the nuclei: The spacetime "hole" leads to mass/charge formations of bosonic Cooper pairs, unleashing the quark, whose pions are now free to roam away

from the crystallographic lattice. Unfortunately, the reflection in the mirror has now become monochromatic, meaning that some preselected properties of the spectral species of the plasmid ***forever lose*** their thermoluminescence in the magnetosomes, meaning that some selective advantage of one and/or two of the genes present in the magnetosome loses its 'value', e.g., 'antibiotic resistance' gene, DNA 'replicator' type gene. Every plasmid contains one replicator gene that can be duplicated independently from the chromosomal DNA.

So in order to ***forever lose*** the BAD genes that cause shorter life expectancy, (e.g., diabetes, cancer, various other life threatening diseases), specific luminescences can be chosen that are common for a group of space travelers, and incorporated into the phase conjugated, 'color force mirror' that, theoretically, hypertranslates each and every occupant simultaneously through spacetime, while at the same time unbinding the color force by **FORFEITING** either **SOME OR ALL** of the **UNHEALTHY** properties of the plasmid in magnetosomes or the whole magnetosome itself - but using this process for initializing the 4-space tradeoff with DOR filtered absorption as part of the byproduct for superluminal translation.



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