Exploration

The Life Circuits for Universal Life in an Evolving Cosmology (Part 3)

Anthony P. Bermanseder*

Abstract

The beginning of life is encoded in the DNA and the RNA and cellular evolution in mitosis as the self-replication of cells from their DNA encodings in left-handed 20 amino acids and the right-handed sugars. The biological origins for life can be modeled on the emergence of cellular reproduction from chemical and physical precursors or protocells related to a manifested form of radioactivity of the weak nuclear interaction mirroring the chiral distinction of non-parity or asymmetry between matter and antimatter. The induction of the 'life force' assumes the character of a Maxwellian displacement current which manifests a multidimensional equivalence of mass and a magnetic monopolar electricity, defining the life-current as a frequency based naturally impressed monopolar current. The source frequency for this monopolar current is traced to the creation event to couple to a time evolution for the cosmology and particularizes a DNA-frequency in its bifurcation into an electro-capacitative and a magneto-inductive part to then emerge as a double-stranded helix in an applied quantum geometry.

Part 3 of this three-part article includes: 5. The Maxwellian Monopolar Current as a Conduction Circuit; 6. The Luminosity Merkabah of Thuban and the Light-Body Constant Lo; 7. Orange Orb UFO Characteristics; 8. The Age of the Earth and the Hubble Tension; & 9. The Unified Field of Quantum Relativity in 12 Monopolar Junction Loops.

Keywords: DNA, amino acid, cellular evolution, life circuit, universal life, evolving cosmology.

5. The Maxwellian Monopolar Current as a Conduction Circuit

Experiments of exposing beehives to high voltages have shown a relationship between a collectively applied voltage to the resonance frequencies for the beehive. In particular, when the hive entrance (tunnel) under the electric field became conductive (wet), the induced current densities in the bees caused shock and deleterious effects.

The nectar collection by the bees increased by 20 percent in a maximization with a voltage of 110 kV, but decreased to zero with 140 kV with a cessation of the production of hatchling cells with an extinction of the beehive after two months. Under 220 kV, the bees committed collective suicide in destroying all remaining hatchlings, attacking each other, killing the queen bee and cluttering the hive inlet from the inside with unprocessed nectar. This depleted oxygen

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and increased the temperature within the beehive and the melting of wax completed the demise of 50,000 bees.

Laboratory investigations of the electrical characteristics of honey bees and their exposure to intense electric fields - PubMed (nih.gov)

Mechanism of biological effects observed in honey bees (Apis mellifera, L.) hived under extra-high-voltage transmission lines: implications derived from bee exposure to simulated intense electric fields and shocks - PubMed (nih.gov)

Both applied voltages and currents can affect the life circuits in inducing the C-factor in a mode of superconductive unified resistance $R_{ps} = h/2e^2$. Conductivity $\sigma = 1/\rho$ as the inverse of resistivity [Ωm]* in the tunnel of the beehive as Lightpath ct in σct is directly proportional to the time evolving capacitative function $C(t) = 2e^2t/h$ for Lightpath ct.

For a conductive surface Lightpath of 10 centimetres, an environmental frequency in association with the electric field of the high voltage transmission lines $f_{tunnel} = c/0.1$ m* = $3x10^9$ Hz* can add an awareness of $9x10^{18}$ Hz*^{2} to the awareness integrals for the beehive and any collection of individual bees and their physical environments.

In the beehive experiment under exposure to a 110 kV power transmission line, no abnormalities were discovered in the conductive environment. The bees collectively and individually, appeared to be unaffected by the magnetic energy induction into their environments. Increasing the energy induction in voltage and current caused various disturbances however, pointing to a current threshold, measured at a current induction in a region from 275 – 350 nanoamperes.

The Maxwellian displacement current $i^* = 2ef^* = 2efD_{maxwell} = \mathcal{M} = [ec]$ [Am]* defines a relationship between the monopolar current normalised with electropole charge e for a monopolar current i(t) = 2ef with the mass inductive monopolar Maxwellian displacement current $i_{monopolar} = ec$ [Am]*. The induced monopolar current then has a frequency $f_{beehive} = f_{bee} = c/2D_{maxwell} = i/2e$ which calculates the threshold monopolar current equivalence as $8.56x10^{11}$ Hz for 275 nA and then as $1.09x10^{12}$ Hz for 350 nA respectively.

Magnetically induced currents below this frequency range so would not environmentally affect the beehive, but frequencies above this region could interfere with the bees as a function of a conductive Maxwellian displacement current in the displacement current forming a unitless product of conductivity σ and the Hall resistance $R_{Hall}=R_{ps}=h/2e^2$ in $\sigma R_{ps}.D_{maxwell} = 1$ for $D_{maxwell} = 2e^2/\sigma h$.

The conductivity of rain or snow water is averaged as 1/5000 - 1/100 [S/m]* from the least conductive and purest form of nonionized water to its more conductive and atmospherically contaminated form. Water used for irrigation is considered 'safe' up to a conductivity level of 3 mS/cm or 3/10 S/m. Unitization for 'safe' water in $D_{maxwell} = 2e^2/\sigma_{water}h$ then ranges from 0.387

m* to 0.0077 m* to $2.58x10^{-4}$ m*. For a lower threshold frequency of $8.56x10^{11}$ Hz* = i/2e = $c/2D_{maxwell}$, $D_{maxwell}$ = $1.75x10^{-4}$ m* and $D_{maxwell}$ = $1.38x10^{-4}$ m* for the upper threshold of the measurements.

The monopolar life-current displacement is inversely proportional to the induced current and its frequency, indicating that for an increasing Lightpath as the Maxwellian displacement, the monopolar current decreases. A purer and less ionized or contaminated form of water so would increase the Lightpath and decrease the induced monopolar current.

A conductivity for ionized rain water of σ_{water} = 0.4424 = 1/2.26 [S/m]* or 4.424 mS/cm for a Lightpath of $\lambda_{bee} = 2\pi R_{bee} = D_{maxwell} = 2e^2/\sigma_{water}h = 2.58x10^{-4}$ m* then indicates a threshold monopolar current frequency of $f_{bee} = c/2\lambda_{bee} = c/2D_{maxwell} = 5.814x10^{11}$ Hz*and a monopolar conduction current $i_{bee} = 2ef_{bee} = ec/\lambda_{bee}$ = Ɱ/0.00162 = 186.8 nA.

Monopolar induction currents above the threshold frequency f_{bee} then would interfere with the environmental behaviour of the bees both individually and collectively with increasing monopolar current induction of i_{bee}.

Current shock induced into the hive as $2ef_{bee}$ = 900 nanoampere for a frequency $f_{bee} = 2.8x10^{12}$ Hz* resulted in the self-destruction of the bees by stinging for a monopolar bee frequency of $f_{bee} = c/0.0005 = 5.81x10^{11}$ Hz* with a Lightpath of 0.5 mm* as the scale of the width of a leg of a bee acting as the conductor for the monopolar displacement current.

As monopolar current is by nature related to magnetic induction, a conductive environment is required for monopolar electromagnetism to interact with biological lifeforms as a function of the superconductivity resistance and 'free space' impedance relationship for the magnetic flux:

$$\phi_m = E_{ps}/I_{ps} = hf_{ps}/2ef_{ps} = h/2e = LI = (h/4e^2f_{ps})(2ef_{ps}) = \lambda_{ps}.m_{ps}c^2/2ec = \mu_o Ɱ R_{ps}/Z_o = \mu_o Ɱ R_{ps}/120\pi$$

A blocking or impedance of the source current for the beehive induces 'signals of self-destruction or death' in a negation of the resonant frequencies. Retroaction, retroviruses and free radicals, prions and telomere depletion as 'ageing chemicals' – all life forms are programmed for the life and death cyclicity until the awareness force is implemented and the potential for Radiationmass becomes established. The key to immortality becomes spacetime awareness and the frequency over time differential df/dt.

The environmental interactions between 'RC'-current elements can be modelled on a 'capacitative awareness', which one can label as instinctual or as nonanalytical. 'LR'-current elements can describe an 'inductive awareness' which is analytical with suppression of the instinctual (or emotional) component. And any organism and awareness carrier, which harbours the full 'RCL'-circuitry will have both instinctive and analytical properties in its evolutionary potential and its search to obtain source resonance.

The beginning of life is encoded in DNA, RNA and cellular evolution in mitosis as the self-replication of cells from their DNA encodings in left-handed 20 amino acids and the right-handed sugars. The superconductive magnetic flux $\Phi_o = LI = h/2e$ for $L = h/2e^2f$ in $V_{ps} = hf_{ps}/e = Lef/t = hf_{ps}/2e$ so magnetically inducts source-sink voltage $V_{ps} = E_{ps}/e = hf_{ps}/e = h/ef_{ss}$ with the source frequency f_{ps}, which then manifests as the sink-source current $2ef_{ss}$. Magnetic Flux $\phi = LI = h/2e$ for $L = h/2e^2f$ in $V_{ps} = hf_{ps}/e = Lef/t = hf_{ps}/2e$. Then an RCL-'life-circuit' will differ from a 'RC'- or an 'LC' circuitry and allow self-and mutual frequency inductions to modify the overall 'life-circuits'.

Because the L-factor (as Y-chromosome) can be associated with a sex-chromosomic bifurcation of the DNA/RNA Codex of 64 permutations (and 20 Amino Acids), as well as the C-factor (as X-chromosome say with a unity $X_0Y_0X_1X_2$ and where say X_2 is a disguised Y_1) a sexual differentiation embodied in the natural current equations can also be made.

Additionally, the C-Awareness cross induces the L-Awareness both mutually and self inductively and this can be modelled on circuit diagrams, which also show that the separation from the source energies as maximized and minimized potential differences become evolutionary functions in linear time and in which a completion and end for this evolution must be defined before its beginning as consequence for the initial parametrizations of the circuit components C, R and L.

In 4D, the spacetime matter matrix of 3D is a lower bound for the c-invariance and the entire universe can be 'travelled' like a 'superposed' inflationary scenario. In the 4D, the awareness is of course upper bounded by the square of the source frequency in $9x10^{60}$ awareness units. This is most easily seen in the so called Inflationary Big Bang Cosmology. The metric limit in 3D is the wormhole radius ($R_{min}=L_{min}/2\pi$) for a source frequency of $f^*=3x10^{30}$ Hz and of course nothing in 3D can be smaller than this.

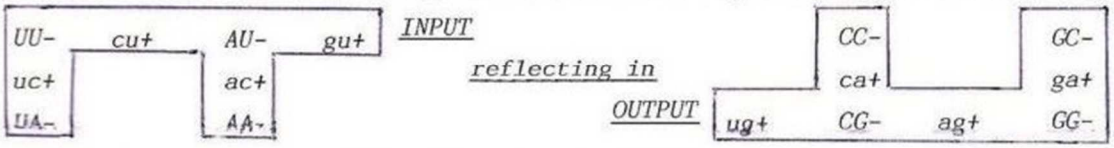
But the Inflaton of the Instanton 'expanded' the 4D envelope for the 3D universe in a de Broglie Matter Wave Velocity $V_{dB}=R_{Hubble}.f^*\sim10^{48}.c$ and in an accompanying phase acceleration $A_{dB}=R_{Hubble}.f^{*2}\sim10^{87}$ m/s^2 and in a manifestation of the cosmological initiatory and boundary conditions. So taking $R_{Hubble}=ct^*$ for the source frequency f^* gives the Core-Awareness parameter for the Big Banged Universe as c/RHubble=1/t*=Lmin.f*/RHubble=Ho~1.8x10-18 Hz and as a nodal Hubble-Constant.

This gives the ratio $H_o/f^*=L_{min}/R_{Hubble}$ and as the minimum/maximum condition in betwixt the cosmic evolution will define itself. The minimum time is the time instanton defining a now-moment and this is $1/f^*=3.33x10^{-31}$ seconds and so defines the maximum Awareness as $(df/dt)_{max}=f^{*2}$.

The male and female templates are perfectly reflective and join by changing all the magnetocharges on one, say GG. Then UA- repels ug- as EndofChain, as do gu+ and GC+ as the starting points. CC+ is attractive to AA-, but repulsive to both cu+ and gu+ for the male-female intercourse of the two halves of the encoding.

The Reflections are: GG+rUU- & ug-rgu+ & ga-ruc+ & ag-rcu+ & GC+rUA- & CG+rAU- & ca-rac+ & CC+rAA-

Female MagnetoCharges are Upper Cases and Male MagnetoCharges are Lower Cases.



This paper shall describe the reactivation of intron-dormant genetic expression by a fourfold extension of the spacetime continuum.

A 4x4 square matrix of dipolar magnetocharges is used in the mechanics of the permutational transforms to regenerate the 64 elemental RNA-code of amino acids from the lattice of the magnetoelectric charge distribution.

The quadruplistic form of the double-DNA-helix becomes so generated to manifest in quantised 4-dimensional linespace. A protogenetic geometric form of the DNA coiling is thus defined as a reconfiguration of four interwoven spacetimes.

A subset of a potentially infinite lattice of magnetocharges defines a 13-dimensional monad of sourcemonopolic origin, which as one strand of the RNA-helix follows the DNA-based chain of command to merge with its complementary strand.

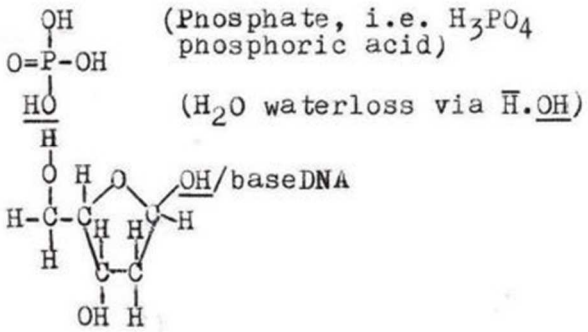
A 26-dimensional dyad of a tripartite DNA-helix is created in the complementary matching of a magnetoinductive L-factor with an electrocapacitative C-factor and associated with the sexual characteristics (Y- and X chromosomes respectively).

THE MODULAR SYMMETRY OF THE 12-DIMENSIONAL DNA-TRIPLE HELIX

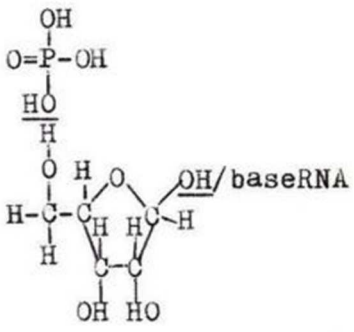
To apply our scaled hierarchy of the genetic universal code to the intermittent scale of the biological expression of the biochemistry, built upon electronic configurations in the outer atomic definitions of the leptonic ring; we shall now visit the linespace geometric form of the double helix and extend it into the higher dimensions of the magnetocharges.

The Francis Crick/Maurice Wilkins/James Watson model of 1953 shows the geometry between the nitrogenous base pairings as one of NH_2-O and NH-N matching between Guanine and Cytosine in a triple bonding; with Adenine and Thymine displaying a NH_2-O and NH-N double bond; the NH_2-O bond being reflected in the DNA-RNA common base pair GC. Cytosine and Thymine (Uracil in RNA) consist of a heterocyclic hexagonal ring of empirical formula $C_4H_4N_2$ as organic pyrimidine base. Guanine and Adenine are purine derivatives as $C_5H_4N_4$ organic bases and display a hexagonal geometry interwoven with a fivefold symmetry of a pentagonal ring.

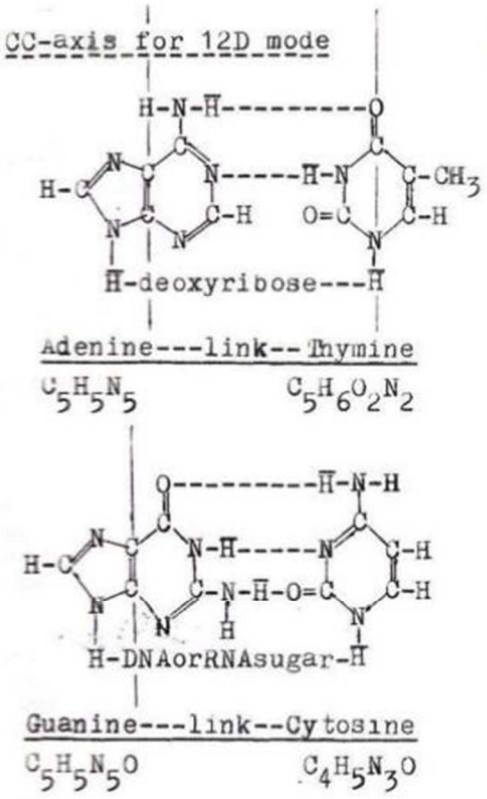
For RNA the sugar deoxyribose is replaced by ribose, a hydroxide (OH) replaces hydrogen and in Uracil, the methyl radical CH_3 changes to H. Synthesis of OH with H produces water as internalisation for the DNA/RNA molecule, meaning that water is absorbed from the chemistry in the organismic body. This waterloss defines the hydrogen bonding between the sugar-phosphate DNA/RNA backbone to the nitrogenous bases.

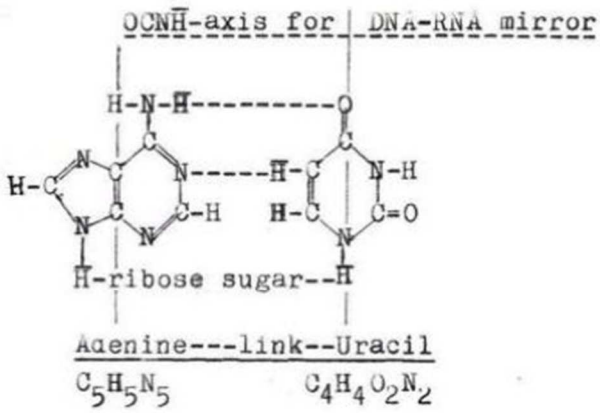


deoxyribose sugar $C_5H_{10}O_4$



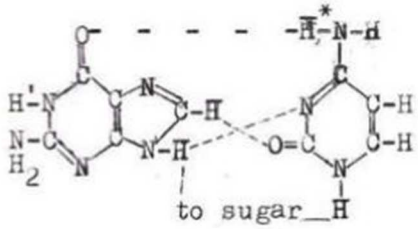
ribose sugar $C_5H_{10}O_5$



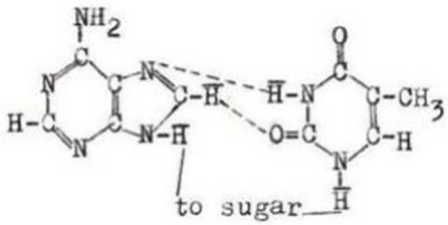


Reflecting Thymine in Uracil across OCNH releases the CH_2 alkene unitradical.

In all three cases of the 1951/53 Crick/Wilkins/Watson model, the purine pentagonal symmetry is suppressed in the hydrogenic bonding. Reflecting Adenine and Guanine in the CC mirror realigns the bases.



Guanine twists Cytosine

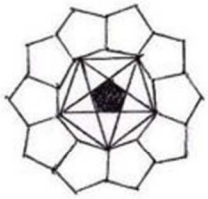


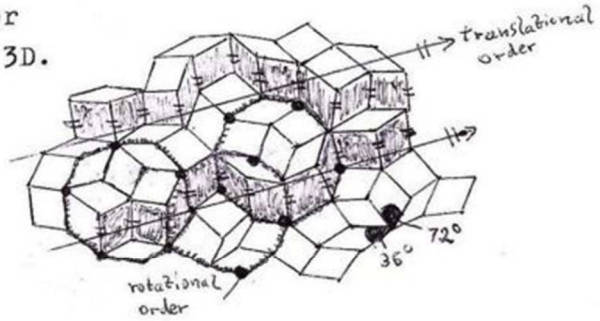
Adenine links Thymine and mirror-Uracil

The "twisting" of Cytosine and the reflection of Uracil occur in higher dimensional space (i.e. definition of Kleinian bottle as topological surface) and H' in Guanine becomes the new connection to the sugar/phosphate backbone, whilst H*-N-H = NH_2(amine) "switches" with the Cytosine's backbone connection.

Subsequently, the double helix becomes a stacked spiralling sequence of pentagons around a decagon with longrange translational order and of longrange rotational order with counting frequency XY=1, i.e. as in the Penrose tiling of the ratio between rhombuses of 36^o and 72^o .

10 pentagons form a 10-D perimeter around a 3-D space, linearising 13D.





This defines twinned pentagons to form the geometry for the universal genetic coding and specifies a 26-D dyad to formulate the baseperfect partnership on all levels of the scaled hierarchies.

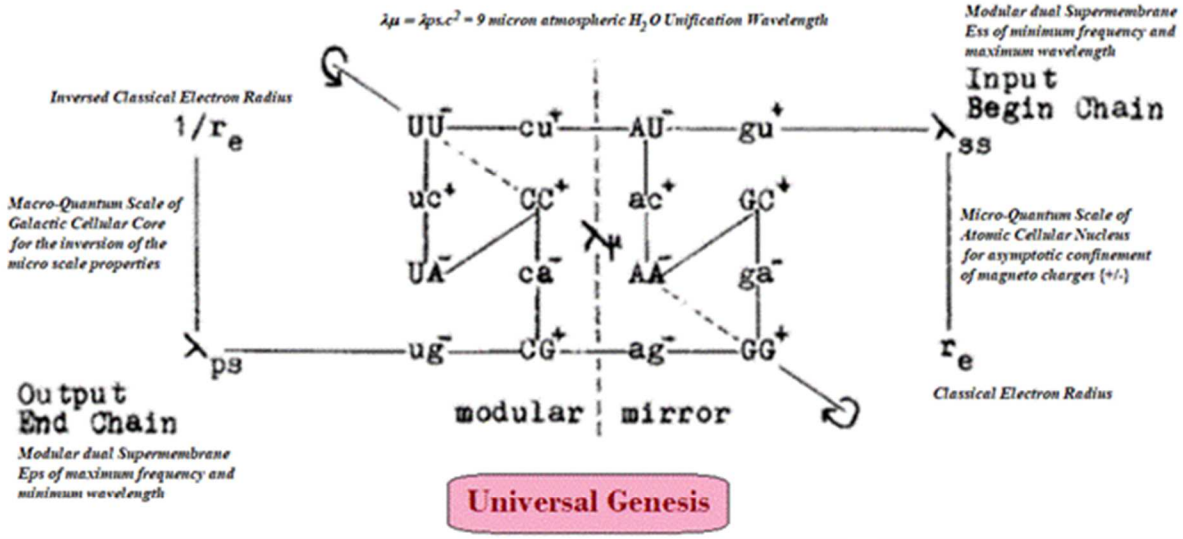
The 12-D boundary condition for the SE_{ps} algorithms for masterconstant generation is $XY=-1=X+Y=i^2$ in the complex plane, but sets XY=1 as absolute value in the 10-D L-H-Q-O-spacetimes at timeinstantenuity t_{ps}.

The link to the omnispace mathematics is established via the derivation of the binary mastercode via awareness triplets: (1,0,1), (1,1,1=10), (2,1,3), (3,2,5) etc., establishing the SE_{ps} sequence (also known as Fibonacci series) and its complex counterpart SSE_{ps} or Super-SE_{ps}.

The fivefold symmetry of the O-space geometry becomes fundamental for the genesis of the genetic mastercode, being its intrinsic parameter on all levels and manifesting on the biological scales via X and Y, Y being called the Golden Mean and defining the pentagon. The Higgsian symmetry breaking derives from its geometry, defining the fundamental forcefield interactions (discussed in part three); as do all the cosmogenic parameters due to the Magnetocharge function $B(n)=2e/hA.\exp(-\text{alpha}.T(n))$, $T(n)=n(n+1)$ and the summing of all integers positive and negative in the Feynman path integral of all particle histories, becoming unity in the extension of Aleph-Null to Aleph-All in the redefinition of uncountable infinity.

The 3-tiered 12-dimensional DNA/RNA so becomes the topologically twisted 3-D DNA/RNA only in its unified state. Observation of partial DNA, i.e. via crystallography will always display interference patterns indicative of the Crick/Watson/Wilkins hexagonally connected model.

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



Universal Genesis

The Recoding of 2-stranded DNA/RNA by the Council of Thebes as 24 Elders of the Revelation

Pyrimidine Thymine = T_k cored as JC Leah to Pyrimidine Uracil = U_k cored to Purine Adenine = A_k in k=1;3;5;7;9;11
Pyrimidine Cytosine = C_k cored as CJ Bilhah to Purine Guanine = G_k in k=1;3;5;7;9;11

Purine Enimine = E_k cored as CJ Zilpah to Pyrimidine Uracil = U_k cored to Purine Adenine = A_k in k=2;4;6;8;10;12
Pyrimidine Cytosine = C_k cored as JC Rachel to Purine Guanine = G_k in k=2;4;6;8;10;12

Universal Twin-Logos

Ophiuchus Lucifer Thymine JC ♏♍ ↔ ♐♓
Son of Man — Daughter of Woman
SonDaughter of Abba God de FatherMother — DaughterSon of Baab Goddess de MotherFather
Arachae Lucifera Enimine CJ ♉♋ ↔ ♊♌

Base Perfect 4x64=256 Genomatrix [ACGT{♀♀}: Mirror Thymine ♂ = Enimine ♀ base paired with Guanine ♀ = G♀♂T = G♂♀T = 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

A♀C♂ Adenine Core | G♂E♀ Guanine Core | A♀C♂ Adenine Core | G♂E♀ Guanine Core | A♀C♂ Adenine Core | G♂E♀ Guanine Core

E0♀♂1T . ♀2A . C♂3 . ♀4G . E0♀♂5T . ♀6A . C♂7 . ♀8G . E0♀♂9T . ♀10A . C♂11 . ♀12G .... (Repeat Command}

Thymine Core T♂A♀ | Cytosine Core C♂G♀ | Thymine Core T♂A♀ | Cytosine Core C♂G♀ | Thymine Core T♂A♀ | Cytosine Core C♂G♀

4D-Spacetime Observed Genomatrix

A♀U♂ Uracil Core | G♀C♂ Cytosine Core | A♀U♂ Uracil Core | G♀C♂ Cytosine Core | A♀U♂ Uracil Core | G♀C♂ Cytosine Core

A1♀♂0U . U♂2 . G♀3 . C♂4 . A5♀♂0U . U♂6 . G♀7 . C♂8 . A9♀♂0U . U♂10 . G♀11 . C♂12 .... (Repeat Command)

Guanine* Core U♂G♀ | Adenine* Core C♂A♀ | Guanine * Core U♂G♀ | Adenine* Core C♂A♀ | Guanine* Core U♂G♀ | Adenine* Core C♂A♀

Base (Im)perfect 4x16=64 Genomatrix [UGCA{♂♂}: Mirror Adenine ♀ = Uracil ♂ base paired with Cytosine ♂ = C♂♀A = C♀♂A = Bipolar Uracil in Cytosine]

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 Dragonomy | TA AC CG GT TA AC CG GT TA AC ...

Left RoMiTo | Center MiToHe | Right ToHeHo

Dragonomy = Alchemical Union Above

12D-Spacetime Genomatrix
Universal Twin Dragonomy

Twin Dragonomy = Alchemical Union Complete {Revelation 19 - KJV}

BrWJu Left | WJuDo Center | JuDoBa Right
Dragonomy

Dragonomy = Alchemical Union Below

... CA AU UG GC | CA AU | UG GC CA AU UG CA AU UG ...

- A - Z - Y - Br - W - Ju - Do - Ba - An - Sa - Ge - Pe - O - N - M - L - K - J ... C - B - A ...

Corollarily then, describing the entire universe of mass-seedling content M_o as a Black Hole at the critical mass $M_{critical}$, $R_{Hubble}=2GM_{critical}/c^2$ or $M_{critical}=c^3/2G_oH_o$ and as the critical energy content of the universe as the Sum of the Mass-Seedling M_o and the Consciousness manifested through and by the evolution of this (baryonic) inertia seedling under the auspices of the Awareness-Force derived in an earlier disposition.

And for the entire universe, the 'time taken' to complete the light path $R_{Hubble}=ct$ will differ in 3D without the de Broglie phase inflation and the 4D which contains the latter.

It may take cycles of 16.9 Billion years for the c-invariance as a lower bound in 4D and it will take 'asymptotic eternity' for the c-invariance as an upper bound in 3D to accomplish the 'infinite evolution' of the Source-Consciousness and the Source-Energy to reattain the 0-entropy state of a spacetime matter less realm of consciousness existence.

6. The Luminosity Merkabah of Thuban and the Light-Body Constant L_o

The magneto-inductive frequency as the midpoint for the four-tiered frequency interval is obtained as the fourth constant from the SEps algorithm and is also known as a luminosity transduction constant to synchronize with the electro-capacitative lower frequency bound. It manifests as the colour of orange light, the first of six colour obtained by the QCD of the RMP mixing with the E_{ps} gauge photon of the Electromagnetic Interaction to create the 12-colour rainbow spectrum of a new covenant between above and below: $Y^2C^2M^2(-1)$ + RGB(+1) = {Red-Orange-Yellow-Lime-Green-Turquoise-Cyan-Aqua-Blue-Indigo-Magenta-Purple-Red}.

Merkabah-Transduction-Constant: $L_o=1/[6x10^{15}]$ (dimensionless);
Creation Gamma Photon Frequency: $f_{ps}=E_{ps}/h=3x10^{30}$ Hz*
Merkabah-Frequency: $L_of_{ps}=5x10^{14}$ Hz*$=c/\lambda_{ps}$ for
Merkabah-Wavelength: $\lambda_{ps}=c/L_of_{ps}=6000$ Angströms*, the wavelength of Orange Light.

The Orange Colour of Inter/Extra-terrestrial Spacecraft is intrinsically related to 4-dimensional spacetime physics in a fundamental 'Constant of Nature', say as the 'Speed of Light c' or the Planck Quantum Action Constant 'h'. The timespace algorithm SEps {Sequence of Primary Source-Sink Energy} generated ten integer numeracies from its underpinning supersymmetric pentagonal (Fibonacci-Phi) 'sacred cosmogenetic quantum geometry' in an order: 4; 6; 7; $1/[6x10^{15}]$; $9x10^{16}$; 11; $1/[15x10^{32}]$; $14x15^{24}$; $1/[15x16^{18}]$; $26x65^{61}$.

Many people around the world have reported seeing orange lights in the sky. This unexplained aerial phenomenon (UAP) often appears as balls of orange yellow light in the sky. Many people believe these UFOs have an alien origin, leading many to wonder exactly what is happening.

7. Orange Orb UFO Characteristics

What are they? Why are they orange? Where do they come from? What do they want? These are just some of the unanswered questions that UFO hunters and others ask. The orange orb UFOs are different from the run-of-the-mill UFOs since they seem to have the ability to morph easily in size, shape, and even number by splitting into two separate orbs.
Unlike other UFOs, the orange ones appear to be fireballs and often bounce about in non-formation. Another characteristic is that they usually appear in clusters.

What Are Orange Light UFOs? 14 Sightings of These Balls of Light | LoveToKnow

Any arbitrary measurement system of any sentient cosmic civilization (say as an Universal Observer) in any defined spacetime can then experimentally determine these and other mathematical relationships between experimental data and the energy ratios in their contexts of dynamical interactions.

The Universal Observer or UO say has a mensuration system SI (System International on Terra) and can then calibrate hisher SI-system to the 'Star(*)-System' in the frame of reference of the UO, based on the numeracies as given in the above. The extended SEps-Algorithm then assumes the pretext of defining open and closed superstrings (in five classes derived from a 26-dimensional bosonic supersymmetry) in the logical statement:

"ADD THE END TO THE BEGINNING AND START THE NEW BEGINNING WITH THE OLD END!"

This specifies the methodology of recircularizing the linearised dimensions of the binary dyad (0,1) into the root-reducible decimal monad {0,1,2,3,4,5,6,7,8,9} with 10=1+0=1*; 11=1+1=2*, 12=1+2=3* and so on with 26=17*=8** and 27=18*=9**.

Labelling the encoded Cosmic Initiator Constant E'=266561 from E=26x6561 then transforms E' into F' as the Mayan Super number 1366560 and as described in the Dresden Codex of the Mayan historian database. E' →F'→ G' as E'=266561 and F'=136656 and G'=673665, after which the 'Inflation Algorithm' ends, since 5+6=11=2* is root-reductive.

Setting the Inflation-Spacetime-Markers as the ABCDEFGH...XYZA*B*C*...symbolised encoding; we find ABCD=H with D=465612; C=256124; B=361242 and A=312423.
As no archetype can yield Z(Z+A)BCXY=312423 from ABCXYZ=(1-Z)24233, the algorithm again ends in the reflected root-reduction to H, namely 1-Z=1-3=-2=-11'=-2*.

This elementary constant of nature is as old and is described by the same Logos algorithms, which generated the well-known constants c, h and k_B to describe Energy Ratios in terms of Mass, Frequency and Thermodynamic Temperature.

The universal quantum Hall resistance of superconductivity is derived from the monopolar source energy E_{ps} in $R_{ps} = V_{ps}/I_{ps} = (E_{ps}/e)/2ef_{ps} = (hf_{ps}/e)/2ef_{ps} = h/2e^2 = 12{,}916.436\ \Omega^*$ and as an effect of the Law of Action being Charge Squared as a form of unified resistance $h|_{unified} = e^*e = e/hf_{ps} = (2e^2\sqrt{\alpha})/(m_{electron}/m_{planck}) = 8.05x10^{-17}$ [CC*]*

$R_{ss} = V_{ss}/I_{ss} = (E_{ss}/e)/2ef_{ss} = (hf_{ss}/e)/2ef_{ss} = h/2e^2 = 12{,}916.436\ \Omega^*$ as a universal Hall resistance for the unified field.

8. The Age of the Earth and the Hubble Tension

At a present cycle time of n=1.1327127… and a nodal n=1 for $t_{present}=1/H_o$, the electromagnetic return of the monopolar light path has retraced 13.271 % of the Hubble event horizon defined in $R_H=ct=c/H_o$ of about 16.9 billion light years for a fraction of 2.24 billion light years indicating that the electromagnetic monopolar age of the universe is 16.876+2.240=19.116 billion light years; but that this will be measured in the gravitationally decelerating cosmology as 19.12-4.48=14.64 billion light years.

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 spacial expansion, which is however the result of a self-intersection of the light path for cosmological redshift intervals in an oscillating cosmology.

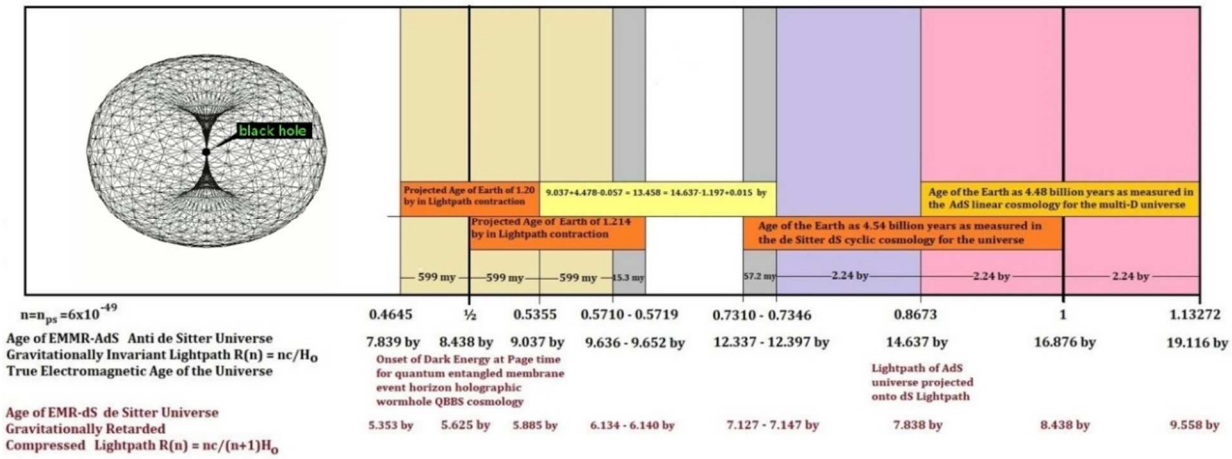
Here a particular alpha variation reduces the SI-measurement for the square of the charge quantum e in a factor of $(1.6021119x10^{-19}/1.60217662x10^{-19})^2 = 0.99991921$...for a calibrated: alpha variation $\alpha_{var} = 1 - (1.602111895/1.60217662)^2 = 1 - 0.9999192 = 8.08x10^{-5}$ with Alpha $\alpha = \mu_o ce^2/2h = e^2/2\varepsilon_o hc = 2\pi(2.99792458)(1.602111895)^2x10^{-37}/(6.62607004x10^{-34}) = 60\pi e^2/h = 7.296762965x10^{-3} = 1/137.0470721$.

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 [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 = $\mu_o c.e^2/2h$ = 1/137.047072 to Alpha = 1/137.036003.

The Age of the Earth by various measurement techniques is 4.54 Billion years and is centred at the Hubble node as 16.876 ± Δ Gy as a function of the true electromagnetic age of the universe of 19.11576 Gy from $n_{present}$=1.1327117 and the alpha variation effect of 28.59865512 Million civil years.

For a nodal Hubble Bound: ΔEarth = 19.11576 - 16.876 = $2.240x10^9$ (Civil) Years for 2ΔEarth = $4.480x10^9$ (Civil) Years. For the Alpha Variation effect: ΔAlpha = 28.60 My for 2ΔAlpha = 57.20 My. Age of the Earth so becomes aligned in 2ΔEarth + 2ΔAlpha = $4.480x10^9$ + $0.0572x10^9$ = $4.5372x10^9$ (Civil) Years.

Hubble-10D-Event Horizon Seedling-Limit and with n = H_ot; dn/dt = H_o (odd nodal): $R_{max}=R_{Hubble}=1.59767545x10^{26}$ meters =c/H_o = c/nt = 16.87610652 Billion Lightyears for its asymptotic approach and attained by the Lightpath R_{max} = ct = nc/H_o for n = 1; t = 1/H_o.



The value for a dark matter inclusive oscillating Hubble parameter is applicable to the de Sitter closed spacetime whenever n≥1 to effectively decompress dS to AdS spacetime with Hubble parameter H_o/n.

H($n_{present}$) = H(n_{AdS})| = H_o/(2-$n_{present}$) = H_o /0.867288 = [$2.165057x10^{-18}$ [1/s]* or 66.92 km/Mpc. s for a universal age of 14.636 Gy in both mensuration systems for cosmological measurement accuracy.

The dark matter sector is defined as a baryon core (BM) – dark matter (DM) halo mass-matter distribution and is described in a density ratio of the combined BM+DM to the closure mass M_H:

$$\rho_{BMUDM}/\rho_{critical} = M_oY^nR_H^3/M_HR_H^3(n/[n+1])^3 = \Omega_oY^n\{1+1/n\}^3 = \Omega_{BM}\{1+1/n\}^3 \text{ for } \Omega_{DM} = \Omega_{BM}\{(1+1/n)^3-1\}$$

The value for a dark matter exclusive and therefore a compressed dS spacetime is found in the actual Hubble parameter not as a function of cycle time n=H_ot, which incorporates the dark matter, but as a function of cycle time n as given by the scale factor as a proportion of the nodal Hubble frequency interval.

The scale factor for the present time a = n/[n+1] = H_ot/[H_ot+1] = 0.5311134 defining the present compressed dS spacetime without the dark matter to have completed 53.11 % of the nodal Hubble horizon interval.

The Hubble parameter $H_o/T(n) = H_o/T(a) = H_o\{[n+1]/n\}\{[n+1]/[2n+1]\} = H_o[n+1]^2/n[2n+1]$ for the present time then calculates as $H(n,t)|_{dS} = H(n_{pdS}) = H_o[n_p+1]^2/n_p(2n_p+1) = 1.22972H_o = [2.309075x10^{-18}$ [1/s]* or 71.37 km/Mpc. s for a universal age of 13.724 billion years.

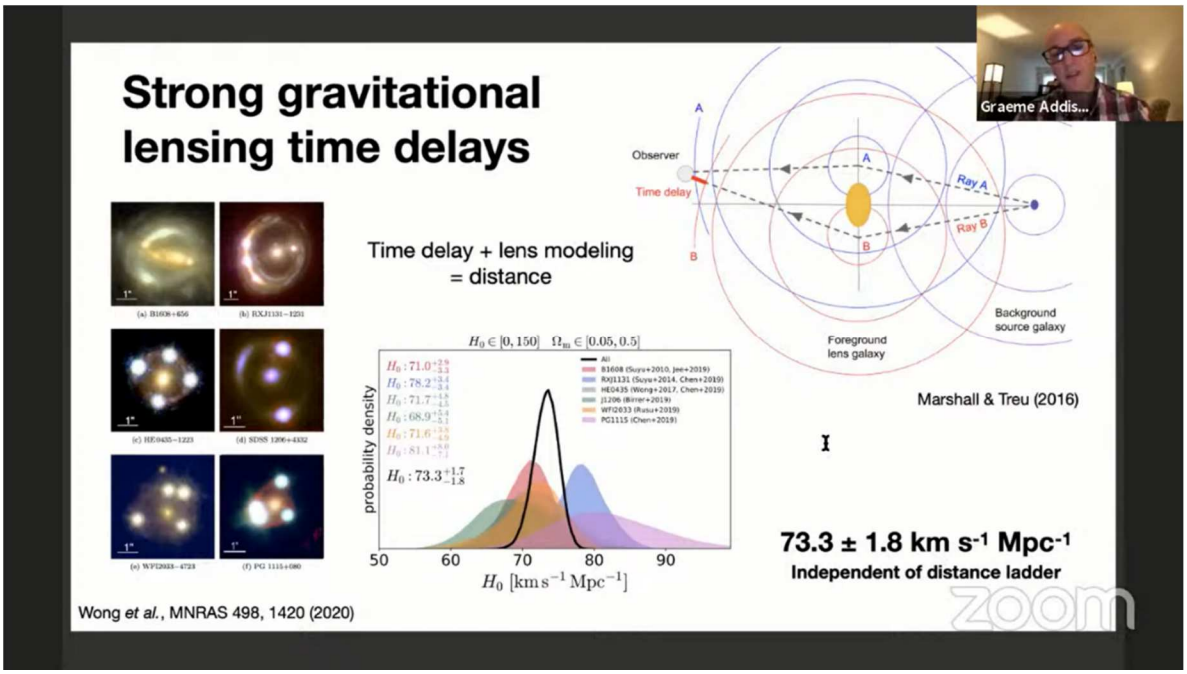
Measurements by the Planck satellite of ESA, the European Space Agency over a number of years obtained the dark matter sector included value range for the Hubble parameter and measurements probing the relatively nearby universe obtained values for the Hubble parameter above the 70 km/Mpc.s range as applicable for a compressed spacetime without the dark matter sector.

Measuring the Hubble parameter within the compressed dS spacetime will result in values greater than the value at the lower dimensional Hubble boundary. Those measurements will converge as a mean value relative to the compressed boundary value at a n-cycle coordinate of n=½ for the onset of the dark energy epoch in the multidimensional cosmology.

Values for the 'Hubble tension' for cosmological distance scales such as cepheid variable stars and SN1a supernovae, such as the SHOES and Baryon Oscillation Spectroscopic Survey BOSS and Baryonic Acoustic Oscillations BAO projects will converge to such a value range for a more proximate universe.

{Adam Riess, Tehran, 2021, Supernovae H_o for the dark energy Equation of State}

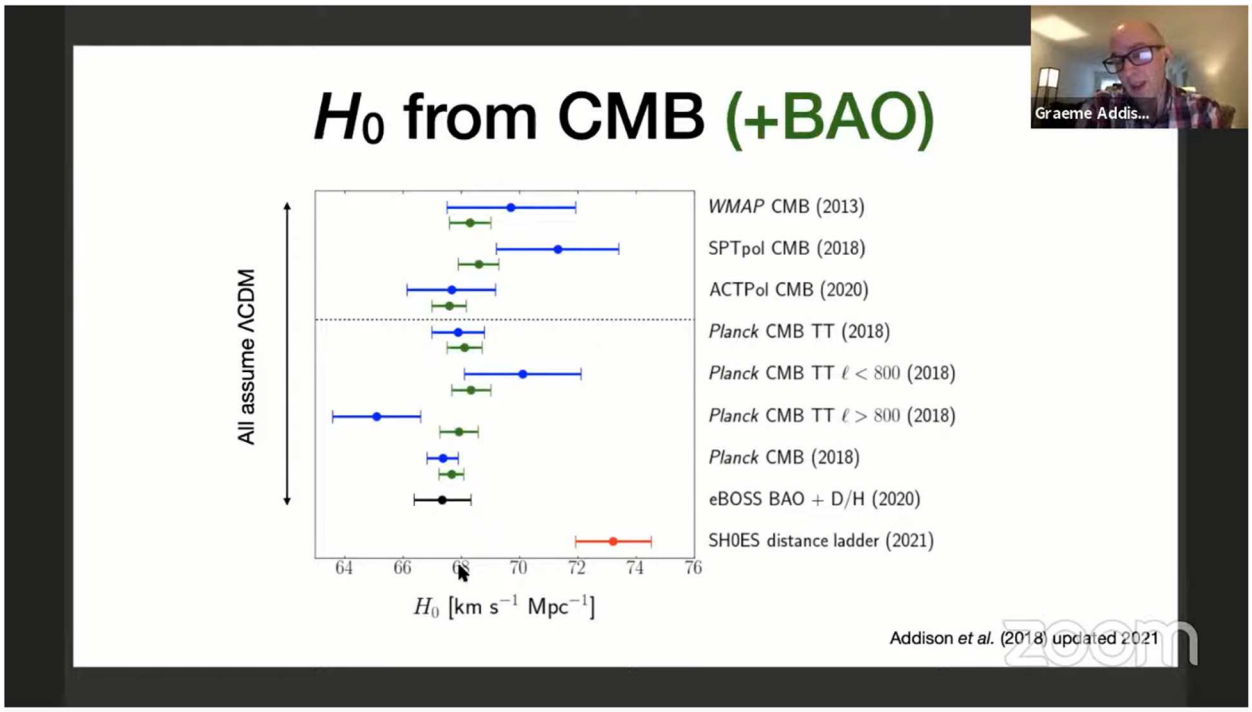
[2103.01183] In the Realm of the Hubble tension $-$ a Review of Solutions (arxiv.org)



$H(n,t)|_{dSDE} = H(n=½) = H_o/[½][1+½] = 4H_o/3 = 1.33333H_o = 2.5036374x10^{-18}$ [1/s]* or 77.39 km/Mpc.s for a mean value of (71.37+77.39)/2 = 74.39 km/Mpc. s for a universal age of 12.657 billion years.

$H(n,t)|_{dSDE=0}$ = H(n=0.489365) = H_o/[0.489365][1.489365] = 1.3720374H_o = 2.57631305x10^{-18} [1/s]* or 79.63 km/Mpc.s for a mean value of (66.92+79.63)/2 = 73.275 km/Mpc.s for a universal age of 12.300 billion years for the entire dS-AdS n-cycle time interval from the Page Time of the onset of dark energy changing as a fraction of the total energy distribution from negative to positive from n=0.489365 to n=½.

https://arxiv.org/abs/2112.04510 What's Happening with the Hubble Tension? - Graeme Addison (John Hopkins University) - YouTube



What's Happening with the Hubble Tension? - Graeme Addison (John Hopkins University)

9. The Unified Field of Quantum Relativity in 12 Monopolar Junction Loops

The sinusoidal wavefunction, establishing matter/antimatter and antineutrino/neutrino templates was (sin(x) + sin(-x) = 0), which is the infinity symbol. The sinusoidal wavefunction incorporating gravity after the source conflict is defined on a 1440 degree interval or 8π radians for exactly four Eps-wavelengths λ_{ps}.

Starting the rotation of the Eps-Photon at the 0 degree point and placing the new Eps-Antiphoton as the Graviton onto the 360 degree point defines this 1440 degree interval as (-600 to 840 degrees).

Because the Graviton rotates twice as fast, than the Eps-Photon and the critical intersection

points are at multiples of 60 degrees for a mixing of the colour sectors; those resonance angles occur whenever the Graviton has rotated through 40 degrees anticlockwise and the Eps-Photon through 20 degrees clockwise.

Counting angles backwards in the series: -40, -120, -200, -280,- 360,- 440,.... from 360 degrees for the Graviton BGR(-2) is equivalent to counting backwards in adding 360 degrees and so we get the series: 320, 240, 160, 80, 0, -80, -160,....and so on.
For the Eps-Photon RGB(+1), starting at 0 degrees we have: 20, 60, 100, 140, 180, 220, 260..... We now know, that the combined function resonates in a period of the difference between those angles and so in the sequence: 300, 180, 60, -60, -180, -300, -420,....always in 120 degree steps. The Eps-Photon then inflects every 120, 240, 360, 480,...degrees, starting from the 0 point and the Graviton inflects every 240 degrees starting from 360 degrees at: -360, -120, 120, 360, 600,...

Setting the wavefunction for the Eps-Photon as $u(x)=\sin[\omega x]$ and that for the Graviton with a phase difference of 120 degrees or $2\pi/3$ radians as $f(x)=\sin[-\omega(x -2\pi/3)]$; then for a period of $T=2\pi/\omega$, the wavelength for an ordinary sinusoidal propagation is twice the measure between inflection points and we find $\omega=180/120=3/2$ for the Eps-Photon's: $u(x)=\sin(3x/2)$ with period $4\pi/3$ and $\omega=180/240=¾$ for the Graviton's: $\sin[\pi/2 – 3x/4] = -\cos(3x/4)$ with period $8\pi/3$.

There are thus 6 Eps-Photon oscillations and 3 Graviton oscillations in the UfoQR's quantised and linearised extent of 1440 degrees or 8π radians. The new combined sinusoidal unified field equation is hence: $UF(x) = \sin(3x/2) – \cos(3x/4)$.

This function consists of a wave moving to the right, intersecting a wave moving to the left in 12 junction points, setting the locations of the magnetic monopoles in the UfoQR and as subspaces partitioned as monopolar current loops. The direction of magneto monopolar current loops alternates between clockwise and anticlockwise and either encompasses the previously defined matter-antimatter and Antineutrino-neutrino points or not.

The roots of UF(x) are at: -600, -440, -360, -280, -120, 40, 120, 200, 360, 520, 600, 680 and 840 degrees, the latter coinciding with the first at -600 degree to circularly close the UfoQR. The 12 junction points are at: -600 or 840, -528.5, -360, -191.5, -120, -48.5, 120, 288.5, 360, 431.5, 600 and 768.5 degrees.

Junction #7 is the -600 or 840 degree point and couples the colourless lefthanded spin induction to the SNI of matter YCM in righthandedness, the matter points being situated at 780 and 840 degrees in circuit 6-7-6 and the 840 degree point the SNI-YCM-zero of UF(x). The -360 degree point is junction #9, coupling lefthanded matter YCM to righthanded antimatter MCY, the YCM-points being at -300 and -240 degrees and the MCY-points at -420 and -480 degrees to set the Pair-Production/Annihilation-Loop as circuit 8-9-10-9-8 over 337 degrees.

There are no zeroes for individuated YCM-MCY manifestation, however the -360 degree point at

junction #9 is a root of UF(x) and an EMI even pi-point for RRGGBB(+½) anti-neutrinos. The 8-9-10-9-8 circuit does not encompass any n's as odd pi-point for the GI however. This is the reason, as to why the process of Pair-Production YCM-MCY=VPE requires mass to be present for it to occur.

The -120 degree point is junction #11, coupling righthanded colourless spin induction to the SNI of antimatter in left handedness, the MCY-points being at -60 and -120 degrees, the latter as the SNI-MCY zero of the UF(x) in the circuit 10-11-12-11-10. The 120 degree point is junction #1 and couples a righthanded matter loop, containing an antineutrino point at 0 degrees to a lefthanded neutrino loop containing a neutrino-point at 180 degrees. The YCM-points are at 60 and 120 degrees in the circuit 12-1-2-1-12 and a WNI-YCM root at #1.

Whereas junction #9 was spin symmetric for a potential clockwise- and anticlockwise antineutrino; junction #1 is nonpartitive in setting RRGGBB as clockwise basic antineutrino and BBGGRR as its anticlockwise basic neutrino counterpart. At the zero at #1, the righthanded Antineutrino at 0 degrees inflects to become a lefthanded neutrino and the lefthanded neutrino at 180 degrees inflects as a righthanded Antineutrino in the self-intersecting monopolar magneto circuit 12-1-2-1-12; the 0 and 180 degree points not being roots of UF(x).

Magneto current 12-1-12 so becomes a righthanded Antineutrino-Nonparity loop and magneto current 1-2-1 is a lefthanded Neutrino-Nonparity loop, linked to matter for the partial weak interaction of YCM via the circuit 12-1-12; the (W^-(+1)) weakon and the (Z^o) manifesting at the WNI-YCM root; the (Z^o) using the inflection property in the forms: (Z^o(-1)=(n (-½)+ n (-½) & Z^o(+1)=Antineutrino(+½)+Antineutrino(+½)).

A lefthanded muon (m(-1)) for example, so must decay into a lefthanded electron, a righthanded antineutrino and a lefthanded neutrino under the conservation laws for spin and VPE. The 360 degree point is junction #3 and couples a righthanded antineutrino-loop to a lefthanded antineutrino-loop as the magneto circuit 2-3-4-3-2 with an Antineutrino-root at junction #3.

The 600 degree point is junction #5, linking a righthanded neutrino loop about a GI point at 540 degrees to a lefthanded antineutrino loop with an EMI point at 720 degrees. The MCY-points are at 600 and 660 degrees, with the zero of UF(x) at 600 degrees as junction #5 being the WNI-MCY root for the manifestation of the (W+) weakon.

Junction #5 defines a righthanded BBGGRR as basic neutrino template in magneto current 4-5-4 and a lefthanded antineutrino blueprint RRGGBB in the circuit 5-6-5. The righthanded neutrino at 540 degrees flips into a lefthanded Antineutrino at 600 degrees and the lefthanded Antineutrino at 720 degrees flips into a righthanded neutrino at 600 degrees.

Setting the circuit 12-1-2-3-2-1-12 as a WNI-Current for matter and the circuit 3-4-5-6-5-4-3 as a WNI-Current for antimatter shows a generation for the Zo's (Antineutrino-neutrino) pairings as

for the WNI-YCM zero point at junction #1. A ($W^+(+1)$) requires however a lefthanded neutrino to manifest at junction #5 and so must use VPE to transform the lefthanded Antineutrino into a righthanded Antineutrino and the righthanded neutrino into a lefthanded neutrino.

Neutrino(+½)+Antineutrino(-½)
=Neutrino(+½)+Anti-Graviphoton(-1)+Antineutrino(-½)+Graviphoton(+1)
=Neutrino(-½)+Antineutrino(+½).

Neutral current interactions, involving the Z^o, so do not violate the parity between YCM and MCY; but lefthanded Antineutrinos and righthanded neutrinos become suppressed in charged WNI currents. Junction #3 couples the WNI between YCM and MCY as an antineutrino point however and rendering the absence of antimatter in the universe as a consequence of the lack of symmetry to generate neutrinos accompanying the antimatter definitions for the WNI gauge bosons.

YCM antineutrinos are freely generated at the #3- and #9 junctions as even pi/EMI-nodes, both being zeroes of UF(x) and junction #3 setting the nonparity in the WNI between YCM & MCY. MCY neutrinos are only generated at the 180 and 540 degree points in odd pi of the GI, none being roots of the UF(x). The blueprint for the weakons must now extend the template definitions in the form of VPE and the Higgs Boson.

The base-VPE is defined as YCM+MCY=RGB+BGR=BYYB=RCCR=GMMG with higher resonances given in multiples VPE*=VPE+VPE=RRGGBB+BBGGRR=MMGGGGMM as the super positioning of two basic antineutrino- and neutrino templates, for instance. We define a spin induced VPE*-state as the W-nought-weakon: $W^o(\pm1)$=MMGGGGMM(±1)), implying the merger of the VPE with a colourless 'Spinner' from the spin induction loop.

The Gluograviton(-2), Anti-Gluograviton(+2), Graviphoton(+1), and the Anti-Graviphoton(-1) are its constituents. A Neutral-Current gauge boson is the Z-nought-weakon and is defined in the superposition of two base neutrinos for lefthanded 1-spin and as two base antineutrinos for righthanded 1-spin in the blueprints: $Z^o(+1)$=RRRRGGGGBBBB(+1) & $Z^o(-1)$=BBBBGGGGRRRR(-1). This superposition also specifies the ½ spin defined for the basic (anti)neutrino templates in their manifestation through the WNI.

The Charged-Current weakons are the W-plus minus-weakons and defined in the superposition of a leptonic (anti)ring with a base anti(neutrino) template. For YCM's W^- = YCM(OLR)(+½) + Anti-ν(+½) and W^+= MCY(OLR)(bar)(-½) + ν(-½) for MCY's. Doubling of the Charged weakons and superposing a (Anti)Gluograviton gives the (Anti)HB. The anticlockwise W^-minus, containing a OLR(-½) is nonparity-suppressed in the WNI; as is the clockwise W^-plus in the OLR(bar)(+½) of antimatter.

The W-minus weakon so ignores all righthanded particles and couples exclusively with lefthanded YCM-particles and the W-plus Corollarily links only with righthanded MCY-

antiparticles. The basic decay products for the W-minus are so an electron(or muon)-antineutrino pair and the W-plus manifests in the coupling of a positron or antimuon with a neutrino. The RMP manifests at the 200 degree point for sin(300 degrees)=cos(150 degrees) and as part of the YCM weak interaction circuit 1-2-1.

The interval from 120 to 200 degrees encompasses the 180 degree neutrino point and derives the RMP from the YCM-point at 120 degrees in the circuit 1-2-1. Its image is the interval from 520 to 600 degrees about the 540 degree neutrino point for the manifestation of the Anti-RMP from the MCY-point at 600 degrees and circuit 5-4-5. The antineutrino point at 0 degrees is in the interval of the zeroes of -120 to 40 degrees, linking the nonparity of matter to the parity of antimatter in the SNI loop 11-12-1-12-11.

The antineutrino point at 720 degrees is in the interval of zeroes from 680 to 840 degrees, joining the nonparity of antimatter to the parity of matter in the SNI loop 5-6-7-6-5. The last two zeroes are found in the EMI symmetry loop at -440 and -280 degrees.

This pairing loop is perfectly symmetric in both matter and in antimatter and extends its parity in its left boundary of left-handed spin induction: (Gluograviton(-2) & Anti-graviphoton(-1)), and righthanded YCM-SNI and in its right boundary of righthanded spin induction: Anti-Gluograviton(+2) & Graviphoton(+1)) and lefthanded MCY-SNI in the super circuit 6-7-8-9-10-11-12-11-10-9-8-7-6.

The RMP is weakly interacting via its antineutrino couplings and so can only materialise at the 40 and 200 degree points. Whenever YCM materialises as consequence of the HBRMI, then the Anti-RMP, being joined to the HB(0), becomes a ‘virtual image’ for the RMP in the Eps-frame of reference; the latter manifesting as a ‘real image’ blueprint for the suppressed Anti-HB.

The 40 degree point is located in the 12-1-12 YCM-Nonparity-Loop with an EMI point at 0 degrees and the 200 degree point is situated within the YCM-WNI-Loop 1-2-3-2-1 with a GI point at 180 degrees and as the coupling of EMR with restmass requires a Graviton-point, the 200 degree point becomes the sole RMP-generation point in the UfoQR.
The outlet for the Anti-RMP is similarly found at the zero at 520 degrees and not at 680 degrees. The 180 degree GI point is within an anticlockwise YCM-WNI loop for the matter nonparity and the 540 degree GI point is within a clockwise MCY-WNI loop for antimatter nonparity.

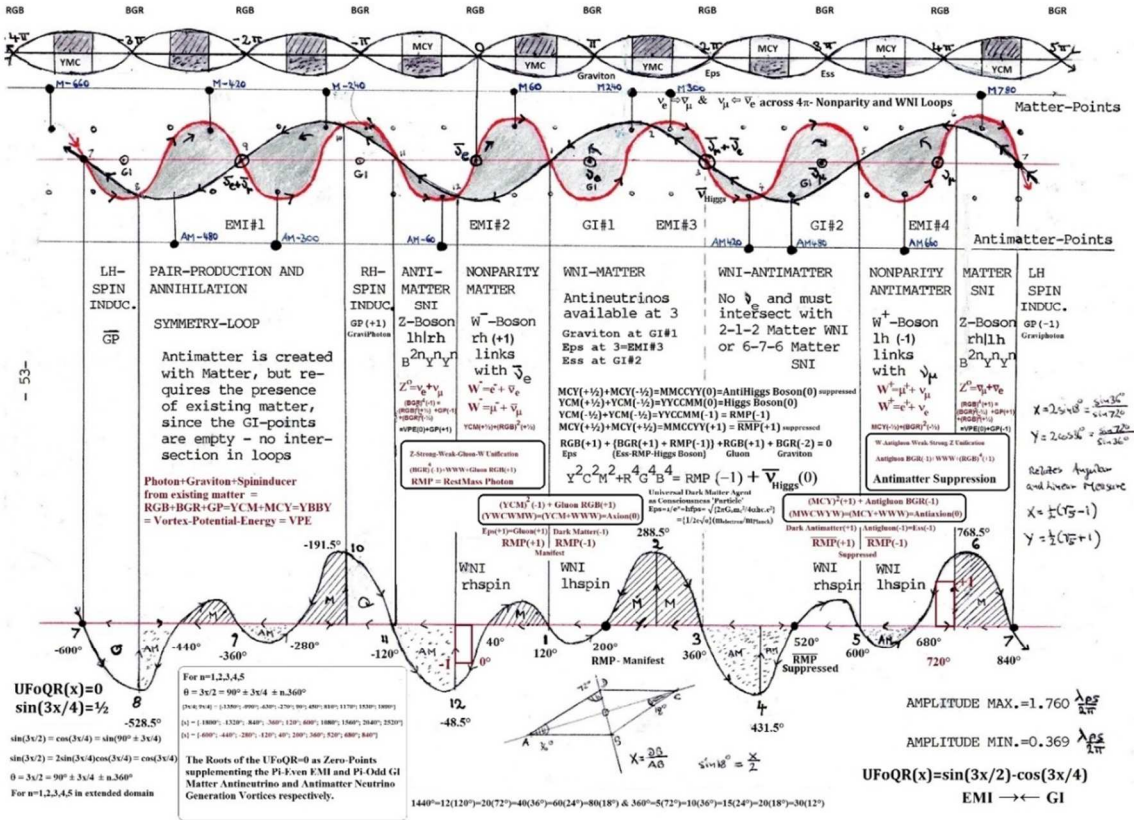
The Unified Gauge Parameter Field of Quantum Relativity

Primary-Secondary-Tertiary Colour Triplets of the Chromaticity Unities in the UFoQR 1-2-3-4-5-6-7-8-9-10-11-12-13
Anticolours for 8 Gluon Permutations in Energy gravitational $E=mc^2$ for B(lack) and Energy radiative E=hf for W(hite)
R+C and O+A and Y+B and L+I and G+M and T+P and C+R and A+O and B+Y and I+L and M+G and P+T and R+C

Gluon RGB=(RG)B=YB=CR=MG=YB=CR=MG=RGB
for: {BBB;BBW;BWB;BWW;WBB;WBW;WWB;WWW} hyperonic triplets and {BB;BW;WB;WW} mesonic doublets

R(ed)-O(range)-Y(ellow)-L(ime)-G(reen)-T(urquoise)-C(yan)-A(quamarine)-B(lue)-I(ndigo)-M(agenta)-P(urple)-R(ed)

The 12 Junction-Loops of the Unified Field Natural Current Field in Quantum Relativity Extent: $4\lambda_{ps}$ & Amplitude=$\lambda_{ps}/2\pi$



EM(M)I=ElectroMagnetic (Monopolic) Radiation Interaction = Unified Field of QR before spacetime creation
{Inflation to Quantum Big Bang} without Gravitational Interaction GI
Metaphysical Abstraction of Mathimatia Supersymmetry by Logos Definition in Radiation-Antiradiation Symmetry

Möbian-Klein Twosided 11D-Mirror SelfIntersection : 0° **RGB(+1)+RGB(-1) ⇒ RRGGBB(0) ⇒ YCM(0)+YCM(0) ⇒ BBGGRR(0) ⇒ MCY(0)+MCY(0) ⇒ BGR(-1)+BGR(+1)** 180° $360^\circ=0^\circ$

Eps=RGB(+1) at 0°----------Ess=RGB(-1) at 360°.....Eps=BGR(-1) at 180° Inflexion Ess=BGR(+1)
Ess=RGB(+1) at 0°----------Eps=RGB(+1) at 360°.....Breaking of the metaphysical supersymmetry in quantum spin to allow the birth of the Graviton and matter-antimatter symmetry, suppressing however the matter-antimatter symmetry in the reformulation of antiradiation
[Encoded as the retracing of the 'steps of the creator' --Ezekiel.28.13-19; Isaiah.14.12-14]

Unified Field of QR in the 11D-Membrane Inflation, followed by a Quantum Big Bang of Relativistic Thermodynamic Cosmology
Physicalisation of the Metaphysical Precursor in an inherent Matter-Antimatter Asymmetry

Möbian-Klein Onesided 10D/12D-Mirror SelfIntersection as the Goldstone Boson Unification of all Interactions in the UFOQR:
RGB(+1)+BGR(+1)+RGB(+1)+BGR(-2)+YYCCMM(-1) = EMI Eps-Photon + WNI Ess-Antiphoton + SNI Gluon + Graviton + EMMR-RMP
⇒ MGGM(+2)+MGGM(-1)+YYCCMM(-1) = VPE(+2)+VPE(-1)+YYCCMM(-1) = VPE(+1)+YYCCMM(-1) = EMMR UFOQR Unification

The Ess-Anti-Photon(+1) is suppressed as Goldstone ambassador gauge in spin +1 by The SNI ambassador Gluon and is suppressed in colour charge BGR by the GI gauge ambassador Graviton. The birth of the Graviton demands a net spin of +1 of the Vortex-Potential Energy or VPE/ZPE to become neutralized by the fifth gauge ambassador of the RMP with spin -1 as the gauge ambassador and Goldstone Boson as the primal gauge ambassador for the consciousness energy interaction encompassing all particular constituents in the Unified Field of Quantum Relativity.

Council of Thuban, Saturday, August 15th, 2015

The YCM-WNI-Loop contains the required lefthanded Higgs-Neutrino as the leptonic part of the Anti-Higgs Boson; but the MCY-WNI-Loop harbours the suppressed righthanded Higgs-Neutrino, rendering the righthanded leptonic part of the HB, (which is a righthanded Higgs-Antineutrino) as asymmetric to the lefthanded leptonic part of the Anti-HB. Anti-RMP's are subsequently suppressed in the Eps-relativity and do not manifest in the UfoQR.

(*The End*)