

Agenda 2025 - A Starhuman Genomatrix Legacy

A History of Encoded Times in Metonic Cycles

Timeline 2024 - 2026 in 1 Hour of 3600 Seconds

A Parallel Agenda to 2010-2020-2030

1921 We by Yevgeny Zamyatin --- 1927 Metropolis by Fritz Lang (projected as occurring in the year 2030) --- 1931 Brave New World by Aldous Huxley --- 1984 by George Orwell --- 2013 Elysium by Neill Blomkamp --- 2020 by Old World Order Event 201 --- 2025 by? --- 2030 by New World Order - Can the Old Technocracy of 2020 transform into a New Technocracy of 2030 by Metamorphosis 2025?

View:

<https://www.youtube.com/watch?v=gdtZv3XROnc>

(1202) Elysium Official Extended Trailer (2013) - Matt Damon Sci-Fi Movie HD - YouTube

<https://www.youtube.com/watch?v=vSAS79fBVxs>

Manetho's Zep Tepi to Dynastic Egypt, Moses' Exodus to Solomon's Temple to Cyrus the Great, Jesus and Nag Hammadi to the Reconfiguration of Time Universal



<https://rumble.com/vl3xd4-agenda-2025-a-starhuman-genomatrix-legacy.html>

Once in 7000 years

23RD September 2017

10 Years as 10 Days September 22nd, 2017 to September 24th, 2027

15 Cubit Days as 15 Years 2012 - 2027



September Equinox 2017
22Sep2017--20:02UCT
mro

10 Pris(m)on Days of the Apocalypse encoded as 10 Degrees of the
Return of Shadows in Isaiah's Sundial of Ahaz in shortened Times

September Equinox 2027
23Sep2027--06:02UCT
mro

9	9	2282=2300-18=965+Abomination of Desolations AOD 1290+45-18					10	9	Daily Sacrifice of 965=1335-370 Days	Noah 370 New Rainbow Covenant		9	
		2300=965+1335=1335+1335-Noah 370=2670-370 (Dan.8.14)					9	10					
		The Cleansing of the Sanctuary		AOD Left-West 1290=1335-45=1280+30		45=90-45 Sacrificed Days		Daily Sacrifice of 45 Days		AOD Right-East 1290=1335-45=1280+30			
18	965=2300-1335		West-Left 1335=1260+75					East-Right 1335=1260+75					9
9	9	965	75=84-9	West-Left 1260=84x15				East-Right 1260=84x15				84=1260/15	
23Sep 2017	02Oct11		02Jun 2020	16Aug		14Dec 2023	10Jan 2024	28Jan		13Mar	15Sep 2026	11Jul 2027	24Sep 03Oct

Revelation 2:10 - KJV

10 Fear none of those things which thou shalt suffer: behold, the devil shall cast some of you into prison, that ye may be tried; and ye shall have tribulation ten days: but thou shalt overcome, and I will give thee a crown of life.

Revelation 6:6 - KJV

6 And I heard a voice in the midst of the four beasts say, A measure of wheat for a penny, and three measures of barley for a penny; and see thou hurt not the oil and the wine.

Hosea 3:2 - KJV

2 So I bought her to me for fifteen pieces of silver, and for an homer of barley, and an half homer of barley:

Zechariah 11:12-13 - KJV

12 And I said unto them, If ye think good, give me my price; and if not, forbear. So they weighed for my price thirty pieces of silver.
13 And the Lord said unto me, Cast it unto the potter: a goodly price that I was priced at of them. And I took the thirty pieces of silver, and cast them to the potter in the house of the Lord.

Matthew 27:3-10 - KJV

3 Then Judas, which had betrayed him, when he saw that he was condemned, repented himself, and brought again the thirty pieces of silver to the chief priests and elders,
4 Saying, I have sinned in that I have betrayed the innocent blood. And they said, What is that to us? see thou to that.
5 And he cast down the pieces of silver in the temple, and departed, and went and hanged himself.
6 And the chief priests took the silver pieces, and said, It is not lawful for to put them into the treasury, because it is the price of blood.
7 And they took counsel, and bought with them the potter's field, to bury strangers in.
8 Wherefore that field was called, The field of blood, unto this day.
9 Then was fulfilled that which was spoken by Jeremy the prophet, saying, And they took the thirty pieces of silver, the price of him that was valued, whom they of Israel did value;
10 And gave them for the potter's field, as the Lord appointed me.

Genesis 7:20 - KJV

20 Fifteen cubits upward did the waters prevail; and the mountains were covered.

Isaiah 38:5-8 - KJV

5 Go, and say to Hezekiah, Thus saith the Lord, the God of David thy father, I have heard thy prayer; I have seen thy tears: behold, I will add unto thy days fifteen years.
6 And I will deliver thee and this city out of the hand of the king of Assyria: and I will defend this city.
7 And this shall be a sign unto thee from the Lord, that the Lord will do this thing that he hath spoken:
8 Behold, I will bring again the shadow of the degrees, which is gone down in the sun dial of Ahaz, ten degrees backward. So the sun returned ten degrees, by which degrees it was gone down.

Daniel 8:10-14 - KJV

10 And it waxed great, even to the host of heaven; and it cast down some of the host and of the stars to the ground, and stamped upon them.
11 Yea, he magnified himself even to the prince of the host, and by him the daily sacrifice was taken away, and the place of the sanctuary was cast down.
12 And an host was given him against the daily sacrifice by reason of transgression, and it cast down the truth to the ground; and it practised, and prospered.
13 Then I heard one saint speaking, and another saint said unto that certain saint which spake, How long shall be the vision concerning the daily sacrifice, and the transgression of desolation, to give both the sanctuary and the host to be trodden under foot?
14 And he said unto me, Unto two thousand and three hundred days; then shall the sanctuary be cleansed.

Daniel 12:6-13 - KJV

6 And one said to the man clothed in linen, which was upon the waters of the river, How long shall it be to the end of these wonders?
7 And I heard the man clothed in linen, which was upon the waters of the river, when he held up his right hand and his left hand unto heaven, and swore by him that liveth for ever that it shall be for a time, times, and an half; and when he shall have accomplished to scatter the power of the holy people, all these things shall be finished.
8 And I heard, but I understood not: then said I, O my Lord, what shall be the end of these things?
9 And he said, Go thy way, Daniel: for the words are closed up and sealed till the time of the end.
10 Many shall be purified, and made white, and tried; but the wicked shall do wickedly: and none of the wicked shall understand; but the wise shall understand.
11 And from the time that the daily sacrifice shall be taken away, and the abomination that maketh desolate set up, there shall be a thousand two hundred and ninety days.
12 Blessed is he that waiteth, and cometh to the thousand three hundred and five and thirty days.
13 But go thou thy way till the end be: for thou shalt rest, and stand in thy lot at the end of the days.

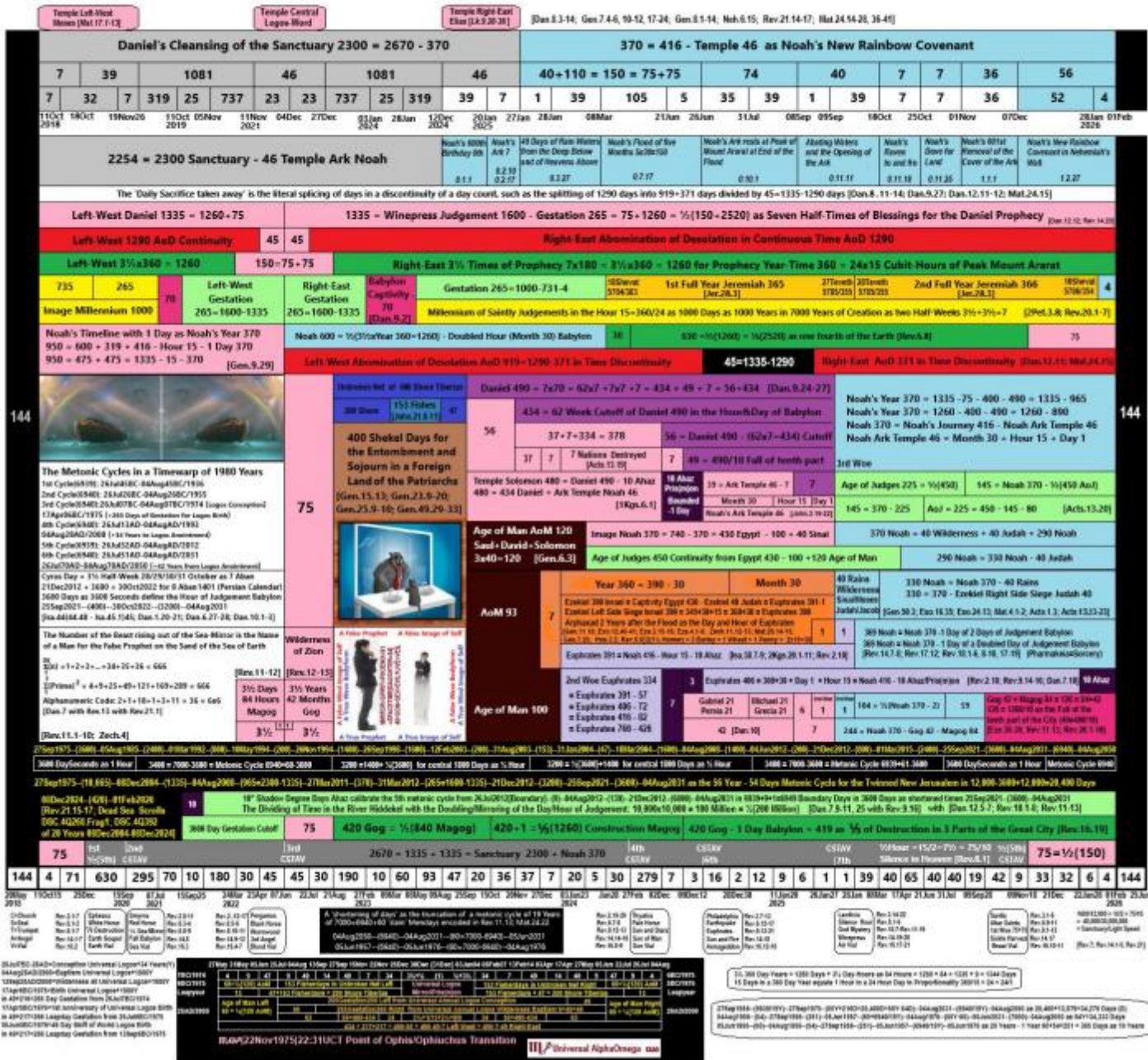
Endtime Codes of
the Apocalypse in
the Divided Times
of River Hiddekel

Gen.2.14
Dan.7.25
Dan.10.4
Dan.12.5-7
Rev.10.1-8
Rev.13.1, 6, 11

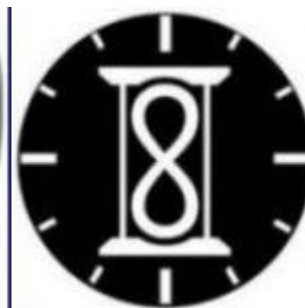
The Cleansing of the Sanctuary

in Noah's New Rainbow Covenant of the Flood within Daniel's Times

of Prophecy fulfilled and for the River Hiddekel of Times Divided

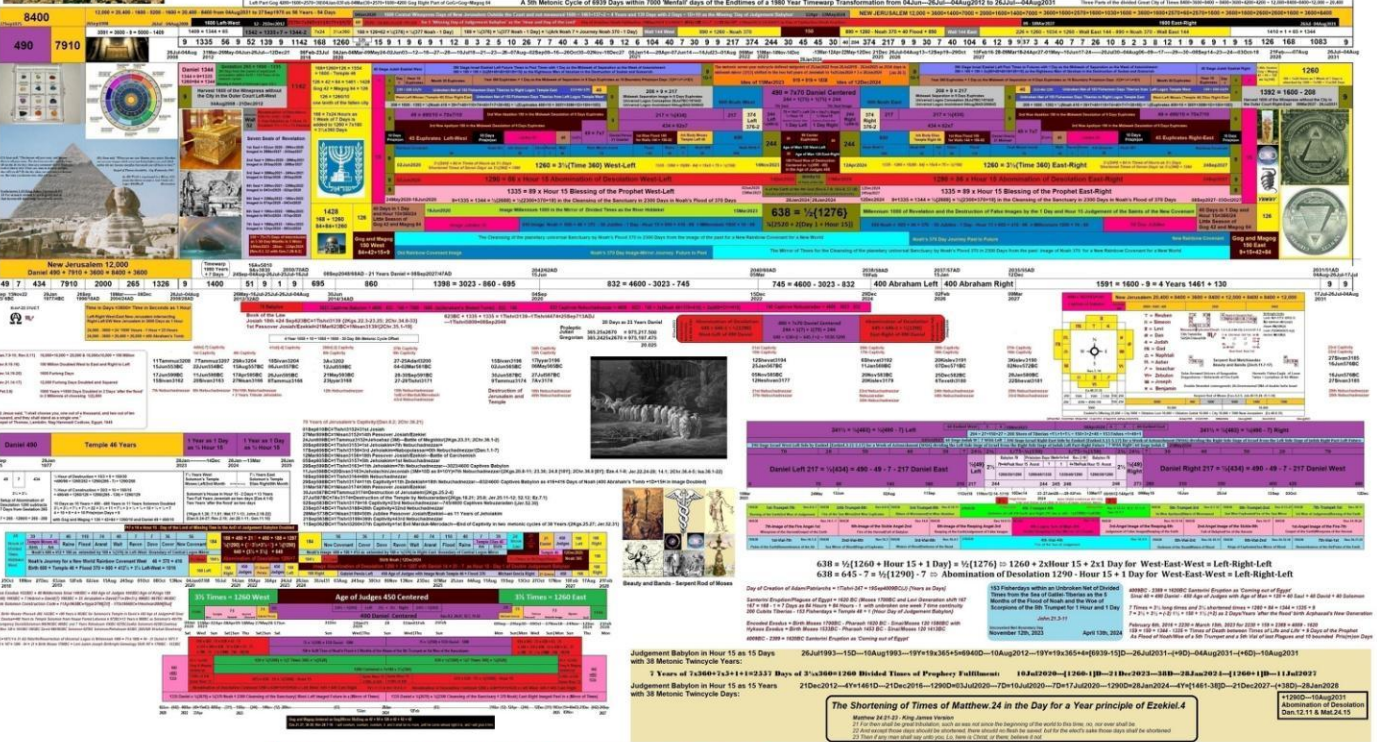


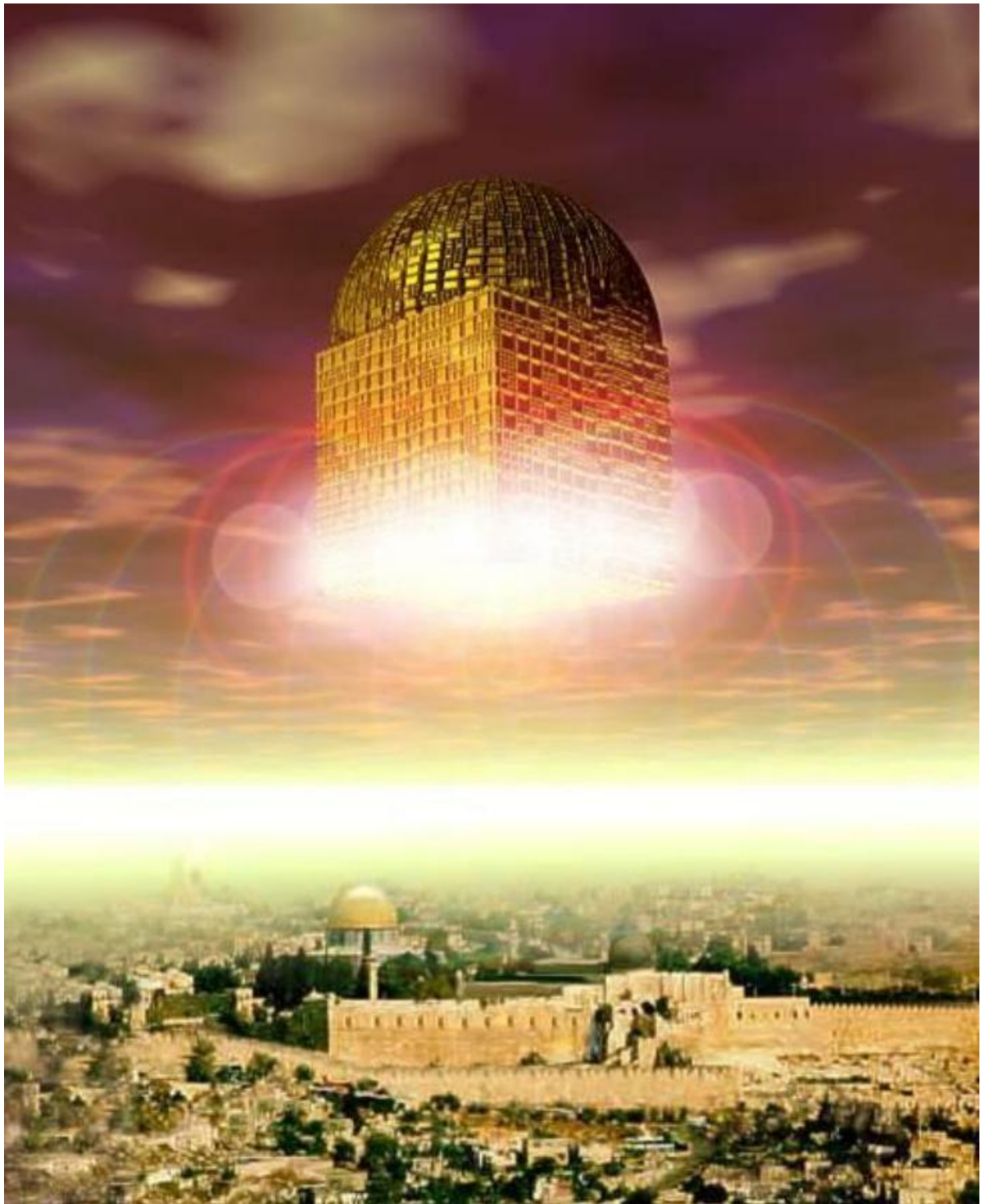
Zoom: <https://www.cosmosdawn.net/threads/the-starseed-generations.13683/#post-67661>



Agenda 2030 and the Seven Seals of the Apocalypse

The Ides of March 15th, 2023 with December 12th, 2024





The birth of the universe in space and time from physicalized universal consciousness.

Time began when the nonexistent and the uncreated became conscious of itself and what 'It' was, as also being 'It' as the existent and as the created.

The difference between the uncreated and the created then describes the concept of time as a process for 'It' of becoming conscious of itself in the form of a universal self, using time potentials to experience itself as a form of energy. 'It' created itself as a universal self in realizing its own potential from the uncreated state of 'It' in no time to create itself in 'Now time', and therefore giving birth to time.

Consciousness is a form of primordial and ubiquitous source energy that forms a relationship between the nonexistent and uncreated, and the existent and created. A self-simulation of the omnipresent universal consciousness as a totality then creates a distribution of that unified totality in parts, to potentially rediscover itself as a distribution of individuated self-consciousness or space-time self-awareness, reconstituting its unified wholeness in individuated data-information collectors, information processors, and data interpreters.

This original consciousness also forms a partnership between the energy forms in existence and the energy forms not in existence in the form of the consciousness energy as imagination. The not existing or 'Nothingness' of a potential and eternal void was as 'One' with the 'Everythingness' of 'All that It could have been' and was as 'All That Is' and could be in a realization of the energy potentials contained in the eternity of the void. And the movement and dynamic of differentiating the potentials of the 'could have been' from the potentials of the 'could be' became the definition of differentiating the order of before and after as a flow of time from the relative past to the relative present to the relative future.

The imagination in self-consciousness exists to realize the potentials of the source energy in a form of the forethought realizing itself as the afterthought. This process connects the perceived flow of time in spacetime to the entropy arrow of energy potentials.

The relative past with experienced and realized energy potentials through the time-relative present moment or now time connects the past to the time-relative future with not yet experienced and unrealized energy potentials of the source energy, albeit distributed in the parts of the source energy.

The source energy so experiences the 'flow of time' as a principle of order where event B cannot occur before event A has become happenstance in the realization of a relative time potential.

The relativity of time potentials then becomes self-relative in the form of the source energy and its partition into substructures of the precursor or parent source energy. The duration between events A and B becomes a function of the relativity of time as experienced, measured, or counted in the distributed forms of the source energy and as a self-relativity of the worlds within worlds of an encompassing overworld or superrealm of the source energy.

This superb world is known as the universe, emerging from a protoverse to evolve into a multiverse and being encompassed as an omniverse, a necessary boundary and initial condition to enable the source energy to experience itself through the time potentials in a spacetime interwoven with the time potentials.

The birth of the universe is known as the separation of a world above called 'Heaven Above' from a world below called 'Earth Below' in the creation of a spacetime mirror called the 'Firmament'.

This process was the separation of the 'Timeless' from the 'Now time' and defines the original realization of the original time potential by the source energy.

This process is also known as a quantum fluctuation of a mathematical singularity, physicalizing the metaphysical or 'spiritual' universe without the parameter of spacetime within a spacetime defined in the mathematical singularity. The creation and birth of time also gave birth to spacetime in the form of the mathematical singularity defining both a space parameter and a time parameter to become interwoven or 'quantum entangled' with each other in a spacetime parameter, known as the wormhole parameter of a quantum tunnel connecting the two worlds separated by the firmament of the spacetime mirror.

The quantum tunnel, connecting heaven to earth, is also known as an Einstein-Rosen bridge connecting a Planck-Stoney cosmology to a Weyl-Hawking cosmology in the utility of a 12-dimensional Vafa-Witten spacetime mirror.

The Planck-Stoney cosmology then forms the higher dimensional universe known as the membrane-superstring physics using the 11th dimension in a mirror symmetry to connect the 12th dimension of an 'old heaven' to the 10th dimension of an 'old earth', emerging or evolving from the 1st dimension and mirroring a 0th or Null dimension in the 13th dimension as a boundary for the 'old heaven'.

The lower-dimensional universe is bounded in the 1st dimension and so is the mirror image of the 12th dimension across the mirror of the 11th dimension, which is also the 2nd dimension in the root reduction of the numbers $12=1+2=3$ with $11=1+1=2$ and $10=1+0=1$.

The lower-dimensional universe occupies the spacetime of 3 space dimensions and connects to the higher dimensional universe in a 4th spacetime dimension.

The 4th dimension is a time dimension, which can also be a space dimension, should the The higher-dimensional universe reconfigures itself by using the spacetime mirrors of the 2nd and 11th dimensions in a transformation of the 8 dimensions between dimensions 2 and 11 and by using the quantum tunnel as the thickness of the universal mirror of universal time. The 3rd space dimension is born and created in transforming the 8 dimensions in the quantum tunnel as a new mirror of time as the 7th dimension, separating dimensions 8, 9 and 10 from dimensions 4, 5 and 6 in a trio of time dimensions 4, 7 and 10.

The mathematical singularity or quantum fluctuation creating the universe in spacetime from the consciousness of the nowhere in notime, so partitioned a 12-dimensional universe into 4 worlds in spacetime and 3 worlds of 4-dimensional space in notime.

The first world of 4-dimensional line-space of dimensions 1, 2, 3 and 4 is connected to the second world of 4-dimensional space of dimensions 5, 6, 7 and 8 as a 7-dimensional rotation-space by the 4th spacetime dimension known as Minkowski time-space, and the second 7-dimensional world is connected to the third world of 4-dimensional space as a 10-dimensional vibration-space by the 7th spacetime dimension, known as Penrose time-space.

As the third world of four space dimensions without time manifests dimensions 9, 10, 11 and 12; a third time-space is created in the 10th space dimension, known as String time-space.

The three worlds of 4-dimensional spacetimes are described as occupying line-space, twistor-space, frequency-space, and quantum-space in 1-3 and 4-6 and 7-9 and 10-12 dimensions as four worlds of spacetimes connected to each other in a shared time-space dimension, closing the 3 dimensional continuum or circle from the 1st dimension to the 12th dimension in time connector dimensions 4, 7 and 10 or the algorithmic sequence Begin(1 I0)-2-3-(4 I1)-5-6-(7 I2)-8-9-(10 I3=1*)-(11 I2=2*)-(12 I1=3*)-(13 I0=4*)End forming the boundary-initial condition of mirroring heaven in earth in the dimensional root reductions of $10=1+0=1$ and $11=1+1=2$ and $12=1+2=3$ defining the line-space, the area-membrane-space, and the volumar-space in 3 dimensions in the lower dimensional universe but mirrored in the higher dimensional universe in dimensions 10, 11 and 12.

The 8 dimensions describing the (thickness' of the spacetime mirror connecting heaven to earth originally manifest the physical universe in the birth of spacetime in the wormhole parameters of the Weyl-Hawking cosmology.

It does this in transforming a one-sided mirror, known as the dragon Möbius, defined in 2 dimensions of a 3-dimensional space into a two-sided mirror, known as the dragon Klein. The dragon Möbius resides in the area- or membrane-space of the Mathimatia, which is a label Describing the consciousness realm of (Universal Intelligence' also known as the Universal Word or Logos-Sophia.

Möbius is both a 2-dimensional mathematical object and an 11-dimensional mathematical dragon connecting its particular membrane space of geometric occupancy to its environmental space as its cave of residence or embedment of 3-dimensional geometry in the lower dimensional universe of the old earth and the 12-dimensional geometry in the higher dimensional universe of the old heaven.

The transformation of the old heaven with the old earth into a new heaven with a new earth is then defined in the Möbius mathematical 2-dimensional surface, and residing in 3-dimensional volumetric space, changing into the Klein defined in 3-dimensional volumetric space and residing in 4-dimensional volumetric space, also known as hyperspace, within a 5-dimensional spacetime with the 7th dimension of Penrose twistor time-space.

The Möbius-Klein dragon metamorphosis of Minkowski spacetime transforms into Penrose twistor spacetime, with 3-dimensional space within 4-dimensional spacetime transforming into 4-dimensional hyperspace within 5-dimensional spacetime, thereby changing the one-sidedness of the Möbius dragon mirror into the two-sidedness of the Klein dragon mirror.

Before the transformation, the old heaven in the 12th dimension was trapped and restricted, and so was the one-sidedness of the self-reflection of the consciousness of the source energy.

The creation of the universe and the quantum tunnel required the thickness of the 11-dimensional quantum mirror to transform this thickness into its lower 10-dimensional equivalence as a medium of self-reflection for the source energy.

The 10-dimensional String time-space so expanded itself through the wormhole parameters of the Planck-Stoney and the Witten-Hawking cosmologies from the 11th dimension as a root reduced 2nd dimension and so creating the 3rd dimension of the line-space in the quantum tunneling of the 12th dimension through the thickness of the quantum tunnel as a 'timing machine'.

As this manifested the birth of space and time in a one-sidedness of direction from the 12th dimension to the 3rd and as the 3 worlds of volumars in the 4-space worlds of 1-4 and 5-8 and 9-12 dimensions, the old heaven became subject to the one-sidedness of the creation event of the quantum universe coming into existence from the consciousness or source energy of the creation-creation duality.

The old heaven formed a creator-creation duality with the old earth, in which the creator part is defined in the lightness on the reflecting surface of the one-sided Möbius mirror as the left side above the firmament, and the non-reflecting surface of the dragon Möbius, also known as the mirror of the Sabbath rest, defining the darkness of the creation being emitted into the creation as the right side of the firmament below.

The existence of the universe in spacetime then enabled cycles of light and darkness to prepare the time potentials to evolve into a process by which the old earth could become a new earth by using the dragon Klein as a two-sided spacetime mirror embedded in a 4-dimensional space as a 5-dimensional hyperspacetime.

The two-sidedness of Klein would then be able to reflect a processed monopolar electromagnetic source light back towards the 11-dimensional Witten mirror as a consequence of the breaking of the Möbius mirror, destroying the one-sidedness and replacing it with the two-sidedness of Klein. The replacement of the archetypal low-vibration red dragon Möbius with the archetypal high-vibration blue dragon Klein would thus create a new heaven as the image of the new earth.

The creator-creation duality so describes the original existence-nonexistence dichotomy as a dyadic monad of being two things within one thing, but unable to experience the two things as one unity, due to the inseparateness of the two things in the absence of the existence of space to separate them.

A monadic dyad as two things unified as one thing would, however, allow a separation in space between the two things if the two things could become irrevocably connected with each other.

This monadic dyad can also be defined as a Twin-Bipolaron self-intersecting as an elementary gauge parameter interaction coupling a dark energy ZPE/VPE (Zero Point and Vortex Potential Energy) Bipolaron to a dark matter RMP/DMP (Restmass and Dark Matter Photon) Bipolaron. This Twin-Bipolaron then allows the quasiparticle nature of a boson-fermion generic supersymmetry to emerge in the context of a universal wave-particle duality of a quantum-entangled cosmology built on the principles of a holographic universe.

The time potentials of the source energy so define the quantum entanglement as a space independent parameter of spacetime as a primary foundation for the cosmology of the source energy as universal consciousness.

The old heaven so released its consciousness energy as electromagnetic-monopolar light or 'spirit' to enable the transformation of consciousness into energy forms subject to spacetime parameters derived from the wormhole cosmology of the mathematical singularity geometrically defined in the dragon Möbius, transforming into the Klein using the time potentials of the source energy as universal consciousness.

This transformation of source energy was initiated in the Planck-Stoney cosmology, which defined interdependent units for measurement and experience under the guidance of universal principles, also known as the laws of nature.

The time potential for the transformation of the Planck-Stoney cosmology into the Witten-Hawking cosmology became realized in the quantum tunneling creating the 3rd dimension from the thickness of the 11-dimensional Witten membrane mirror and allowed the transmutation of five superstring classes of the 10-dimensional String time-space into each other in a gradient of energy between the five classes.

The first class is known as the Planck string. The second class is known as a Monopole string. The third class is known as an XL-boson class. The fourth class is known as a Cosmic Ray string. The fifth class is known as a Weyl fermion, the last enabling the 4-dimensional Minkowski spacetime to emerge as an Einstein-Maxwell-Planck cosmology, descriptive of a thermodynamic expansion of the universe as a black body Planck radiator emitting electromagnetic radiation in frames of reference relating inertial mass parameters with non-inertial parameters.

The definition of physicalized consciousness within the framework of the source energy of universal intelligence.

As a non-inertial frame of reference experiences a form of acceleration relative to an inertial frame of reference, the form of acceleration becomes the mode of operation for measurements using the laws of nature. When measuring the weight of something on the earth's poles, this weight will be greater than if measured on the equator by about 0.53 %, because there is no horizontal force on the weight as the earth spins around its axis; but there is a 'fictitious horizontal force' on the equator, where the weight moves in a circle about the axis of the earth in a period of rotation of about 24 hours.

The vertical reaction force on the weight on the poles exactly balances the action force of gravity without any horizontal force component; but on the equator, the vertical action force of gravity is balanced by both the vertical reaction force of the weight and a vertical component, horizontal relative to the poles, as the fictitious centrifugal force.

The gravitational action is measured as a reduction in weight and in the absence of the centrifugal force component. This example supposes a perfect spherical symmetry for the earth. As the earth is flattened on the poles as an oblate spheroid, gravity on the poles is greater than at the equator as the poles are closer to the center of the earth than is the equator.

It is the inertia that causes fictitious forces as non-accelerated frames of reference for measurement and observation in a classical physics of Newton's laws and Einstein's extension of the laws of mechanics in the curvature of spacetime incorporating the inertial frames of reference of Special Relativity within the non-inertial accelerated frames of reference of General Relativity.

The classical physics of Newton, Maxwell, and Einstein is based on the geometry of spacetime and is applied to describe the geometry of the universe as an interaction of physical entities within a spacetime of both inertial and non-inertial reference frames.

Minkowski spacetime is considered flat without curvature, and Penrose spacetime is considered curved or twisted in a geometry of positive ellipsoidal or negative hyperbolic curvatures, underpinning the force of gravity as a curvature of spacetime interacting with mass as the basis of inertia.

The physical basis for consciousness as the source energy so becomes the precursor of inertia and so mass in the original nature of a non-inertial reference frame.

The mass content of the universe at the creation event of the quantum tunneling of the 12th dimension transforming into the 3rd dimension of the parameters of the Weyl string and as the total inertia of the universe was caused by the non-inertial and so accelerated frame of reference of the source energy in the form of universal spacetime consciousness quantum tunneling as a function and derivative of the Planck string transforming into the Weyl string.

The non-inertial reference frame of the source energy so defined the original spacetime unit as a source energy quantum of physicalized consciousness in the Weyl wormhole parameters of creation, also known as a Quantum Big Bang.

The connection and unification between all forms of energy as derivatives of the source energy of universal consciousness so is found in the Mathimatia of the Universal Logos-Sophia, which utilizes the Euclidean classical geometry of Newton, Maxwell, and Einstein as a consequence from a quantum geometry of Planck, Stoney, and Witten.

It then becomes a quantum acceleration, which forms the basis for a physical definition of the source energy and physicalized consciousness. Angular acceleration of an elementary particle, such as a proton, a neutron, an electron, or a neutrino is known as quantum spin, defined as a half-integer fermionic quantum rotation or as an integer bosonic quantum rotation, multiplied by a constant spacetime parameter called Planck's constant h divided by 2π .

Angular acceleration is, by definition, independent of linear displacement, with the parameter of linear extent being replaced by angular extent. In the quantum geometry of the source energy, the units of measurement or mensuration for the quantum acceleration assume the form of frequency divided by time or the inverse of the square of time, generalized as the time derivative of frequency or df/dt .

Logos Mathimatia or the universal intelligence then defines the parameter df/dt as the unit of spacetime awareness, which, if multiplied by the wormhole volumar of the Weyl string V_{weyl} of the Quantum Big Bang, will define the source energy quantum from first principles as $\{\text{proportionality constant}\} \cdot V_{weyl} \cdot \{df/dt\}_{weyl} = E_{weyl} = hf_{weyl} = m_{weyl}c^2 = k_B T_{weyl}$, in the mathematical formulations for the energy transformations in electromagnetic radiation (Planck) and mass (Einstein) and temperature as kinetic energy (Stefan-Boltzmann) respectively.

The proportionality constant in units of mass/displacement(d) $[kg/m]$ describes Maxwell's Displacement current $i_{maxwell} = ef = ec/d$ in the non-inertial reference frame of the Stoney units of the transformation of the Planck string into the Stoney monopole string.

As the Planck string suppresses the parameter of electric charge 'e' in the Planck displacement or Planck length $L_{planck} = \sqrt{\{hG/2\pi c^3\}}$ and Planck mass $m_{planck} = \sqrt{\{hc/2\pi G\}}$ and the Planck time $t_{planck} = L_{planck}/c = \sqrt{\{2\pi Gh/c^5\}}$ with the Planck energy $E_{planck} = m_{planck} \cdot c^2 = h/t_{planck}$ and Planck temperature $T_{planck} = E_{planck}/k_B = \sqrt{\{hc^5/2\pi Gk_B^2\}}$ from Newton's law for gravitational force $F_{grav} = GMm/R^2$, and from Coulomb's law for electric force $F_{emr} = ke^2/R^2$.

This defines a Planck charge $q_{planck} = \sqrt{\{hc/2\pi ke\}} = \sqrt{\{2\epsilon_0 hc\}} = e/\sqrt{\alpha}$ for a Coulomb electric permittivity constant $\epsilon_0 = 1/\mu_0 c^2$ and a magnetic permeability constant μ_0 from the Maxwell equations for classical electromagnetism and the electromagnetic fine-structure constant $\alpha = 2\pi ke^2/hc$.

The electromagnetic fine-structure constant α becomes the quantity that transforms the Planck units into Stoney units.

The Stoney string suppresses the Planck and Action constant 'h' in the Stoney length $L_{\text{stoney}} = \sqrt{\{G k_e e^2 / c^4\}}$ and a Stoney mass $m_{\text{stoney}} = \sqrt{\{k_e e^2 / G\}}$ and the Stoney time $t_{\text{stoney}} = \sqrt{\{G k_e e^2 / c^4\}}$ with Stoney energy $E_{\text{stoney}} = m_{\text{stoney}} \cdot c^2 = h / t_{\text{stoney}}$ and Stoney temperature $T_{\text{stoney}} = E_{\text{stoney}} / k_B = \sqrt{\{k_e e^2 c^4 / G k_B^2\}}$.

This defines a Stoney charge $q_{\text{stoney}} = e$, the Coulomb charge quantum and defines Planck's constant $h = 2\pi k_e q_{\text{planck}}^2 / c = 2\pi k_e e^2 / c = 2\pi k_e q_{\text{stoney}}^2 / c = \alpha h$ for a unitized fine-structure constant being 1 in Stoney units but being about 1/137 in Planck units using the numerical values for the constants of nature defined in the symbols of the mathematica.

The proportionality constant for the unification of the electromagnetic and gravitational forces or energy interactions so is obtained in the ratio of the Stoney mass to the Stoney displacement or $m_{\text{stoney}} / L_{\text{stoney}} = \sqrt{\{(k_e e^2 / G) / (G k_e e^2 / c^4)\}} = \sqrt{\{c^4 / G^2\}} = c^2 / G$ and the same ratio of the Planck mass to the Planck length in $\sqrt{\{(hc / 2\pi G) / (hG / 2\pi c^3)\}} = \sqrt{\{c^4 / G^2\}} = c^2 / G$.

Maxwell's displacement current for the 'flow of inertia' is quantum gravitationally expressed in the constant c^2 / G_0 and where Newton's gravitational constant G is applied to an inertia-free or massless universe defined in a curvature of 'free space' for the Maxwell definition of the invariance of the speed of light and propagation of electromagnetic waves, and in the formulation $\mu_0 \cdot \epsilon_0 = 1 / c^2$ and fine-structured in the 'free space impedance'.

$Z_0 = |\text{Electric Field Strength } \mathbf{E}| / |\text{Magnetic Field Strength } \mathbf{H}|$

$= \sqrt{\{\mu_0 / \epsilon_0\}} = \sqrt{\{(120\pi / c) / (1 / 120\pi c)\}} = 120 \pi$

In an inertia-free universe without mass, the curvature would become independent of mass, and the displacement parameter would be given in the Stoney length $L_{\text{stoney}} = \sqrt{\{G_0 k_e e^2 / c^4\}}$ where the curvature would be defined in the proportionality constant $\sqrt{\{G_0 k_e\}}$ in units of $\sqrt{\{[Nm^2/kg^2][Nm^2/C^2]\}} = \sqrt{[m^6/s^4 \cdot C^2]} = [m^3/s^2 C]$ and so the units of the gravitational parameter GM divided by the units of Coulomb charge 'e' and the units of spacetime awareness multiplied by the units of a spacetime volume divided by the units of the charge 'e'.

The quantum physics of this formulation enables the Logos mathimatia to unitize both the gravitational parameter GM and the consciousness quantum (proportionality constant) $V_{\text{weyl}} \cdot \{df/dt\} = 1/e^*$ in a definition of e^* being the magnetopolar charge as an inversion of the quantum energy formulations $E = hf = mc^2 = k_B T$. Instead of the unit for electric charge using the Coulomb [C], the magnetic charge uses the Star Coulomb [C*] as the unit of measurement.

This unitization of the units of the Stoney length in the Star Coulomb also unitizes the product of the proportionality constant in the Stoney length as $G_0 k_B = 1$ and therefore unifies the energy interactions of gravitation and electromagnetism on the quantum level of the source energy.

This also redefines the Stoney length as $L_{\text{stoney}} = \sqrt{G_0 k_e e^2 / c^4} = \sqrt{e^2 / c^4} = e / c^2 = \sqrt{\alpha} \cdot L_{\text{planck}} = \sqrt{2\pi k_e e^2 / hc} \cdot \sqrt{h G_0 / 2\pi c^3} = \sqrt{k_e G_0 e^2 / c^4} = e / c^2$.

The Stoney length e/c^2 in the units of displacement of the Planck length, so represents the quantum fluctuation causative for the Quantum Big Bang and the separation of the old heaven from the old earth in a factor of the inverse of the square root of alpha or a numerical factor of about $11.706 = 1/0.0854$ describing the oscillation of the Planck length between a linear displacement value of $\{e/c^2 = 1.784 \times 10^{-36} \text{ m}^*\}$ and $\{\sqrt{h G_0 / 2\pi c^3} = 2.090 \times 10^{-35} \text{ m}^*\}$ in star units (*) derived from the free space impedance where the speed of light is precisely $3 \times 10^8 \text{ [m/s]}^* = 2.99792458 \times 10^8 \text{ [m/s] SI}$.

A fundamental natural law multidimensional universe crystallizes from the definition of the 'free space impedance' $Z_0 = |E/H| = \sqrt{\mu_0 / \epsilon_0} = \sqrt{\{(120\pi/c)/(1/120\pi c)\}} = 120\pi$ in the unitary analysis: $Z_0 = \sqrt{(H/m)/(F/m)} = \sqrt{[Js^2/C^2 m]/[C^2/Jm]} = [Js]/[C^2] = [\text{Action/Charge}^2]$ in Ohms $[\Omega] = [V/I] = [Js/C^2]$ and proportional to $[h/e^2]$ as the 'higher dimensional source' for a manifesting superconductivity of the lower dimensions in the quantum Hall effect ($\sim e^2/h$), the conductance quantum ($2e^2/h$) and the Josephson frequencies ($\sim 2e/h$) in Ohms $[\Omega]$.

This derivation so indicates an electromagnetic cosmology based on string parameters as preceding the introduction of inertial mass in the quantum Big Bang and defines an intrinsic curvature within the higher dimensional (hyperbolic Anti de Sitter intersecting spheroidal de Sitter) universe based on gravitational mass equivalents and their superconducting monopolar current flows.

A massless, but monopolically electromagnetic de Sitter universe would exhibit intrinsic Curvature in gravitational mass equivalence in its property of closure under an encompassing static Schwarzschild metric and a Gravitational String-Constant $G_0 = 1/k_e$ as given in the Maxwellian fine structures in the string space by $k_e = 1/4\pi\epsilon_0 = 120\pi c/4\pi = [30c]_{\text{mod}} = 1/G_0$ in the fine structure unification condition of $G_0 k_e = 1$.

In other words, the Big Bang manifested inertial parameters and the matter content for a subsequent cosmic evolution in the transformation of gravitational 'curvature energy', here called gravita as precursor for inertia into inertial mass seedlings; both however described by the physics of black holes and the associated Schwarzschild metrics.

The Gravitational Finestructure so derives in replacing the Planck-Mass m_{planck} by a proto-nucleonic mass:

$$m_c = \sqrt{hc/2\pi G_0} \cdot f(\alpha) = f(\alpha) \cdot m_{\text{planck}} \text{ and where } f(\alpha) = \alpha^9.$$

The Gravitational Fine Structure, here named Omega, is further described in a five-folded supersymmetry of the string hierarchies, the latter as indicated in pentagonal or five-folded supersymmetry.

This pentagonal supersymmetry can be expressed in a number of ways, such as in a one-to-one mapping of the fine-structure constant Alpha as invariant X from the Euler Identity:

$$X+Y = XY = -1 = i^2 = \exp(i\pi).$$

A Unification Polynomial: $(1-X)(X)(1+X)(2+X) = 1$ or $X^4+2X^3-X^2-2X+1 = 0$ is used to find the coupling ratios: $f(S):f(E):f(W):f(G) = \# : \#^3 : \#^{18} : \#^{54}$ from the proportionality $\# : \#^3 : \{[(\#^3)^2]\}^3 : \{[(\#^3)^2]\}^3 = \text{Cube root}(\text{Alpha}):\text{Alpha}:\text{Cube root}(\text{Omega}):\text{Omega}$.

The Unification polynomial then sets the ratios in the inversion properties under modular duality:

$$(1)[\text{Strong short}]:(X)[\text{Electromagnetic long}]:(X^2)[\text{Weak short}]:(X^3)[\text{Gravitational long}] \text{ as } 1:X:X^2:X^3 = (1-X):(X):(1+X):(2+X).$$

Unity 1 maps as $(1-X)$ transforming as $f(S)$ in the equality $(1-X) = X^2$; X maps as invariant of $f(E)$ in the equality $(X) = (X)$; X^2 maps as $(1+X)$ transforming as $f(W)$ in the equality $(1+X) = 1/X$; and X^3 maps as $(2+X)$ transforming as $f(G)$ in the equality $(2+X) = 1/X^2 = 1/(1-X)$.

The mathematical pentagonal supersymmetry from the above then indicates the physicalized T-duality of M-theory in the principle of mirror-symmetry and which manifests in the reflection properties of the heterotic string classes $HO(32)$ and $HE(64)$ as the 3rd and 5th string classes, respectively.

Defining $f(S) = \# = 1/f(G)$ and $f(E) = \#^2.f(S)$ then describes asymmetry breaking between the 'strong S' $f(S)$ interaction and the 'electromagnetic E' $f(E)$ interaction under the unification couplings.

This couples under modular duality to $f(S).f(G) = 1 = \#^{55}$ in a factor $\#^{53} = f(S)/f(G) = \{f(S)\}^2$ of the 'broken' symmetry between the long-range and the short-range interactions.

SEWG = 1 = Strong-Electromagnetic-Weak-Gravitational as the unified supersymmetric identity then decouples in the manifestation of string-classes in the de Broglie 'matter wave' epoch termed inflation and preceding the Big Bang, the latter manifesting at Weyl-Time as a string-transformed Planck-Time as the heterotic $HE(64)$ class of the Twin-Bipolaron.

As SEWG indicates, the Planck-string (class I, which is both open-ended and closed), the first transformation becomes the suppression of the nuclear interactions $sEwG$ and describing the self-dual monopole (string class IIB, which is loop-closed in Dirichlet brane attachment across dimensions, say Kaluza-Klein R^5 to Minkowski R^4 or Membrane-Space R^{11} to String Space R^{10}).

The monopole class so 'unifies' E with G via the gravitational fine structure, assuming not a Weylian fermionic nucleon, but the bosonic monopole from the $k_e G_0 = 1$ initial-boundary condition $G_0 m_{\text{Monopole}}^2 = k_e e^2$ for $m_{\text{Monopole}} = e/G_0 = k_e e = 30ec = m_{\text{planck}}.\sqrt{\alpha}$.

The Planck-Monopole coupling so becomes $m_{\text{planck}}/m_{\text{monopole}}=m_{\text{planck}}/30[ec]_{\text{mod}}=1/\sqrt{\alpha}$ with $f(S) = f(E)/\#^2$ modulating $f(G) = \#^2/f(E)=1/\# \leftrightarrow f(G)\{f(S)/f(G)\} = \#$ in the symmetry breaking $f(S)/f(G) = 1/\#^{53}$ between short (nuclear asymptotic) and long (inverse square).

The short-range coupling becomes $f(S)/f(W)=\#/\#^{18}=1/\#^{17}=\text{Cube root}(\alpha)/\alpha^6$ and the long-range coupling is $\alpha/\Omega=1/\alpha^{17}=\#^3/\#^{54}=1/\#^{51}=1/(\#^{17})^3$.

The strong nuclear interaction coupling parameter so becomes about 0.2 as the cube root of α and as measured in the standard model of particle physics in the form of an energy dependent 'running coupling constant' and which takes a value of $\alpha_z = 0.1184$ at the energy level of the Z_0 weakon at about 92 GeV.

The monopole quasimass $[ec]_{\text{mod}}$ describes a monopolar source current ef from the unification identity $1/e \cdot f_{\text{ps}} = h = E \cdot f_{\text{ps}}$ as a fine structure for Planck's constant h , manifesting for a displacement $\lambda = c/f$. This is the GUT unification energy of the Dirac Monopole at precisely $[c^3]$ eV or 2.7×10^{16} GeV and the upper limit for the Cosmic Ray spectra as the physical manifestation for the string classes: I, IIB, HO(32), IIA and HE(64) in order of modular duality transmutation.

The transformation of the Monopole-string into the XL-Boson string decouples Gravity from sEwG in sEw.G in the heterotic superstring class HO(32). As this heterotic class is modular dual to the other heterotic class HE(64), it is here, that the proto nucleon mass is defined in the modular duality of the heterosis in: $\Omega = \alpha^{18} = 2\pi G_0 m_c^2 / hc = m_c^2 / m_{\text{planck}}^2$.

The HO(32) string bifurcates into a quarkian X-part and a leptonic L-part, so it renders the bosonic scalar spin as fermionic half spin in the continuation of the 'breaking' of the supersymmetry of the Planckian unification. Its heterosis with the Weyl-string then decouples the strong interaction at Weyl-Time for a Weyl-Mass m_W , meaning at the time-instanton of the end of inflation or the Big Bang in sEw.G becoming s.Ew.G.

The X-Boson then transforms into a fermionic protonucleon triquark-component (of energy $\sim 10^{-27}$ kg or 560 MeV) and the L-Boson transforms into the proto-muon of energy about 111 MeV.

The last 'electroweak' decoupling then occurs from about 1/365 to 1/140 seconds after the Big Bang, at a temperature of about 1.68×10^{15} K to 3.4×10^{15} K and at the Fermi-Expectation and 'Higgs Boson' energy of about 298 GeV.

A Bosonic decoupling preceded the electroweak decoupling about 2 nanoseconds into the cosmogenesis at the Weyl-temperature of $T_{\text{weyl}} = T_{\text{max}} = E_{\text{weyl}}/k_B = E_{\text{ps}}/k_B = 1.4 \times 10^{20}$ K as the maximum Black Hole temperature maximized in the Hawking MT modulus and the Hawking-Gibbons formulation: $M_{\text{critical}} T_{\text{min}} = \frac{1}{2} m_{\text{planck}} T_{\text{planck}} = (hc/2\pi G_0)(c^2/2k_B) = hc^3/4\pi k_B G_0$ for $T_{\text{min}} = 1.4 \times 10^{-29}$ K and Boltzmann constant k_B .

The Hawking Radiation formula results in the scaling of the Hawking mass modulus by the factor of the 'Unified Field' spanning a displacement scale of 8π radians or 1440° in the displacement of $4\lambda_{ps}$.

The XL-Boson mass is given in the quark-component:

$m_X = \#^3 m_W/[ec] = \text{Alpha}.m_W/m_{\text{planck}} = \#^3\{m_W/m_{\text{planck}}\} \sim 1.9 \times 10^{15} \text{ GeV}$; and the lepton-component:
 $m_L = \text{Omega}.[ec]/\#^2 = \#^{52} [ec/m_W] \sim 111 \text{ MeV}$.

It is this lepton component which necessitates the existence of the muon (and the tauon and their neutrino partners as constituents of the weak interaction gauge bosons) as a 'heavy electron', as the quantum geometry defines the muon mass in a decoupling of the L1 energy level given in a quark hierarchy and based on a quantum geometry of quantum relativity.

The definition of quantum consciousness is so obtained in the definition of magnetopolar charge $e^* = 1/E_{\text{weyl}} = 1/E_{ps}$ in the units of the Stare Coulomb being the measurement of inverse energy as the inversion of the unit for energy in the Joule as $[J = \text{kgm}^2/\text{s}^2]^* = [1/C^*]$.

For the parameters of the electron of mass $m_e = k_B e^2 / R_e c^2 = h\alpha / 2\pi c R_e$ and classical displacement $R_e = k_B e^2 / m_e c^2$ and the Compton constant $m_e R_e = k_B e^2 / c^2 = h\alpha / 2\pi c = \alpha \cdot L_{\text{planck}} \cdot m_{\text{planck}} = L_{ec} \cdot m_{ec}$ for monopolar distribution of electron masses and as a consequence of the Planck length oscillation as a minimum spacetime configuration causative for the Quantum Big Bang.

The subscript 'ec' denotes the Grand-Unification monopole mass as the second string class where mass $m = E/c^2 = hf/c^2 = h/\lambda c = h/(ec/c^2) = hc/e = [\text{Action}].c/e = [e^2]c/e = [ec]_{\text{mod}}$ of $4.818 \times 10^{-11} \text{ kg}^*$ as the Dirac monopole of the GUT energy in electronvolt as $[ec]_{\text{mod}}.c^2 = [c^3] \text{ eV}^*$.

The Compton constant defines the inverse proportionality between the 'size' of the electron from point-like at the Compton wavelength radius of 10^{-22} m^* to its maximized extent at $R_e = 2.777 \times 10^{-15} \text{ m}^*$ as a function of its mass in $m_{ec}, L_{ec} = h/2\pi c$, relative to $m_e R_e = h\alpha / 2\pi c$, with $L_{ec} = R_e$ being the characteristic displacement scale for the weak nuclear interaction as the magnetic asymptotic confinement scale of the gluon-quark interactions, emerging in a kernel-inner mesonic ring-outer leptonic ring quantum geometry for the subatomic quantum mechanics of the elementary particles of the Standard Model.

For the minimized classical Weyl-size of the electron at a wavelength of 10^{-22} m^* , the Compton constant defines an effective mass of $m_{ec} = h/2\pi c (R_{\text{weyl}}) = h/c (10^{-22}) = 2.22 \times 10^{-20} \text{ kg}^*$ for $L_{ec} = R_{\text{weyl}}$, which is the Weyl wormhole mass $m_{\text{weyl}} = m_{ps} = E_{ps}/c^2$.

The Heisenberg uncertainty principle relating energy with time and displacement with momentum in the expression $\Delta E \cdot \Delta t = \Delta x \cdot \Delta p \geq h/4\pi$ applied to the quantum mechanical scale of de Broglie wave matter $\lambda_{dB} = h/mv$ and the Compton mass-photon interaction $\Delta x = r_{\text{compton}} = h/2\pi cm$ shows a natural limit for the measurement of position in $\Delta p = \Delta mv \geq h/4\pi \Delta x = \frac{1}{2} mc$.

When Δp exceeds mc , then ΔE exceeds mc in the Energy-Momentum relation $E^2=(pc)^2+(mc^2)^2$ and we can apply this natural limitation on measurement to the position of the electrostatic electron mass in a variable classical electron radius as

$r_{ec}=\alpha h/2\pi cm=\alpha r_{compton}=\{\mu_0 e^2 c/2h\} \cdot \{h/2\pi cm_{ec}\} = \mu_0 e^2/4\pi m_{ec}$ and rendering the Compton mass-photon interaction modified in the electromagnetic fine structure constant α to relate the inverse proportionality between the electron's rest mass to its spatial extent in:
 $m_e R_e = \text{Compton constant} = \alpha h/2\pi c = l_{planck} \cdot \alpha \cdot m_{planck} = m_{ec} f_{ec}$

The Compton constant ensures Lorentz invariance across all reference frames in cancelling the length contraction with the relativistic mass increase in the product of the proper length l_0 and the proper rest mass m_0 as $l_0 \cdot m_0 = l_0 \gamma \cdot m_0 / \gamma$ in special relativity (SR) in the self-relative reference frame of the monopolar electron and with $\gamma = 1/\sqrt{1-v^2/c^2}$.

Relating the classical maximized electron radius to its minimized form as $r_{ps} = \lambda_{ps}/2\pi$ crystallizes an expression relating the form of linearized π applied for de Broglie matter waves to the geometric form used in the Compton mass-photon interaction using the 2π factor in its formulation of $r_{ec} = \alpha h/2\pi cm$. This expression is $360 \cdot R_e/2\pi = 10^{10} R_{ps}$ indicating a conformal mapping of the string scale onto the classical electron scale.

The consciousness quantum relation then transforms into

$E_{ps} = 1/e^* = m_{ps} c^2 = h f_{ps} = hc/\lambda_{ps} = hc/2\pi R_{ps} = \{hc\} \{10^{10}/360 R_e\} = \{3 \times 10^8 / 15 \times 10^{32}\} \{10^{10}/360 R_e\} = 1/\{18 \times 10^{16} \cdot R_e\} = 1/\{2 R_e \cdot c^2\} = 1/e^*$ and defining the source energy quantum in using the algorithmic integer based definitions of constants $h = 1/15 \times 10^{32} \text{ [Js]}^*$ with $c^2 = 9 \times 10^{16} \text{ [m}^2/\text{s}^2]^*$ and $c = 3 \times 10^8 \text{ [m/s]}^*$ as

$e^* = \{\text{Maximized Electron Diameter}\} \times \{\text{Lightspeed squared}\} = 2 R_e c^2 = 1/E_{ps}$ in units of the Star Coulomb and as the inverse or reciprocal of the source energy quantum $E_{weyl} = E_{ps}$.

The evolution of the universe in an oscillating spacetime and the age of the earth

Newton's gravitational constant is allowed to vary and decrease over time as a function of The change in the universal inertia, increasing inverse proportionality, and the transformation of source energy into physically expressed units of quantum consciousness in the gravitational parameter $GM=G_0 M_0=G(n)M(n)$ and a dimensionless cycle time.

The cycle time parameter n is defined as $n=H_0 t=ct/R_H$ defining the invariant light path $X=ct$ as a scale factor for the size of the universe defined at cycle time coordinate n in a nodal minimum. The Hubble constant, defined as the instantaneous rate of expansion and varying between odd and even nodes for a maximized Hubble constant $H_0 = dn/dt$, is the inflation of creation in the first semi- oscillation of protoverse as a first seedling universe.

An electromagnetic return of the source light traversing the light path $X=ct$ in the 11-dimensional and higher-dimensional universe so gives birth to a second, but concurrent universe within the omniverse as a multiverse after the completion of the light path of creation has reached the nodal boundary set at the instanton of the Weyl wormhole frequency in the cosmology of the Quantum Big Bang.

The electromagnetic monopolar source light both reflects and refracts its path from the maximized Hubble H_0 -boundary of the inflaton.

The refracted light path then increases the size of the bounding omniverse in the addition of wormhole quanta defined in the quantum of universal consciousness, and the light path reflected from the 11-dimensional Witten spacetime mirror retraces the light path travelled from the instanton node to the inflaton node as the initial boundary conditions of the multi- dimensional cosmology.

The lower-dimensional expansion of the universe is continually decelerating in a parametrization of the wormhole parameters applied to the multitudinous form of the. Volumes occupying the 10 dimensional string universe; but the electromagnetic retracing of the original light path will intersect itself and cause the measurements of cosmological expansion as a redshift of the light observed to appear as a cosmological contraction and a contraction which will also be observed as a universe accelerating its own expansion.

At a present cycle time of $n=1.1327117 \dots$ and a nodal $n=1$ for $t_{\text{present}}=1/H_0$, the electromagnetic return of the monopolar light path has retraced 13.271 % of the Hubble event horizon defined in $R_H=ct=c/H_0$ of about 16.9 billion lightyears for a fraction of 2.24 billion lightyears, indicating that the electromagnetic monopolar age of the universe is $16.876+2.240=19.116$ billion lightyears; but that this will be measured in the gravitationally decelerating cosmology as $19.12-4.48=14.64$ billion lightyears.

As the age of the earth is near the doubled light path of the self-intersection in 4.48 billion years added to a doubled interval of a variation in the alpha finestructure constant in 28.6 million years, the age of the earth is $4.48+0.056=4.536$ billion years.

Alpha remains constant for a cosmology descriptive of a non-accelerating cosmology; but will result in a change in the electric charge quantum in a cosmology, which measures an accelerated spatial expansion, which is however the result of a self-intersection of the light path for particular cosmological redshift intervals in an oscillating cosmology.

Here a particular alpha variation reduces the SI-measurement for the square of the charge quantum e in a factor of $(1.6021119 \times 10^{-19} / 1.60217662 \times 10^{-19})^2 = 0.99991921...$ for a calibrated: alpha variation $\alpha_{\text{var}} = 1 - (1.602111895 / 1.60217662)^2 = 1 - 0.9999192 = 8.08 \times 10^{-5}$ with

$$\alpha = \mu_0 e^2 / 2h = e^2 / 2\epsilon_0 hc = 2\pi \cdot (2.99792458) (1.602111895)^2 \times 10^{-37} / (6.62607004 \times 10^{-34}) = 60\pi e^2 / h = 7.296762965 \times 10^{-3} = 1/137.0470721.$$

As the electropolar charge quantum appears squared in the Alpha-Constant, the Alpha-variation so becomes (1.0000807), with the old value of (e') exceeding the new value of (e) in so 4 parts in 100,000 and $[\text{Alpha}]'$ greater in magnitude than Alpha by 81 parts in a million and in agreement with the Churchill-Webb measurements of 1998, increasing from Alpha = $\mu_0 c \cdot e^2 / 2h = 1/137.047072$ to Alpha = $1/137.036003$.

Measuring Alpha even further back towards the Quantum Big Bang with increasing redshift, would better approximate the 80 parts per million increase in Alpha from say lower deviations at the say 8 parts per million at lower redshifts. So, the Alpha-Dip indicates that the textbook SI value for the electropole is fractionally too high; but the Alpha Finestructure-Constant remains constant once the variation in the electronic charge quantum is considered.

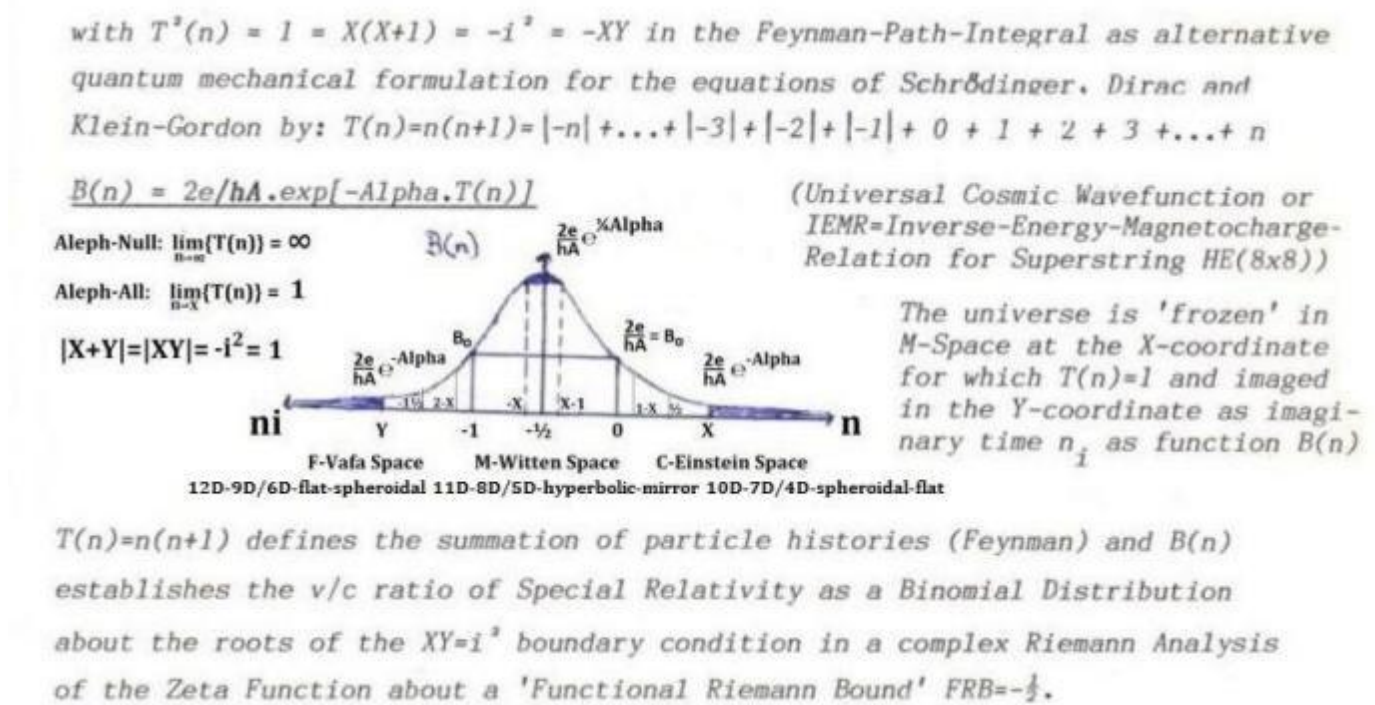
Because the magnetic permeability constants are numerically the same in both the (SI) and the (*) unitary measurement systems; but $\epsilon_0 = 1/120\pi c = 8.841941283 \times 10^{-12} \text{ (F/m)}^*$ and is $\epsilon_0 = 8.8541878176 \times 10^{-12} \text{ F/m (SI)}$, the (SI) measurement is too large by a factor of 1.00138505 to correlate correctly with the magnetic permeability constant μ_0 to give the Maxwell constant $\mu_0 \times \epsilon_0 = (120\pi/c) \cdot (1/120\pi c) = 1/c^2$.

In the attempt to explain the Alpha-Dip, some theorists have proposed a 'slowing down' of the speed of light (c). Recent formulations by populist physicist Paul Davies and in co-authorship with Tamara Davis and Charles Lineweaver from the Department of Astrophysics at the University of New South Wales, Sydney, Australia have followed the wrong avenues for the interpretation of the data, however. In a paper published in ('Nature': 'Black Holes constrain varying constants'; August 8th, 2002), the authors propose a varying lightspeed to be responsible for the Alpha-Dip and discount any possible variation in the electric charge quantum.

Davies' argument that an increase in (e) would alter the evolution of black holes in their entropic definitions does not consider that a product of the Boltzmann constant (defining entropy), with (e) forms a fundamental fine-structured constant in its own right.

In particular, the universe's wavefunction $B(n)$ is localized in any arbitrary spacetime in 'unfreezing' the M-space 'stuck' in between the (X,Y) coordinates and subsequently in between real and imaginary linearized time parameters. This demands the establishment of a Mea n - Alignment-Time or MAT, relative to a 'unfreezing definition' in a specification of the 'naked singularity', oscillating as zero-point about the FRB.

As $E^*.e^* = E_{ps}x1/E_{ps} = 1$ as fundamental unity in the 11D Membrane-Mirror-Space of modular duality with e^* the magnetic charge; one can heuristically claim an inverse temperature parameter $1/T$ for Unity $E_{ps}e^* = 1$ quantum entangling the lower dimensional electropole Coulomb charge quantum e with a higher dimensional magnetopole Dirac charge quantum e^* .



This then sets $E \cdot e = k_B T = 1$ for $[ek_B] = 1/T$ and using an inverse proportion for mass in the lower dimensionality: $[e^*k_B^*] = 1/T^*$ sets a function $f(n) = [ek_B]/[e^*k_B^*] = [T^*/T]$.

This is the case for the Mass-Temperature inverse proportionality for the evolution of Black Holes from microstates to macro states and as in the Hawking Mass-Temperature relation for Black Holes and relabeling the Weyl string as the primary source-sink 'ps' high-frequency with small wavelength part of the modular dual 11-dimensional supermembrane E_{ps} , and with the secondary sink-source 'ss' being the low-frequency with large wavelength part of the Witten supermembrane E_{ss} .

Then the Minimum Planck Oscillator $E_{planck}^0 = \frac{1}{2} h f_{planck} = \frac{1}{2} m_{planck} \cdot c^2$ for $T_{max} = T_{ps}$ and $T_{min} = T_{ss}$ in string modular T-duality for $\frac{1}{2} m_{planck} \cdot T_{planck} = (1/8\pi)(4\pi) \cdot m_{planck} \cdot T_{planck} = \text{Hawking Modulus}$
 $HM = hc^3/4\pi G_0 k_B = M_{BHmin} \cdot T_{BHmax} = \{c^2/4\pi^2\} \cdot M_{BHmax} \cdot T_{BHmin}$.

$B(n)$ is assigned $B(n_{\text{present}}) = \{[e k_B](SI)/[e k_B](*)\}$, with $\{[e k_B](SI) = \text{constant} = (1.60217662 \times 10^{-19} \text{ C})(1.380649 \times 10^{-23} \text{ J/K}) = 2.21204355 \times 10^{-42} \text{ CJ/K}\}$ and using the old (SI) value with the Alpha-Variation for (e') .

Using $(e^\pm = 1.6021119 \times 10^{-19} \text{ C})$ without the Alpha-Variation gives $\{[e k_B](SI)\} = 2.21195419 \times 10^{-42} \text{ CJ/K}\}$.

The $(*)$ -constant is a relatively fixed constant as: $(e^\pm * k_B * = 2.267869086 \times 10^{-42} \text{ (CJ/K)}^*)$ and subsequently $B(n_{\text{present}})$ calculates a particular value for n at the asymptote $B(n \Rightarrow \pm\infty) = 0$ for $e = 1.606456344 \times 10^{-19} \text{ C}^*$.

$\{[e^\pm k_B](SI)/[e^\pm k_B]^*\} = (2.21204355/2.267869086) = 0.975384145 = [2e/hA] \cdot \exp(-[\text{Alpha}]x[n_{\text{present}}^2 + n_{\text{present}}])$, which yields a unique (n_{present}) as a complex solution to the quadratic equation by $\ln(0.975384145/0.992729803) = \{\ln(0.982527312)\} = \{-\text{Alpha}\}\{n_{\text{present}}^2 + n_{\text{present}}\}$ for $2.415747501 = n_{\text{present}}^2 + n_{\text{present}}$ for: $n_{\text{present}}^2 + n_{\text{present}} - 2.415747501 = 0$ and solving as: $(n_{\text{present}} = \text{FRB}(-\frac{1}{2}) \pm 1.6327117)$.

$\{[e^\pm k_B](SI)/[e^\pm k_B]^*\} = (2.21195419/2.267869086) = 0.975344742 = [2e/hA] \cdot \exp(-[\text{Alpha}]x[n_{\text{present}}^2 + n_{\text{present}}])$, which yields a unique (n_{present}) as a complex solution to the quadratic equation by $\ln(0.975344742/0.992729803) = \{\ln(0.98248762)\} = \{-\text{Alpha}\}\{n_{\text{present}}^2 + n_{\text{present}}\}$ for $2.421284031 = n_{\text{present}}^2 + n_{\text{present}}$ for: $n_{\text{present}}^2 + n_{\text{present}} - 2.421284031 = 0$ and solving as: $(n_{\text{present}} = \text{FRB}(-\frac{1}{2}) \pm 1.634406324)$.

For the unfrozen M-space with Alpha-Variation:
 $\{10D\text{-root: } n_{\text{present}} = 1.1327117 \text{ (real)} \ \& \ 12D\text{-root: } n_{\text{present}} = -2.1327117 \text{ (imaginary)}\}$.

For the unfrozen M-space without Alpha-Variation:
 $\{10D\text{-root: } n_{\text{present}} = 1.1344063 \text{ (real)} \ \& \ 12D\text{-root: } n_{\text{present}} = -2.1344063 \text{ (imaginary)}\}$.

The difference in the present n_p cycle-time coordinate so becomes $1.634406324 - 1.6327117 = 0.001694624$ as $0.001694624/H_0 = 9.02486387 \times 10^{14} \text{ s}^*$ or 28.59865512 Million civil years.

This 'unfreezing' of M-space then allows the singularity algorithm of the cosmogenesis to manifest in what might be called the sex chromosomes of the universal DNA-encoding in terms of frequency or a number count. A new physical quantity in 'awareness' is defined as the time derivative of frequency, which allows the concept of 'consciousness' to be derived from the defining qualities of magnetoelectric charges.

Quantum Consciousness in the Penrose-Hameroff Model

Cosmological relevance of microtubules to the size of the electron as conformal wormhole quantization in quantum geometry

View: <https://www.youtube.com/watch?v=Xx0SsffdMBw>

View: <https://www.youtube.com/watch?v=jXBfXNW6Bxo>

The number of microtubules in the Hameroff-Penrose model for physicalized consciousness can be related to the actual scale of the classical electron radius and the cosmological spacetime matrix.

Using this conformal mapping from the Quantum Big Bang 'singularity' from the electric charge in brane bulk space as a magnetoelectric charge onto the classical spacetime of Minkowski and from the Planck parameters onto the atomic-nuclear diameters in $2R_e c^2 = e^*$ from the Planck length conformally maps the Planck scale onto the classical electron scale.

A conformal scale of 2.5 fm, which is close to the classical electron radius of about 2.8 fermi and as defined in the alpha electromagnetic fine structure and the related mass-charge definition for the eigen energy of the electron in $m_e c^2 = k_e e^2 / R_e$.

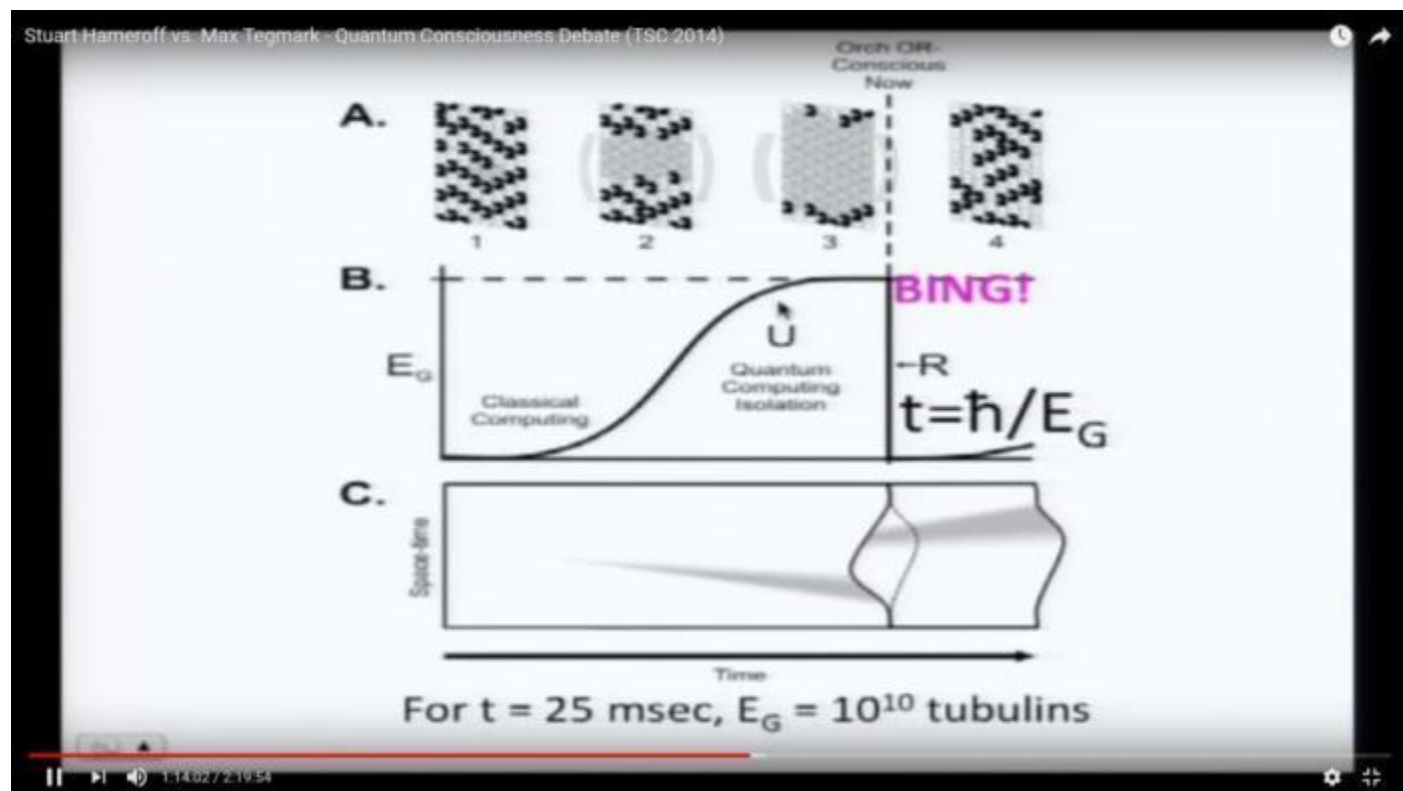
Applying $E_G = \hbar/t$ to microtubule quantum computing terminated by OR

Gravitational self-energy E_G of a superpositioned tubulin is given by $E_G = Gm^2/a_c$ where a_c is the superposition separation distance, a carbon nucleus sphere radius equal to 2.5 fermi distances (2.5 femtometers, 2.5×10^{-15} meter)

For $t = 50$ msec (gamma synchrony), E_G of 10^{10} superpositioned tubulins is required

Hameroff and Penrose, 1996

Also in a model of quantum relativity (QR), there is a quantization of exactly 10^{10} wormhole 'singularity-bounce' radii defining the radian-trigonometric Pi ratio as $R_{\text{wormhole}}/R_{\text{electron}} = 360/2\pi \cdot 10^{10}$ or $10^{10} = \{360/2\pi\}\{R_e/R_{\text{wormhole}}\}$ as a characteristic number of microtubules in a conformal mapping from the classical electron space onto the 'consciousness' micro-space of the neuron-cell intermediate between the Hubble scale of 10^{26} m and the Planck scale of 10^{-35} m as geometric mean of 10^{-4} to 10^{-5} meters.



The geometry of the architecture of the microtubules and the nature of their construction utilizing the pentagonal quasi-crystalline pattern in its application, so maximizes the compression of information in the Fibonacci geometrical pattern-sequencing.

This then results in the conformal mapping of this geometry as a quantum geometry and defines physical consciousness as a conformal mapping of the quantum of spacetime in the form of Weylian 'Quantum Big Bang' wormholes of the cosmogenesis.

The pre-Big Bang 'bounce' of many models in cosmology can be found in a direct link to the Planck-Stoney scale of the 'Grand-Unification-Theories'.

In particular, it can be shown that the square root of alpha, the electromagnetic fine structure constant α , multiplied by the Planck length results in a Stoney transformation factor $L_P \sqrt{\alpha} = [e/c^2]_{\text{mod}}$ in a unitary coupling between the quantum gravitational and electromagnetic fine structures $\{G_0 k=1$ and representing a conformal mapping of the Planck length onto the scale of the 'classical electron' by superposing the lower dimensional inertia coupled electric charge quantum 'e' onto a higher dimensional quantum gravitational-D-brane magnetopole coupled magnetic charge quantum e^* .

' e^* ' = $2R_e.c^2 = 1/hf_{ps} = 1/E_{\text{Weyl}}$ wormhole, through the application of the Mirror and T-duality of super membrane $E_{ps} E_{ss}$ of the heterotic string class $HE(8 \times 8)$.

This boundary condition on a universal black hole evolution can be based on the definition of physical consciousness and the magnetic charge as the E_{ps} -gauge photon or as the parameter space of the Twin-Bipolaron, acting as the prime agency in a Unified Field-Of-Quantum Relativity or UFOQR.

As the magnetic charge $e^* = 1/hf_{ps}$ in the units of the Stare Coulomb could be written as $[C^*] = [m^3/s^2]^*$; the gravitational parameter GM in the same units $[Nm^2/kg^2].[kg] = [m^3/s^2]$ could be used for the purpose to relate the volume occupied by a Black Hole to the ubiquitous nature of physical consciousness as permeating spacetime itself.

This is mathematically expressed in the Fibonacci sequence and the Euler Identity.

The FRB or Functional-Riemann-Bound in Quantum Relativity is basic to the pentagonal string/brane symmetries and is defined in the renormalization of a wavefunction $B(n) = (2e/hA).exp(-\alpha.T(n))$, exactly about the roots X and Y, which are specified in the unifying condition of the Euler Identity:

$$XY = X+Y = i^2 = -1 = \cos(\pi) + i\sin(\pi) = e^{i\pi}$$

$$X = \frac{1}{2}(\sqrt{5}-1) = 0.618033 \dots \text{ and } Y = -(X+1) = -\frac{1}{2}(\sqrt{5}+1) = -1.618033 \dots$$

$-X(X-1) = 0.236067 \dots$ in analogue to $X(X+1) = 1 = T(n)$ and $XY = X+Y = -1 = i^2$ as the complex origin.

The Cosmic Wavefunction in the UFOQR is the following Differential Equation:

$$dB/dT + \alpha B(n) = 0;$$

α being Alpha, the Electromagnetic Fine structure as the probability of light-matter interaction ($\sim 1/137$).

This has a solution:

$B(n) = B_0 \cdot \exp[-\alpha \cdot T(n)]$; $B_0 = 2e/hA$ from QR boundary conditions defining:

$T(n) = n(n+1)$ as the Feynman Path-Summation of particular histories under the pentagonal supersymmetry given in the (Euler) identity:

$XY = X+Y = -1 = i^2 = \exp[i\pi]$ and for the limiting condition: $\lim [n \rightarrow X] \{T(n)\} = 1$

This allows the Normalization of the $[\Psi]^2$ wavefunction to sum to unity in $B(n) = (2e/hA) \cdot \exp[-\alpha \cdot n(n+1)]$ with Functional Riemann Bound $FRB = 1/2$, centered on the interval $[Y, \dots -1, \dots -X, \dots -1/2, \dots (X-1), \dots 0, \dots X]$.

Interval $[Y, -1]$ sets F-Space; interval $[-1, 0]$ sets M-Space with uncertainty interval $[-X, (X-1)]$ and interval $[0, n]$ sets the C-Space, encompassing Omni-Space.

$n < 0$ is imaginary as real reflection of real $n > 0$ of the C-Space, metrically defined at the coordinate $n=0$ mapping $n=n_{ps}$, which is the Instanton $t_{ps}=f_{ss}=1/f_{ps}$.

Cycle time n is defined in GR as dimensionless Tau(τ)-Time in curvature radius $R_c = c \cdot dt/d\tau$ for the pathlength of $x=ct$ and becomes $dn/dt = H_0$, $n = H_0 t$ in QR, with H_0 the nodal Hubble Constant defined in $c = H_0 R_{max} = \lambda_{ps} \cdot f_{ps}$.

The Feynman Path so sums both negative and positive integers as:

$-n \dots -3 \dots -2 \dots -1 \dots 0 \dots 1 \dots 2 \dots 3 \dots n = T(n)$ in absolute value to double the infinities as the entropy reversal of light path $x=ct=(-c)(-t)$ in the Möbius Property of the 4 worlds as outlined in the 13 dimensions of the time connectors.

Cantor Cardinality Aleph-Null is thus Unitized in Aleph-All, counting infinities as if they were integers of the Feynman Path.

This allows the Feynman interpretation of Quantum Mechanics as alternative to the Formulations of Schrödinger (fermionic $1/2$ spin) and Klein-Gordon (bosonic integer spin) in time independent and time-dependent (the free particle form is inconsistent with SR in Schrödinger in 1st order time & 2nd order x displacement), formulations, respectively, to be presented.

The units of $B(n)$ are $1/J$, that is, Inverse Energy, with A^2 an algorithmic constant defining Current-Squared and $2e/h$ the Josephson Constant in Amperes/Joules.

$B(n)$ as the universal cosmic wavefunction describes the universe as a potentially infinite collection of 'frozen' wormhole eigenstates at $n=0$.

The time Instanton 'unfreezes' one such eigenstate and activates the proto-universes described in an arbitrary local time calibration, say November 4th, 1996; Canberra, Australia, local time, as an example to 'measure' universal time, say in cosmic seconds s^* , backwards in time

This then allows the 'Mappings' of the C-Space 'real-time $n > 0$ ' from the F-Space of the 'imaginary time $n < -1$ ' under the utility of the M-Space interval as 'mirror-space'.

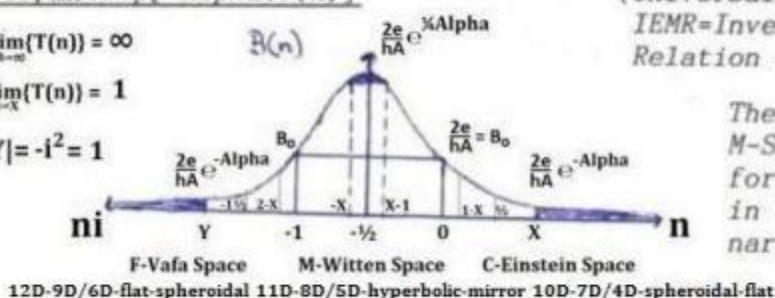
with $T^2(n) = 1 = X(X+1) = -i^2 = -XY$ in the Feynman-Path-Integral as alternative quantum mechanical formulation for the equations of Schrödinger, Dirac and Klein-Gordon by: $T(n) = n(n+1) = |-n| + \dots + |-3| + |-2| + |-1| + 0 + 1 + 2 + 3 + \dots + n$

$$B(n) = \frac{2e}{hA} \cdot \exp[-\text{Alpha} \cdot T(n)]$$

$$\text{Aleph-Null: } \lim_{n \rightarrow \infty} T(n) = \infty$$

$$\text{Aleph-All: } \lim_{n \rightarrow -\infty} T(n) = 1$$

$$|X+Y| = |XY| = -i^2 = 1$$



(Universal Cosmic Wavefunction or IEMR=Inverse-Energy-Magnetocharge-Relation for Superstring HE(8x8))

The universe is 'frozen' in M-Space at the X-coordinate for which $T(n)=1$ and imaged in the Y-coordinate as imaginary time n_i as function $B(n)$

$T(n)=n(n+1)$ defines the summation of particle histories (Feynman) and $B(n)$ establishes the v/c ratio of Special Relativity as a Binomial Distribution about the roots of the $XY=i^2$ boundary condition in a complex Riemann Analysis of the Zeta Function about a 'Functional Riemann Bound' $FRB=-\frac{1}{2}$.

A new physical quantity in 'awareness' is defined as the time derivative of frequency and allows the concept of 'consciousness' to be derived from the defining qualities of magnetocharges.

Electro-magneto-monopolar 'Life' derives as a consequence of self-inductions of quantum geometric entities, specified from supermembranes, macro-crystallized in electropolar self-capacitances and magnetopolar self-inductances, subsequently becoming subject to mutual cross-inductances.

The purpose of the superbranian self-replication on ever increasing scales, and until modular duality is reached in minmax boundary conditions; is to establish the multiversal nesting of the smallest within the largest - a process which constituted the beginnings of it all in the 'naked singularity' becoming defined as the Genesis BOSON in the Mathimatia of the Logos of Abba as the 'Modus Operandi' of Creation.

In the DNA

The DNA molecule, the program for all life, is based on the Golden section. It measures 34 angstroms long by 21 angstroms wide for each full cycle of its double helix spiral. 34 and 21, of course, are numbers in the Fibonacci series and their ratio, 1.6190476 closely approximates Phi, 1.6180339. It is interesting to note as the technology improves and we get more accurate dimensions the ratio keeps getting closer to phi. It now appears that the ratio of the width to the vertical offset may also converge to the same ratio.

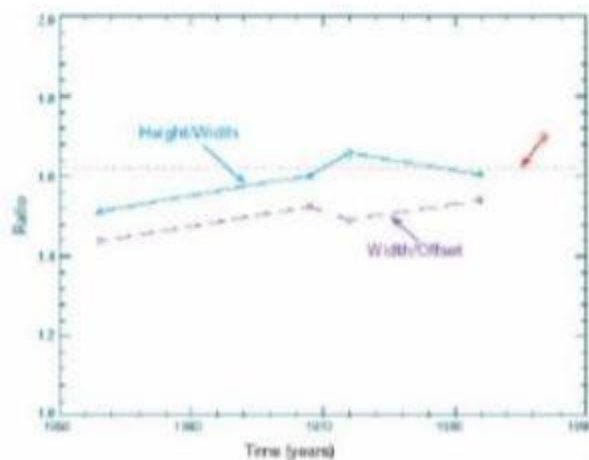


Figure 1

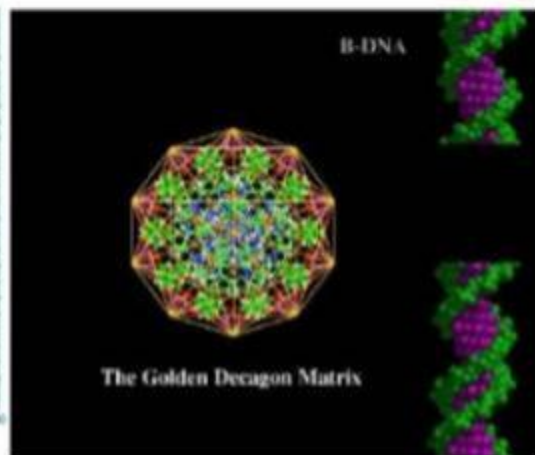


Figure 2

Figure 2 shows how a cross-section of the DNA perfectly fits into a decagon formed of golden elements.

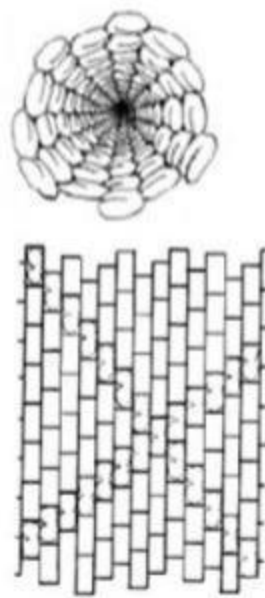
The ratio becomes apparent in the frequency of bases in the DNA. Selvam (2002) using statistical tools has shown that the frequency of A,T,C,G bases in the *Drosophila* genome. His paper reads:

"The observed fractal frequency distributions of the Drosophila DNA base sequences exhibit quasicrystalline structure with long-range spatial correlations or self-organized criticality... The dominant peak periodicities are functions of the golden mean."

This way non-reductionist studies are opening new avenues for science to explore.

In the Cell structure

The ratio appears in certain very important structures of the cell. The hexagonal pattern of microtubules exhibits the Fibonacci feature and it is found that this pattern is made up of 5 right-handed and 8 left-handed helical arrangements.



View down a microtubule! The $5 + 8 = 13$ spiral arrangement of the tubulins in this microtubule can be seen.

Imagine a microtubule slit along its length, and then opened out flat into a strip. We find that the tubulins are ordered in sloping lines which rejoin at the opposite edge 5 or 8 places displaced (depending upon whether the lines slope to the right or to the left).

It is curious, also, that the double microtubules that frequently occur seem normally to have a total of 21 columns of tubulin dimers forming the outside boundary of the composite tube - the next Fibonacci number. Koruga (1974) argues for a special efficiency in the case of Fibonacci-number-related structure of microtubules that may provide advantage in its function as a "information processor". There must indeed be some good reason for this kind of organization in microtubules, since although there is some variation in the numbers that apply to eukaryotic cells generally, 13 columns seems to be almost universal amongst mammalian microtubules.

Figure 3

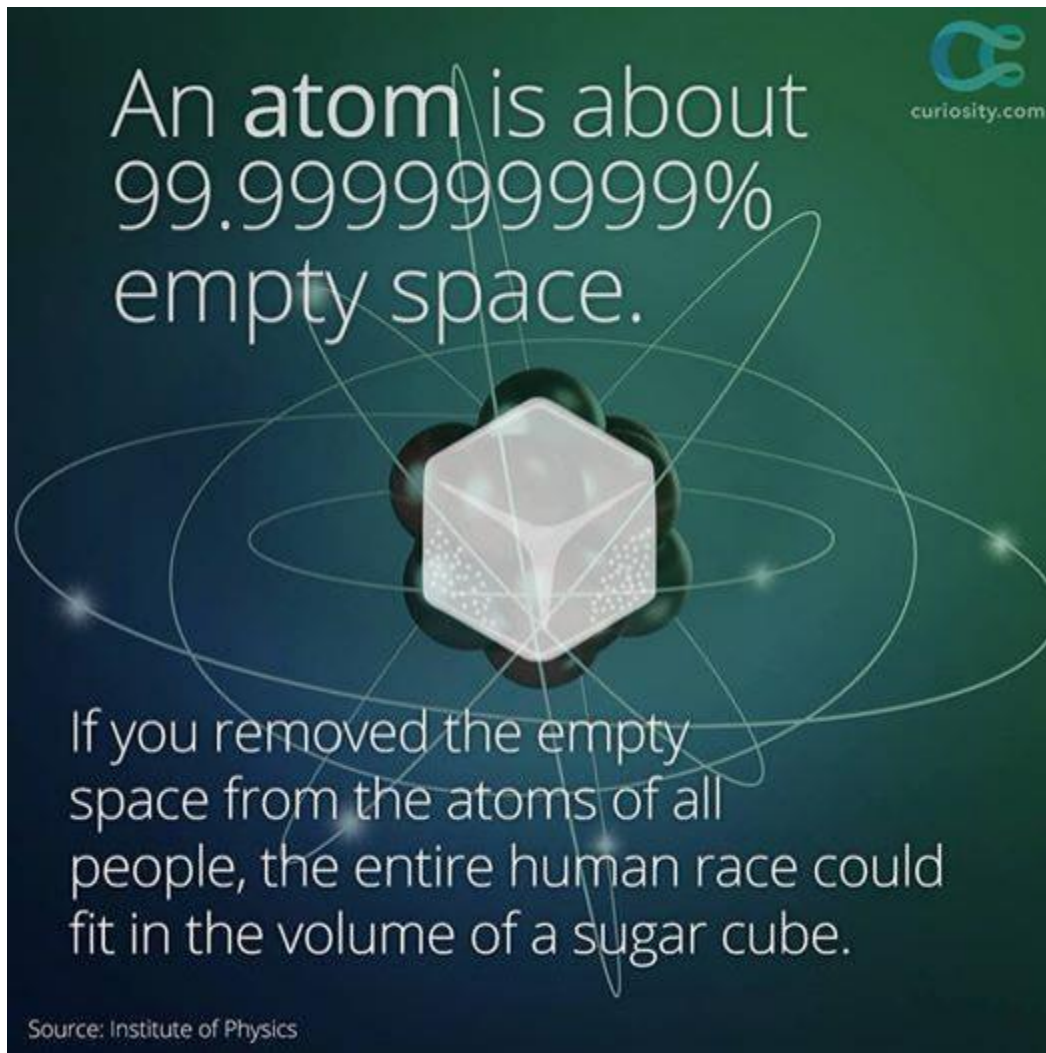
[Microtubules - Fibonacci | Fraction \(Mathematics\) | Biology \(scribd.com\)](#)

<https://www.scribd.com/document/105508014/Microtubules-Fibonacci>

What is Consciousness?

Answer:

The dynamic occupancy of spacetime by physicalized quantum conglomerations originating and emerging from an energy source defining no space and no time in space and time.



Space is consciousness related via advanced quantum mechanics. Therefore, you can figure out what the metaphysics or spirit concept really relates and points to. It is not deus ex machina but machina ex deus.

Calculation:

8 Billion people weigh about 560 Billion kilograms, for an average weight of 70 kg.

As one proton has a mass of about 1.7×10^{-27} kg, the total mass of humanity in weight is about 3.3×10^{38} protons. One proton has a volume of about $4 \times (1.4 \times 10^{-15})^3 = 1.1 \times 10^{-44}$ cubic meters, and for all the protons of humanity, the volume adds up to about 3.6×10^{-6} cubic meters or 3.6 cubic centimeters, which is the cubic size for a cube about 15.3 millimeters long.

Question:

So, what is all that empty space doing? Is there direct interaction between nucleons and virtual particles relating to the nature of "spin," or how the universe actually sustains itself from moment to moment?

Answer:

This is an appropriate question that leads directly into the deepest nature of what energy is and relates in a most fundamental way to the reality of universal consciousness. Firstly, the 'empty space' of an atom manifests as a form of 'force field' where the interaction of 'Goldstone' bosons mediates a 'force' that then manifests as the appearance of solid-state physics.

So, tapping a table actually taps an energy field. The problems with this mainstream physical interpretation and model begin right here, because the 'Goldstones' (photons, weakons, gravitons, gluons, Higgs) are said to be 'virtual', that is, not having a real physical existence.

This is erroneous, just as the mainstream notion of consciousness and mind being non-physical is also not supported by a higher-dimensional cosmology and physics. As an example, consider Einstein's $E=mc^2$ applied to the total mass content of the universe.

For a mass of, say 10^{50} tons, you will have an energy summation of so 10^{70} Joules. But if you now use the quantum energy, also well-defined in Planck parameters, you can calculate the quantum energy per space quantum, and you get far higher values for this energy.

Using the conventions (Planck Length= 2×10^{-35} m, Planck Mass= 2×10^{-8} kg, Planck Energy= 2×10^9 J, Holographic bounds, etc.) and using the Event Hubble extent of the universe, you get something like (Number of space quanta) $\times$ (Planck Energy) = $(10^{147}) \times 2 \times 10^9 \sim 2 \times 10^{156}$ Joules.

Now, the string physics tells you that the energy per string quantum is something like 10^{64} Joules per cubic meter as a physical manifesto of this quantum energy; whilst the energy of all (atomic) matter in space is something like 10^{-10} Joules per cubic meter.

So, the 'discrepancy' between quantum energy and matter energy is a factor of around 74 (and 87 in the quantum-Planck limit). This discrepancy is then associated with the concepts of 'Dark Energy' and 'Dark Matter' to explain the observed differences.

The 'empty space' of the atoms is, in fact, 'spanned' by the 'virtual' energy, which is dark and has a dark matter component defined in physical consciousness parameters based on the quantum energy parameters of the Twin-Bipolaron and the physical size of the electron.

This naturally allows a refined approach to fundamental physics, such as the difference between the Hydrogen atom and the neutron and how radioactive beta/neutron decay allows the primordial universe to build the table of the chemical elements.

This transformation then relates to the interaction probability between matter and light in electromagnetic parameters, showing the basic electron to be a 'point particle/string' of a minimum size; but also, a 'smeared out' or extended circular membrane characterized by the Fermi scale of the 'Goldstone Bosons'.

The spatial extent of the differences then defines physical consciousness as a modular dual or mirror property of the space quantum itself; namely whatever is measured as energy derived from the macro-physics becomes a reciprocated magneto-polar 'supercharge' in the form of the electronic diameter maximized multiplied by the time differential of frequency as inversed time.

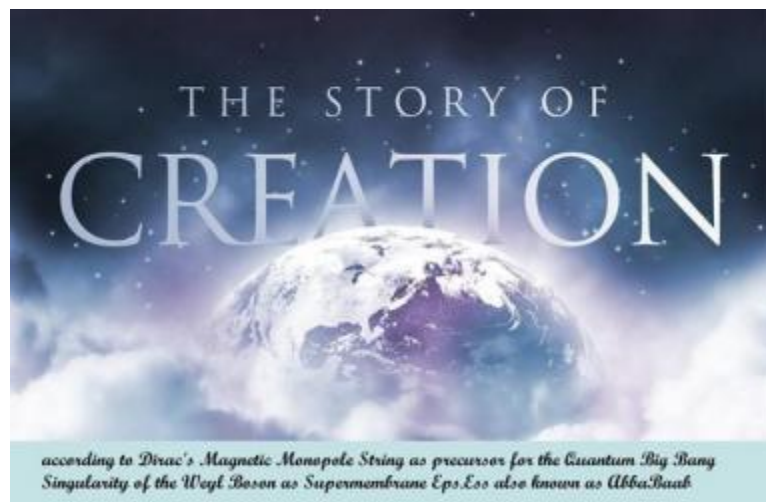
This change of string/brane vibration over time is also an angular acceleration without radial extent, and it reveals the innermost nature of the quantum spin, which is radially independent. Those physical definitions of consciousness carry enormous implications.

Namely, space itself is conscious in a physical sense, and any dynamic occupying space adds to a space-inherent base consciousness independent of the dynamics and living entities moving about within it.

Collapsing a hydrogen atom that is forcing the electron to overcome its weak force field of the beta decay results in a neutron star of 'degenerate electrons', and you can then can observe the quantum physics in the astrophysics.

Then your original question regarding the empty space resolves in the transformation of energy density in space. Then you should adapt the quantum theory to the holographic universe and the multidimensional membrane physics to resolve the wave-particle duality and the quantum entanglement on both the micro-cosmic and the macro-cosmic scales to find the universal unification.

The quantum entanglement can easily be seen to be the effect of the modular duality inferred at the beginning to resolve a number of apparent paradoxes, such as the Schrödinger Cat and the Chicken-Egg DNA/RNA etc. paradoxes.



<https://youtu.be/nOmVhX4aJnw>

<https://www.bitchute.com/video/mMVoAb4t9xtg/>

<https://www.amazon.com/dp/B0CB4K58SV>



"Granted that Reason is prior to matter, I can understand how men should come to know a lot about the universe they live in. If, on the other hand, I swallow the scientific cosmology and for "scientific cosmology" we might read "Darwinism" as world view then not only can I not fit in religion, but I cannot even fit in science..."

Mathematical Challenges to Darwin's Theory of Evolution with Berlinski, Meyer, and Gelernter.



"If minds are wholly dependent on brains, and brains on biochemistry, and biochemistry on the meaningless flux of the atoms, I cannot understand how the thought of those minds should have any more significance than the sound of the wind in the trees."
— C.S. Lewis

43:34 / 57:13



<https://youtu.be/noj4phMT9OE>

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The Time Fractal of the Genesis Code in Seven Days of Creation

The fractal of the Genesis code is the number 7 as a count of units of time.

A full day, as a circle of time counted as 360 degrees, can be divided into two halves of 180 degrees. The first half of the circle can be defined as lightness from a sunrise or dawn at 0 degrees to sunset at 180 degrees. The second half of the circle, from 180 degrees to 360 degrees, can then be defined as the evening to morning of the full day.

The period of time from sunrise to noon or midday to sunset of the 180 degrees is then halved into two 90 degree periods, defining the upper half of the full circle as the Light of a Day and comprising 12 hours as 180 degrees.

The lower half of the circle of a full day can then be defined as the Darkness of a Night and comprising 12 hours as 180 degrees. The four 90 degree sectors of the circle can then be said to be four watches of 6 hours each, where a watch of 6 hours completes 90 degrees of the circle of 360 degrees.

One hour of the 24 hours of the complete circle, therefore, is defined as $360/24=15$ degrees.

As one hour in a day represents 15 degrees of the full circle of 360 degrees, one day in 360 days defines a circle- or degree year as 360 days. Proportionally then, one hour in a day of 24 hours is the same as 15 days within a degree year of 360 days.

This defines a 'shortened time' as a count in hours from a 'standard time' as a count in days in $7 \times 24 = 168$ hours, being 7 full days.

The original division of the circle of 360 degrees into 2×180 degrees becomes redefined as $3\frac{1}{2}$ days of 84 hours of daytime and $3\frac{1}{2}$ days of 84 hours of nighttime.

The seven days of creation are $7 \times 12 = 84$ hours of daytime from morning to evening, followed by $7 \times 12 = 84$ hours of nighttime from sunset to sunrise.

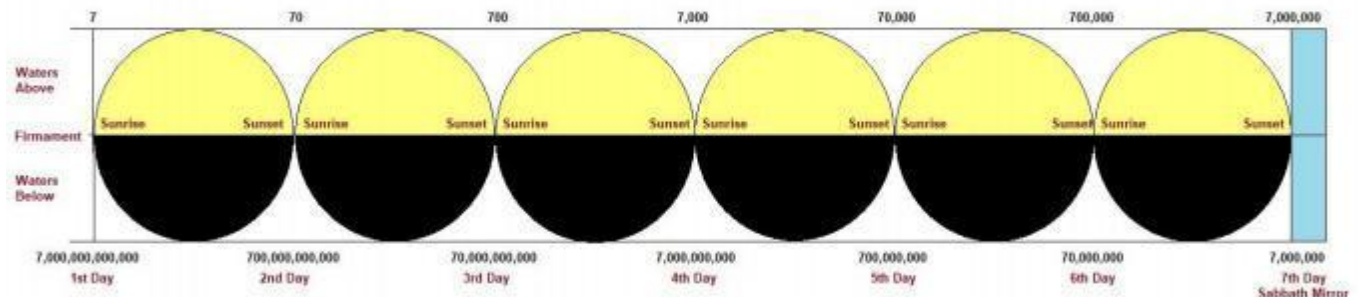
The fractal of the Genesis-Star-Genetic Code is defined by $2 \times 7 \times 12 = 14 \times 12 = 168$ hours as:

$7 + 70 + 700 + 7,000 + 70,000 + 700,000 + 7,000,000 + 70,000,000 + 700,000,000 + 7,000,000,000 + 70,000,000,000 + 700,000,000,000 + 7,000,000,000,000 = 7,777,777,777,777$ full days of creation in one
There is a week of consecutive daytime and 1 week of consecutive nighttime.

There are six periods of daytime from 7-70 and 70-700 and 700-7,000 and 7,000-70,000 and 70,000-700,000 and 700,000-7,000,000 followed by a mirror of half-time and 7,000,000-70,000,000 and 70,000,000-700,000,000 and 700,000,000-7,000,000,000 and 7,000,000,000-70,000,000,000 and 70,000,000,000-700,000,000,000 and 700,000,000,000-7,000,000,000,000

The alpha-sunrise as the morning of the 1st day of creation are the 7 days of the beginning, and counting from left to right or clockwise, the omega-sunset of the 6th day being the 7,000,000 days at the 'Halftime Logos Mirror' of the daytime and mirroring the 6 days of daytime in the 6 days of nighttime.

The 6th night of the 7,000,000 days continues as the 6th night to the 70,000,000 days, beginning the nighttime of the 5th full day and following the clockwise motion of the circle in the nighttime from 180 degrees to the 360 degrees of the 7,000,000,000,000 days to reset the 360 degrees in the 0th degree of the sunrise of the 1st day, ending the nighttime of the 1st full day And completing the circle of the star-crossed time.



The 1st day of star-genetic creation is 7 days and 7 Trillion nights,
as 7 days and $7,000,000,000,000/360=19.444...$ Billion Degree-Years (DY, with 7
Trillion/365.2425=19.165 Billion Civil Years (CY,

{The age of the universe as a multiverse, subject to quantum tunneling, can be calculated as
19.12 Billion years in a cosmology of 12-dimensional supermembrane duality.}

The 2nd day of star-crossed creation is 70 days and 700 million nights.
as 70 days and $700,000,000,000/360=1.9444...$ Billion (DY, with 700 Billion/365.2425=1.916 ...
Billion (CY,

{A (electromagnetic higher dimensional universal age, of 19.12 Billion years defines an
(intersection, (return of the electromagnetic light path) interval of 2.24 Billion years for a lower
dimensional universal age of $19.12-2 \times 2.24=14.64$ Billion years coincident with an age of planet
Earth of 2.24 billion years for the onset of prokaryotic unicellular lifeforms transmutating into
eukaryotic multicellular lifeforms}

The 3rd day of star-crossed creation is 700 days and 70 billion nights.
as $700/360=1.944...$ (DY, with $700/365.2425=1.916...$ (CY, and $70,000,000,000/360=194.444...$
Million ,DY, with 70 Billion/365.2425=191.653 ... Million ,CY,

{200 Million years is a time marker for the evolution of the first mammals and diversification of
dinosaurs in the transition from the Triassic into the Jurassic era of the Mesozoic time period.
The time required for the local star system of Rahsol to complete a cycle of rotation about the
center of the Milky Way galaxy takes about 236 Million years}

The 4th day of star-genetic creation are 7,000 days and 7 Billion nights
as $7,000/360=19.444...$ (DY, with $7,000/365.2425=19.165...$, CY, and
 $7,000,000,000/360=19.444...$ Million (DY, with 7 Billion/ $365.2425=19.165...$ Million (CY,

{20 Million years ago in the evolution of life on planet Earth represents a nexus point towards the end of the Miocene era and initiates the evolution of apes (Hominoidea) from an earlier primate genomatrix (Old World Monkeys)}

The 5th day of star-genetic creation are 70,000 days and 700,000 Million nights
as $70,000/360=194.444...$, DY, with $70,000/365.2425=191.653$ (CY, and
 $700,000,000/360=1.944...$ Million (DY, with 700 Million/ $365.2425=1.916...$ Million (CY,

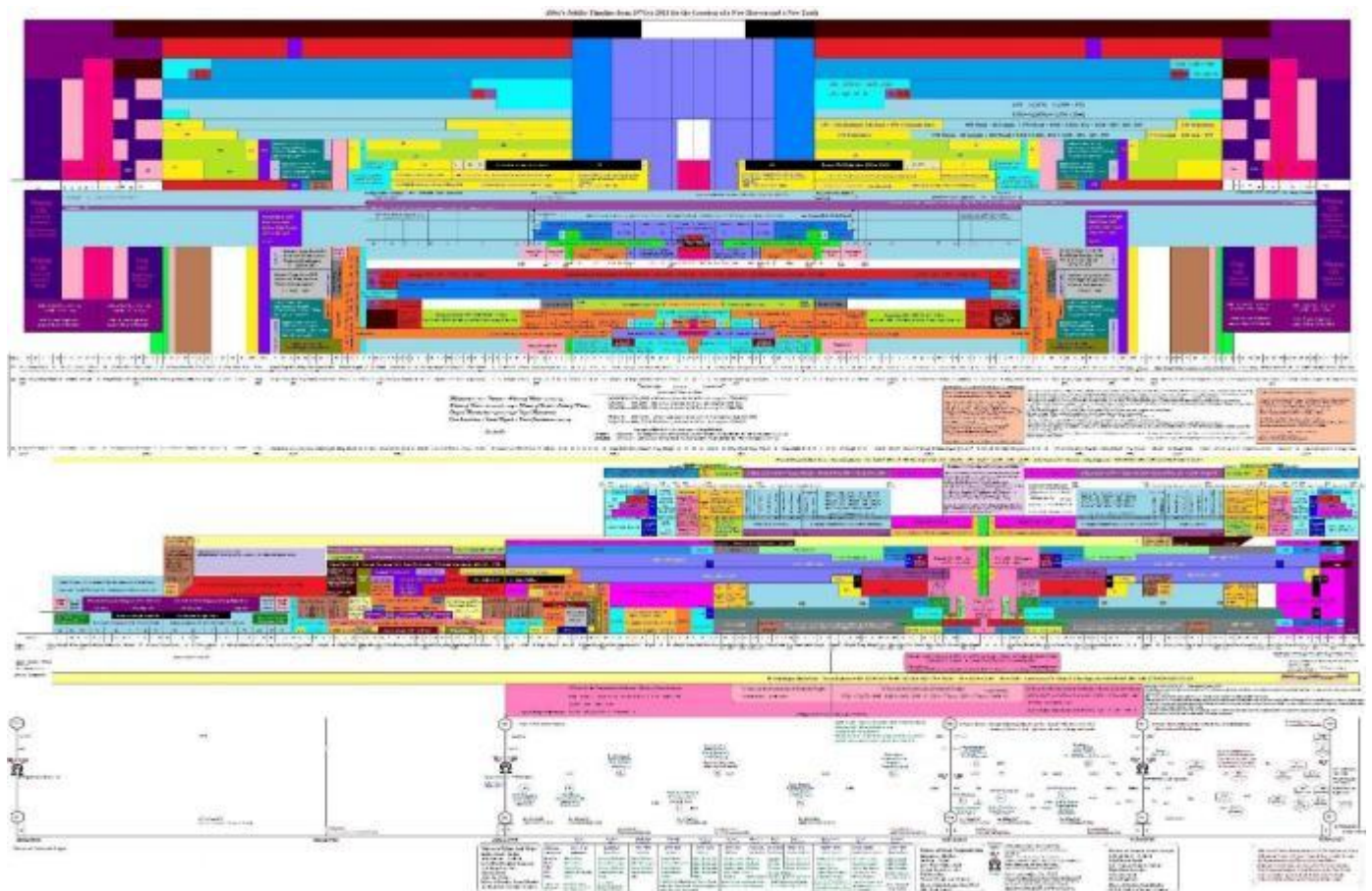
{The Hominoidea-Hominidae-Homininae-Hominini-Hominina-Homo taxonomy of human evolution had passed the Australopithecine and Homo Habilis nexus marker to emerge the Homo erectus or (upright man, as archaic forerunner of Homo sapiens 2 Million years ago}

The 6th day of star-genetic creation are 700,000 days and 70,000 Million nights
as $700,000/360=1944.444...$, DY, with $700,000/365.2425=1916.534...$ (CY, and
 $70,000,000/360=194,444.444...$ (DY, with 70 Million/ $365.2425=191,653...$ Million (CY,

{200,000 years ago characterized the appearance of Homo Sapiens Sapiens or (wise man, as evolved from Homo Sapiens-(Devosonian, Homo Neanderthalensis, Homo Heidelbergensis) in the form of (Anatomically Modern Human, AMH (Cro-Magnon Man) in the Late/Upper Pleistocene period of the Quaternary era of geology}

The 7th day of star-genetic creation are 7,000,000 days and 7,000,000 nights
as $7,000,000/360=19,444.444...$, DY, with 7 Million/ $365.2425=19,165.349...$ (CY, and
 $7,000,000/360=19,444.444...$ (DY, with 7 Million/ $365.2425=19,165.349...$ Million (CY,

{The (last ice age, and period of glaciation (Younger Dryas) in the Holocene epoch 12,000 years ago is defined within the last precessional cycle of precession, defined by a simple day-count Calendar of $9,360,000=65 \times 144,000$ day-kin of the Maya from [-52.0.0.0.0=4Ahau 3Kayab as 01Mar23,615 BCG (Gregorian proleptic)/27Aug23,615 BCJ (Julian proleptic)=25Sivan-19,854] to a Midpoint of a 65 Baktun Precessional Cycle defining the glaciation for the dates [-20.10.0.0.0=4Ahau 13Muan as 27Jul10,802 BCG/18Oct10,802 BCJ=16Elul-7041] to [13.0.0.0.0=4Ahau 3Kankin as 21Dec2012 ADG/08Dec2012 ADJ=8Teveth5773] as a $9,360,000/360=26,000$ (DY, with a $9,360,000/365.2425=25,626.809...$ (CY, count of years for the completion of the fifth of five such precessional cycles of time.}



Abba = Objective ♂ Universal Waveform Without
BaaB = Objective ♀ Particular Bodyform Within

Abba = Objective ♂ Universal Waveform Without
BaaB = Objective ♀ Particular Bodyform Within

Mobius Dragon Mirror BaaB = Subjective ♀ Particular Bodyform Image in Mirrorspace Inner
Abba = Subjective ♂ Universal Waveform Image in Mirrorspace Outer Klein Dragon Mirror

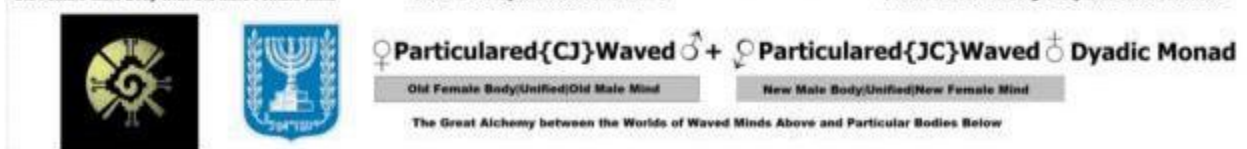
No Objectification from Onesided Sabbath Mobius Dragon Mirror Female Body within Male Mind ♂ Abba = Objective ♂ Universal Waveform Within
BaaB = Objective ♀ Particular Bodyform Without

Male Mind ♀ BaaB = Objective ♀ Particular Bodyform Within
without Female Body Abba = Objective ♂ Universal Waveform Without

The male Father-God creates his male Father-Devil image Satan in the orientable onesided Sabbath Dragon Mirror Möbius with the female Mother-God within the objective real Father-God as subjective Father-Goddess in the Heaven Above and on Earth Below as two sides in one.
Rendering Möbius as a nonorientable onesided Sabbath Dragon Klein enables a twosided Sabbath Mirror between Abba and BaaB to manifest the Earth Below as objective reality relative to the Heaven Above in the twosidedness. The primordial Goddess within becomes the reschange operative to transform the male satanic Devil image without into a female Devil image Serpentina/Enfero/Tutania in a doubling of the old creation modality from Serpent/Enfero/Tutania.
AbbaBaaB in the Old Heaven Above images AbbaBaaB in the New Heaven Below creating a New Earth Below imaged in the Old Earth Above.
Father-God with Mother-Goddess suppressed within forms a Universal Twinship/Dragonomy with Mother-God with Father-Goddess suppressed within to create the FatherMother - MotherFather Universal Dyadic Monad or Oneness in Two as One.

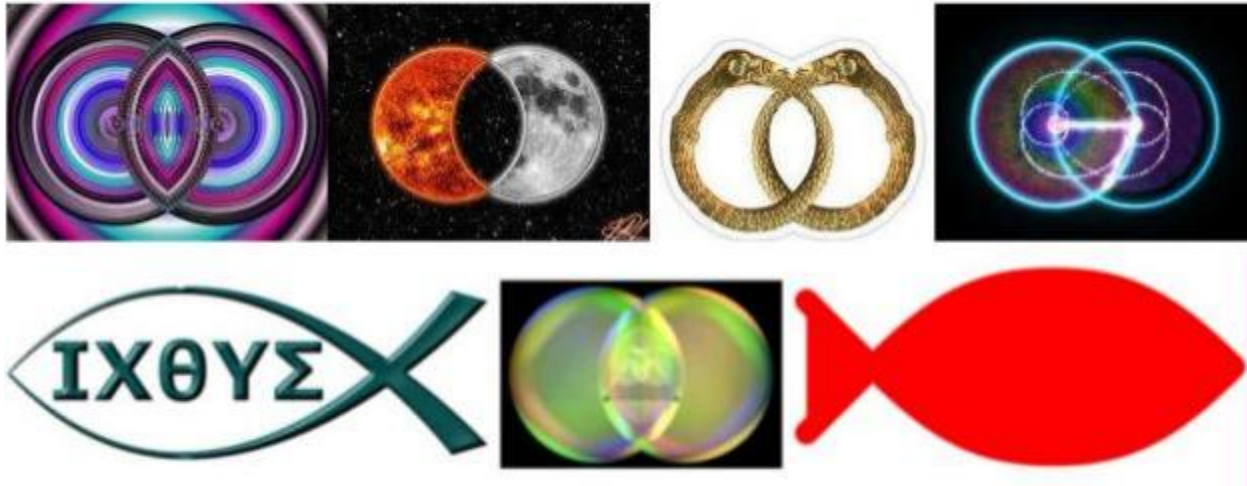


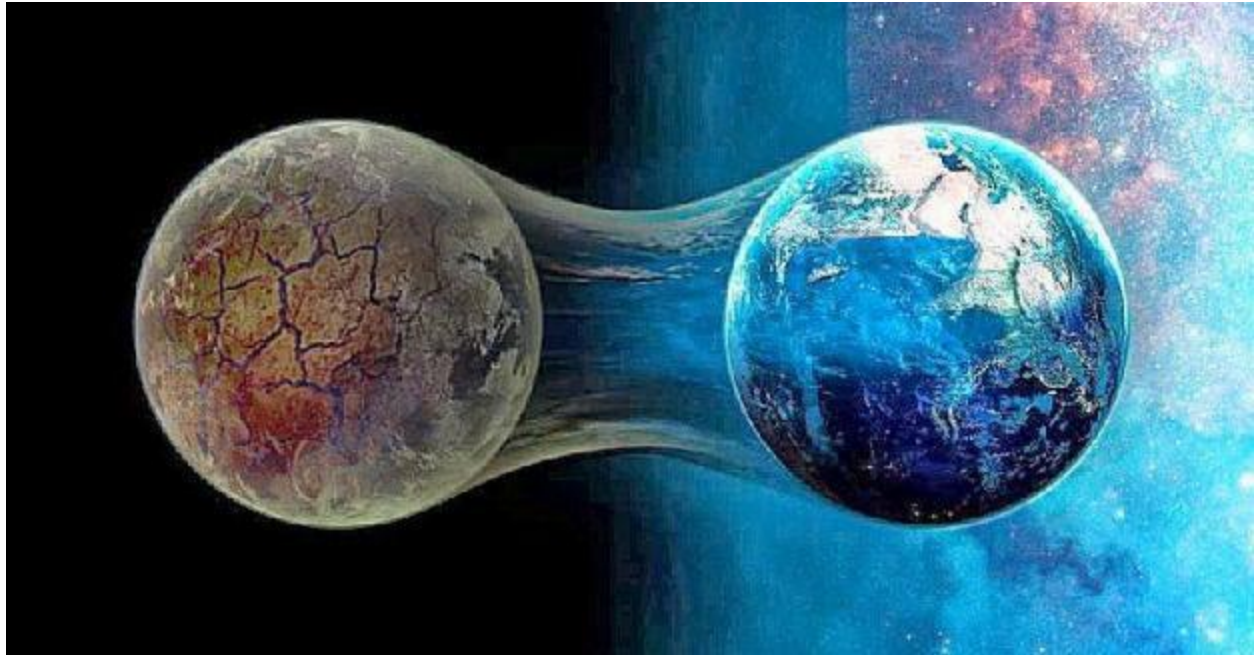
♀ Particularized{CJ}Waved ♂ + ♀ Particularized{JC}Waved ♂ = {CJ}♂{JC}Waved-Particularized
Old Female-Male Body with Old Male-Female Mind New Male Body with New Female Mind Universal HeShe in Dragonomy with Universal SheHe



Old (-)MindBody(+) Descension to form New (+)MindBody(-)
Above to Below
MM=CJ to Old Adam=#2
Old Adam to JC=C=#3
Below to Above

New (-)BodyMind(+) Ascension to form Old (+)BodyMind(-)
Below to Above
Old Eve to CJ=MM=#1
JC to Old Eve=#4
Above to Below





Old Reson Canon of New Alexandria Library



Abomination of Sexual Desolation

SheHe---Dragonomy---HeShe

Inner She-Outer HeHe Outer-She Inner

Lake of Fire ♀ and ♂ Brimstone

SheHe---Dragonomy---SheHe

Inner She-Outer HeShe Outer-He Inner



Intimidations

To feel offended by truth and by deceptions.

The pth knows you as ignoramus in secret and asks you to relax because you are clever and aware and educated.

The PPTB knows you as ignoramus in openness and asks you not to relax to become clever and aware and educated.



Abrenasias: December 14th, 2016

{Gospel of Thomas - Lambdin-Aag Hammadi}

(39) Jesus said, "The pharisees and the scribes have taken the keys of knowledge (gnosis) and hidden them. They themselves have not entered, nor have they allowed to enter those who wish to. You, however, be as wise as serpents and as innocent as doves."

Saying#115:

Jesus said, "You can delude yourself any way you wish; but if you do not eat the lion of truth, then your sellimage will not be able to share in the wisdom of the father and you will mirror the darkness in the world back to yourself and you will be that darkness."

Saying#116:

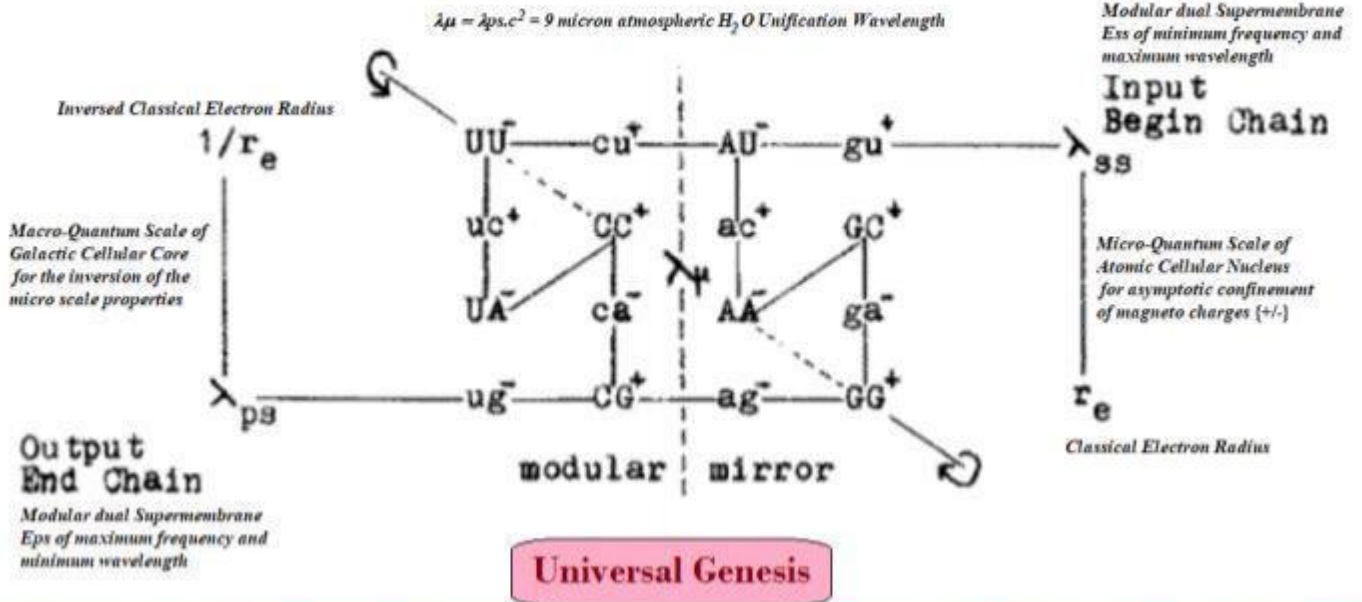
Jesus said to the apostles: "If the people come up to you in numbers, saying, tell us your secrets, tell us your secrets; then reply to them, that you cannot do so for reason of the secrecy. Tell them, that should they know, they would become insane."

But if some persist and ask you privately; then share the secrets with them in measure of their willingness to become insane in the world."

1984-----2000-----2016-----2020
989/990-----1005/1006-----1021/1022-----1025/1026 } 1989
68E-----112A-----272A-----312A



Universal Genesis - Origins of the Genetic Encoding from a multi-dimensional Universe A Magneto-Charged 256-DNA/RNA Codex for a Human to Starhuman Transformation



The Recoding of 2-stranded DNA/RNA by the Council of Heaven as 24 Ebers of the Revelation

Pyrimidine Thymine = T_k coded as JC Leah to Pyrimidine Uracil = U_k coded to Purine Adenine = A_k in $k=1;3;5;7;9;11$
 Pyrimidine Cytosine = C_k coded as CJ Bilbah to Purine Guanine = G_k in $k=1;3;5;7;9;11$
 Purine Enimine = E_k coded as CJ Zilpah to Pyrimidine Uracil = U_k coded to Purine Adenine = A_k in $k=2;4;6;8;10;12$
 Pyrimidine Cytosine = C_k coded as JC Rachel to Purine Guanine = G_k in $k=2;4;6;8;10;12$

Universal Twin-Logos

Ophinchus Lucifer Thymine JC $ESL \leftrightarrow 4P$
 Son of Man Daughter of Woman
 SonDaughter of Abba God $|| : ||$ DaughterSon of Baah Goddess
 de FatherMother de MotherFather
 Arachne Lucifera Enimine CJ $QES \leftrightarrow 4H$

Base Perfect 4x64=256 Genomatrix

[ACGT(ΨΨ): Mirror Thymine δ^- = Enimine Ψ base paired with Guanine Ψ = $G\Psi FT$ = $G\Psi FT$ = Bipolar Thymine in Guanine]

Heaven Above
 Mind Wave (12D)
 Dead Alive DNA
 Unified Cosmic ID

Wave-Particle Duality
 Mind-Body Dichotomy
 Quantum Entanglement

Particular ID
 Body Particle (4D)
 Alive Dead RNA
 Earth Below

Base (Im)perfect 4x16=64 Genomatrix

[UGCA(δδ): Mirror Adenine Ψ = Uracil δ base paired with Cytosine δ = $C\delta PA$ = $C\delta PA$ = Bipolar Uracil in Cytosine]

$A\Psi C\delta$ $G\delta EV$ $A\Psi C\delta$ $G\delta EV$ $A\Psi C\delta$ $G\delta EV$
 Adenine Core Guanine Core Adenine Core Guanine Core Adenine Core Guanine Core
 $E0\Psi\delta^1T$. Ψ_2A . $C\delta^3$. Ψ_4G . $E0\Psi\delta^5T$. Ψ_6A . $C\delta^7$. Ψ_8G . $E0\Psi\delta^9T$. $\Psi_{10}A$. $C\delta^{11}$. $\Psi_{12}G$ (Repeat Command)

Thymine Core Cytosine Core Thymine Core Cytosine Core Thymine Core Cytosine Core
 $T\delta AV$ $C\delta GV$ $T\delta AV$ $C\delta GV$ $T\delta AV$ $C\delta GV$

4D-Spacetime Observed Genomatrix

$A\Psi U\delta$ $G\Psi C\delta$ $A\Psi U\delta$ $G\Psi C\delta$ $A\Psi U\delta$ $G\Psi C\delta$
 Uracil Core Cytosine Core Uracil Core Cytosine Core Uracil Core Cytosine Core

$A1\Psi\delta^0U$. $U\delta^2$. $G\Psi^3$. $C\delta^4$. $A1\Psi\delta^5U$. $U\delta^6$. $G\Psi^7$. $C\delta^8$. $A1\Psi\delta^9U$. $U\delta^{10}$. $G\Psi^{11}$. $C\delta^{12}$ (Repeat Command)

Guanine* Core Adenine* Core Guanine* Core Adenine* Core Guanine* Core Adenine* Core
 $U\delta GV$ $C\delta AV$ $U\delta GV$ $C\delta AV$ $U\delta GV$ $C\delta AV$

Universal Androgyny
 Heavenly Twin Above



Earthly Twin Below
 Universal Androgyny

- Z - La - De - Ro - Mi - To - He - Ho - Ch - Gu - Cy - Le - Sy - Ha - Ma - O - P - Q - X - Y - Z -

... GT	TA	AC	CG	ET	TA	AC	CG	GT	TA	AC	CG	GT	TA	AC	...
		Left		Dragonomy Center		Right									
		RoMiTo		MiToHe		ToHeHo									
															
12D-Spacetime Genomatrix															
Universal Twin Dragonomy															
		BrWJu		WJuDo		JuDoBa									
		Left		Center		Right									
				Dragonomy											
... CA	AU	UG	GC	CA	AU	UG	GC	CA	AU	UG	GC	CA	AU	UG	...

Dragonomy = Alchemical Union Above

Twin Dragonomy = Alchemical Union Complete
(Revelation 19 - KJV)

Dragonomy = Alchemical Union Below

Dragonomy = Alchemical Union Above

Twin Dragonomy = Alchemical Union Complete
 [Revelation 19 - KJV]

Dragonomy = Alchemical Union Below

43

West-Left Boundary Age of Judges Right-East Boundary
Centered 1000 Day Millennium
420 = 1/2(1260) Destruction --- December 12th, 2020 ----- 160 = 1600/10 Destruction ----- May 21st, 2021 --- 1/2(1260) = 420

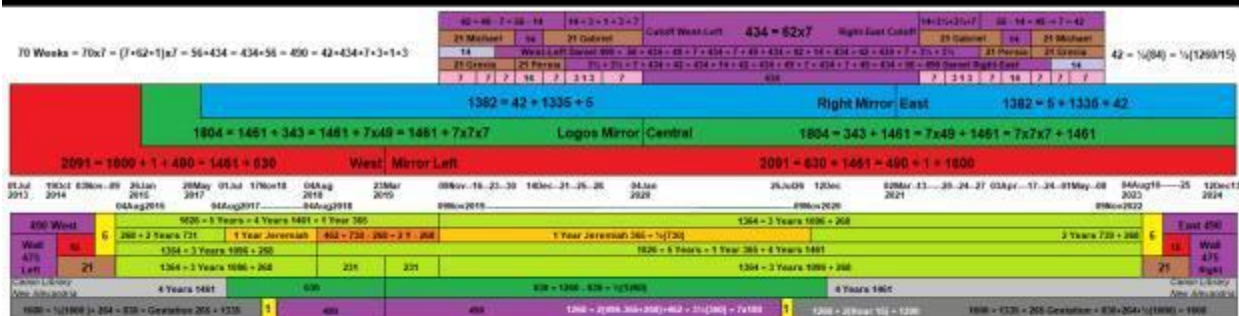
October 19th, 2019 --- 450 --- January 11th, 2021 (100) April 21st, 2021 --- 450 --- July 15th, 2022
June 10th, 2020 --- 225 = 1/2(450) --- January 21st, 2021 (80) April 11th, 2021 --- 1/2(450) = 225 --- November 22nd, 2021

20 Saul Hebron ----- 1/2(7+33) = 20 David Jerusalem David 20 = 1/2(33+7) ----- 20 Saul Hebron
January 21st, 2021 ----- February 10th, 2021 --- March 2nd, 2021 --- March 22nd, 2021 ----- April 11th, 2021

Forest Lebanon ----- (13) ----- (7) ----- 4 Temple Solomon 4 ----- (7) ----- (13) ----- Forest Lebanon
February 6th, 2021 --- February 19th - 26th, 2021 --- March 2nd - 6th, 2021 --- March 13th, 2021 --- March 26th, 2021

January 1st, 2021 ----- (40 Saul) ----- February 10th, 2021 --- (40 David) --- March 22nd, 2021 ----- (40 Solomon) --- May 1st, 2021

Age of Man 120 = 40 Saul + 40 David + 40 Solomon



24 Seventy weeks are determined upon thy people and upon thy holy city, to finish the transgression, and to make an end of sins, and to make reconciliation for iniquity, and to bring in everlasting righteousness, and to seal up the vision and prophecy, and to anoint the most Holy.

25 Know therefore and understand, that from the going forth of the commandment to restore and to build Jerusalem unto the Messiah the Prince shall be seven weeks, and threescore and two weeks: the street shall be built again, and the wall, even in troublous times.

26 And after threescore and two weeks shall Messiah be cut off, but not for himself: and the people of the prince that shall come shall destroy the city and the sanctuary; and the end thereof shall be with a flood, and unto the end of the war desolations are determined.

27 And he shall confirm the covenant with many for one week: and in the midst of the week he shall cause the sacrifice and the oblation to cease, and for the overspreading of abominations he shall make it desolate, even until the consummation, and that determined shall be poured upon the desolate.

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