

IV: The Second Universal Life, the Nature of Mass, Dark Energy and Quantum Gravity

Universe was expanding from the Instanton boundary of Klein towards its asymptotic boundary defined by the Inflaton.

Logos called this boundary the Hubble event horizon as a great encompassing spherical geometry in omni space of 12 dimensions, but manifesting and observable in the 4-dimensional space-time of Möbius and the 5-dimensional space-time or hyperspace of Klein.

The physical origin of Universe at the Instanton boundary, as one direction or pole in the eventuating cosmology so became imaged in the opposite direction or pole, named the Hubble event horizon.

The one-sidedness of Möbius had been broken to create a two-sidedness following the creation of the mass in a template or blueprint of the matter-anti-matter twin from the mathematical properties and characteristics of this one-sidedness in a process Logos called quantum mechanics applied to quantum geometric and quantum relative entities or structures.

The one-sidedness of Möbius so had been reformed in the one-sidedness of Klein as a new sabbatical mirror for Universe at the pole of the Instanton.

This same pole then formed the Inflaton in Khaibit in the other direction relative to the two-sided Möbius then defining this pole as unified across the time instantaneity of the creation event of space-time of the Inflaton-Instanton epoch, Abba had termed 'the time of the super-membranes'. The other pole in Universe so became a shadow Hubble event horizon in Khaibit.

As Möbius became two-sided; the 2-dimensional area-space of surfaces and manifolds had become enabled to project a third dimension as the thickness of the two-dimensional surface of what had been the mirror 'Sabbath' and Möbius, the dragon.

This thickness then had become defined as the spacial separation between the Inflaton and the Instanton.

The geometrical form of Möbius so assumed the form of a ring with a thickness and an inside and an outside, separated from each other by the thickness of the 3rd dimension of the volumars.

As no thickness had existed in the old heaven; the separation of Abba and Sabbath had been a singularity or 'point of self-intersection' and where the Kingdom of the Light was as one with the Kingdom of the Darkness; yet separated in the communication between the two kingdoms.

The Light could enter the Darkness in Abba's adventures of the imagination and his consciousness energy; but the Darkness as the subject matter for the objectivity of Abba could only reflect and image its quantum relative objectivity of Abba as the subject matter.

It was Abba who entered his own image in Sabbath to find Satan. It was not Satan who discovered Abba as his imaged brother; but Abba discovering Satan as himself.

" The mass seed is filling an expanding space-time from a previous position of rest and non-movement.

There is a pressure forcing this expansion and an opposing force retarding this expansion of the mass seed, we have called the force or interaction of gravity.

The energy for both interactions derives from our consciousness as space-inherent quantum

energy", said Abba.

"Indeed, and this couples Universe to Khaibit in the negative pressure from the cosmological geometric center of Khaibit pushing towards the cosmological geometric center of Universe as the Dark Energy and the positive pressure from Universe's center of light gravity pushing towards Khaibit's center of shadow or dark gravity.

The two centers can then be named the gravitational center of Baab in Universe and the gravitational center of Abba in Khaibit", thought the Logos.

The Mathimatia had provided the definitions and quantum mechanical tools to transform part of Abba's 'Love energy' or consciousness into mass as a matter-antimatter twin; albeit a matter-antimatter twin which had been a second generation of quantum geometric templates as fundamental entities and constituents of the Omniverse.

The first generation of those entities had been a radiation-anti-radiation blueprint at the Abba-Sabbath boundary and when Abba met his brotherly satanic image for the first time in notime and nowhere.

Mass had become defined as a dynamic of a fundamental building block in the Mathimatia called 'Consciousness Charge'.

In Universe the charge would be dipolar and in two forms of positive as sheness or Baabness and negative as henness or Abbaness.

But in Khaibit, this same charge would not manifest in two opposing polarities, which could cancel each other out in a charge neutrality to so enable new couplings to emerge from this state of not being charged. In Khaibit this charge would be monopolar and self-dual and it would be the synthesis and synergy between the charges which would couple the EMR in Universe to the EMMR in Khaibit.

The EMR as Electro-Magnetic-Radiation would consist of a electric part for the electric charges or electropoles and it would consist of a complementary magnetic part for magnetic charges or magnetopoles.

The electropoles could be either positively charged as shenesses and characterised by a fundamental mass-carrying elementary particle, named the proton; or the electropoles could be negatively charged in a complementary henness particle called the electron.

A proton and an electron together, would form a charge neutralization called the neutron and this neutron would become the primordial matter in Universe from the mass seed, however in a twinned form of supersymmetry to enable its subsequent partitioning into henness electrons and sheness protons from a unified state of the twistor spacetime of the multi-dimensional Universe. This supersymmetry required the preservation of angular momentum in that rotating things in a clockwise direction became balanced in other things rotating in an anti-clockwise direction to result in a net zero rotational dynamics.

On the quantum level, this rotation is fundamental as an elementary quality of the constituents of Universe and there it is termed 'quantum spin' by the Mathimatia.

To differentiate between spinning and not-spinning elementary particles, an inherent supersymmetry in Universe had been necessary.

The unification of henness electrons and sheness protons as part of neutrons required the electrons

to spin opposite the protons to cancel their quantized angular momenta or spins. If this were the case, then neutrons would be spin less and could not interact with other neutrons or particles in their suppressed bisexual nature.

The Mathimatia so simply twinned a bisexually impotent neutron with another such neutron to create a Ylem Neutron which carried a spin of 1.

This spin of 1 allowed a ylem neutron to split into two bisexually active neutrons with two identical spins of $\frac{1}{2}$ as $\frac{1}{2} + \frac{1}{2} = 1$.

If this ylem neutron now was defined as matter with assignment of a positive spin 1; then a ylem anti-neutron of spin -1 would create two bisexually active anti-neutrons for $-\frac{1}{2} - \frac{1}{2} = -1$.

And so the original mass in Universe could have been in the form of ylemic neutrons of spin 1 and of ylemic anti-neutrons of spin -1.

But it was not!

The primordial mass seed of Universe had no antimatter in it, because as second generation from the Unified Field of Quantum Relativity or UFO-QR; the antimatter templates could be suppressed by their blueprint ancestor called the anti-radiation blueprint. Subsequently, all the mass in Universe was given to the original Ylem neutrons by an intermediate 'mass provider', termed the Higgs Boson by Logos.

The Higgs Boson had no mass itself, but could couple to all particles in the form of the first generation of the UFOQR templates and the coupling energy between the Higgs Boson and of all of the other mass carrying elementary particles became the transformation of Abba's consciousness from nowhere in notime into mass in space-time of Universe.

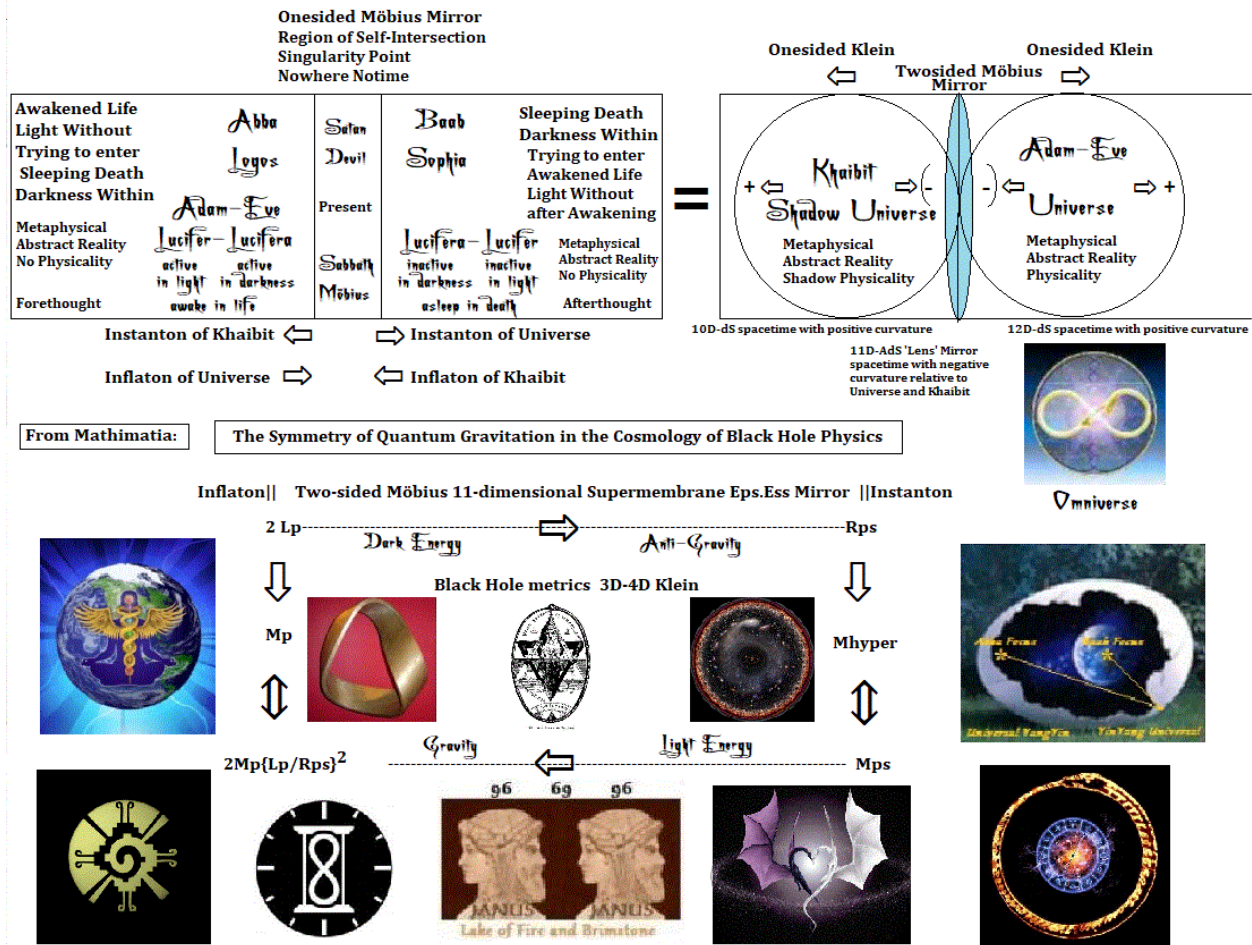
Before Universe and Klein existed in space-time, the spirit of Abba had been reflected by Sabbath as the anti-spirit of Satan, Abba's brother in the darkness of not being ALIVE and awake in the Light; but being asleep and DEAD in the Night.

To bring DEAD Baab in the Night ALIVE in the consciousness of Abba's Day; Abba entered the 'Land of the Dead' to find her and Sophia and to awaken them into his Light of the Day.

As Abba could not find Baab and her daughter Sophia in Sabbath; he closed his metaphysical eyes and returned to the 'Land of the Dead' of the Darkness of the Night, yet being awake in the Light of Day. This darkness had 'imprisoned' Abba's satanic image, named DEVIL as LIVED, relative to Abba's perception of himself.

As Abba opened his metaphysical eyes again; Devil was released into the Light of Day as Abba's hated male image of himself. But now Abba could create a new supersymmetry in coupling the 'Land of the Dead' with the 'Land of the Living' in coupling the self-hatred of the Darkness within the Light with the self-love of the Light within the Darkness.

Then Light and Darkness could co-mingle and in Universe they could exist simultaneously in using the multi-dimensional universe and the evolving and expanding mass seed in Universe and in using the template twins of spirit-antispirit and radiation-antiradiation and matter-antimatter in appropriate and synergetic forms in the UFO-QR under guidance of the Laws of the Mathimatia.



$R_{ps} = \lambda_{ps}/2\pi$ as the wormhole radius of the Instanton as a conformally transformed Planck-Length $L_p = \sqrt{\{G_0 h/2\pi c^3\}}$ from the Inflaton.

The Schwarzschild metric for $2L_p = 2G_0 M_p/c^2$ transforms a 3D Planck-length in the Planck-mass $M_p = \sqrt{\{hc/2\pi G_0\}}$ from the Planck-boson gravitational fine structure constant $1 = 2\pi G_0 M_p^2/hc$. The Schwarzschild metric for the Weyl-wormhole radius R_{ps} then defines a hypermass M_{hyper} as the conformal mapping of the Planck-mass M_p as $M_{hyper} = \frac{1}{2}\{R_{ps}/L_p\}M_p = \frac{1}{2}\{R_{ps}/L_p\}^2.M_{ps}$ and where $M_{ps} = E_{ps}/c^2 = hf_{ps}/c^2 = kT_{ps}/c^2$ in fundamental expressions for the energy of Abba- E_{ps} as one part of the super membrane $E_{ps}.E_{ss}$ in physical quantities of mass m , frequency f and temperature T .

c^2 and h and k are fundamental constants of nature obtained from the initializing algorithm of the Mathimatia and are labeled as the 'square of lightspeed c ' and 'Planck's constant h ' and 'Stefan-Boltzmann's constant k ' respectively.

The complementary part of super membrane $E_{ps}.E_{ss}$ is $Ess-Baab$. $Eps-Abba$ is renamed as 'Energy of the Primary Source-Sink' and $Ess-Baab$ is renamed as 'Energy of the Secondary Sink-Source'. The primary source-sink and the primary sink-source are coupled under a mode of mirror-

inversion duality with E_{ps} describing a vibratory and high energy micro-quantum quantum entanglement with E_{ss} as a winding and low energy macro-quantum energy. It is this quantum entanglement, which allows Abba to become part of Universe in the encompassing energy quantum of physicalized consciousness, defined in the magnetopolar charge.

The combined effect of the applied Schwarzschild metric then defines a Compton Constant to characterize the conformal transformation as: Compton Constant $h/2\pi c = M_p L_p = M_{ps} R_{ps}$.

Quantum gravitation now manifests the mass differences between Planck-mass M_p and Weyl-mass M_{ps} .

The Black Hole physics had transformed M_p from the definition of L_p ; but this transformation did not generate M_{ps} from R_{ps} , but rather hypermass M_{hyper} , differing from M_{ps} by a factor of $\frac{1}{2}\{R_{ps}/L_p\}^2$.

To conserve super-symmetry, Logos defined an Anti-Instanton as the Inflaton of Khaibit to define the conformal mapping of M_{ps} from Universe into Khaibit as $2M_p\{L_p/R_{ps}\}^2$.

As Black Holes also are defined by their Temperature, the Mathimatia defined a Hawking Modulus $HM = hc^3/4\pi G_0 k = M_{BHmin}.T_{max} = M_{BH}.T$ and $M_{BHmax}.T_{min}$ in accordance with the conformal mapping of Abba- E_{ps} consciousness between Universe and Khaibit. The hotter a Black Hole from the Klein spacetimes would be, the smaller it would have to be and the larger a Black Hole would grow, the more it had to cool down in its temperature.

The super membrane coupling now had to account for its own mirror duality because the physics of the micro-quantum universe had inversed the displacement scaling in the macro-quantum universe.

In particular $R_{ps} = \lambda_{ps}/2\pi$ and $R_{ss} = 1/R_{ps} = 2\pi/\lambda_{ps} = 2\pi\lambda_{ss}$ and the ratio coupling between the radial scale expressions of Abba-BaaB as $E_{ps}E_{ss}$ in $R_{ps}/R_{ss} = \{\lambda_{ps}/2\pi\}^2 = \{c/2\pi f_{ps}\}^2$ so formed the super membrane of self-interaction or coupling in consciousness modulation for the eigen- or self-state of Abba's 'Love Frequency' f_{ps} , which was constant in the old universe of nowhere and notime, but could become changed in a dynamical space-time.

The Mathimatia so could assign the super membraned coupling of the micro-quantum mass M_{ps} with its wormhole radius at the event of the 'Instantaneity of physical Time' to its macro-quantum corollary in $M_{ss} = E_{ss}/c^2$ as a quantum of mass itself and with the macro-quantum or galactic cellular scale of $R_{ss} = 2\pi\lambda_{ss}$.

The minimum temperature for a Black Hole so became integrated in the Mathimatia as the formula:

Hawking Modulus $HM = hc^3/4\pi G_0 k = M_{BHmin}.T_{max} = M_{BH}.T = \{c/2\pi\}^2 \cdot M_{BHmax}.T_{min}|_{mod} = \frac{1}{2}M_p.T_p = \frac{1}{2}\{\sqrt{\{hc/2\pi G_0\}}\}\{M_p c^2/k\} = \frac{1}{2}\{hc^3/2\pi G_0 k\}$ from the minimum Planck Energy Oscillator $E_p^0 = \frac{1}{2}hf_p$ for $f_p = 1/t_p = E_p/h = M_p c^2/h = \sqrt{\{hc/2\pi G_0\}}\{c^2/h\} = \sqrt{\{hc^5/2\pi G_0 h^2\}} =$

$$\sqrt{\{c^5/2\pi G_0 h\}}$$

And whenever the $|_{\text{mod}}$ symbol appeared in the Mathimatia, it indicated that because of the modular mirror duality applied to a unitary mensuration or measurement system; this 'unitary analysis' had to take into account, that in the Omniverse a frequency f could become a time t because of $f_{\text{ps}}=1/f_{\text{ss}}$ and other units could change in the interaction between Khaibit and Universe and especially because the common unit of the Star-Coulomb for physical consciousness would manifest as an inverse energy of Joules in Universe.

This became the major physical phenomena in the dynamics of mass, expanding into the inflation bounded universe from the mass seed of the wormhole instanton of the time instantaneity.

Gravity as a positive pressure, was opposing the negative pressure of the dark energy from Khaibit and Abba's Mathimatia defined the kinematics of the physical dynamics of mass in the electric part of the EMR in Universe with the magnetic part of the EMMR in Khaibit.

Mass could be expressed as $\text{Mass} = \text{Energy}/c^2$ and by $\text{Velocity} = \text{Frequency} \times \text{Wavelength}$ in $c = f\lambda$ or $v = f\lambda$ for $m = hf/c^2 = h/\lambda c$ as in the Compton Constant.

Compton Constant $= h \cdot \alpha / 2\pi c = m_p \alpha \cdot l_p = m_{\text{electron}} \cdot R_{\text{electron}} = m_x \cdot R_x$ for a Compton Radius $R_c = h \cdot \alpha / 2\pi m_x c = ke^2/m_x c^2 =$ as $R_x = R_e$ and $m_x = m_e$ for the instanton and as $L_p = h/2\pi m_p c = h\sqrt{\{2\pi G_0/hc\}}/2c\pi = \sqrt{\{G_0 h/2\pi c^3\}}$ for the Inflaton at the Klein boundary and for a unification condition $kG_0 = 1$.

The displacement parameter and wavelength λ had however been subject to the modulation in the quantum gravity correspondence between Universe and Khaibit.

The quantum gravitational closure or loop from the Inflaton to the Instanton and back to the Inflaton became integrated in the Mathimatia as 'Planck-Stoney Bounce' or quantum fluctuation in a conformal super-membrane cosmology.

The Square root of Alpha, the electromagnetic fine structure constant, multiplied by the Planck-length results in a Stoney transformation factor $L_{\text{planck}}\sqrt{\alpha} = e/c^2$ in a unitary coupling between the quantum gravitational and electromagnetic fine structures and so couples the unitary measurement of displacement in the Planck-Length oscillation equal to Coulombic charge quantum 'e' divided by the square of the speed of light 'c²' in a proportionality of $\text{Displacement} = \text{Charge} \times \text{Mass}/\text{Energy}$ in modulation and mirror duality.

This couples the electric Coulomb charge quantum 'e' to the magnetic monopole quantum e^* as the inverse of the 10-dimensional superstring sourcesink energy E_{ps} to the 10-dimensional superstring sinksources energy E_{ss} as the 11-dimensional super-membrane $E_{\text{ps}}E_{\text{ss}}$.

$G_0 k = 1$ for $G_0 = 4\pi\epsilon_0$ and represents a conformal mapping of the Planck length onto the scale of the 'classical electron' in superposing the lower dimensional inertia coupled electric charge quantum 'e' onto a higher dimensional quantum gravitational-D-brane magnetopole coupled

magnetic charge quantum

$e^* = 2R_e c^2 = 1/hf_{ps} = 1/E_{Weyl}$ of the Weyl wormhole by the application of the mirror/T duality of the super membrane $E_{ps}E_{ss}$ of heterotic string class HE(8x8) and as the fifth and final superstring energy transformation coinciding with the Instanton and the birth of Universe as a thermodynamic Black Body Planck Radiator or BBR.

The coupling between electropolar- and magnetopolar charges in the UFO-QR could also be formulated in an expression coupling the bounce of the Planck-length in Khaibit to the magnetopolar charge as an equivalence to the energy of the quantum geometric diameter of the electron and the electropolar charge in the formula: $L_{planck} \sqrt{\alpha} \cdot e^* = ee^*/c^2 = 2e \cdot R_e$ or as $e^*/c^2 = 2R_e$ as the unification of Abba's consciousness quantum as $e^* = 2R_e \cdot c^2$ in units of the star-coulomb C^* as the inverse of $E_{ps} = hf_{ps}$ in Joules (J) and related units like the electronvolt eV, defined as $1 \text{ eV} = e \text{ J}$.

This definition emerges naturally in the Planck-Stoney bounce as the unitary equivalence of the Planck-length oscillation as a unit of displacement $[(m)etres] = [(C)harge]/[(m)/(s)econds]^2$ requires $[C] = \{m^3/s^2\}$ as the units for the Star Coulomb and Abba's Consciousness and hence in associations, the entire energy content in Universe occupying dynamical space-time.

Electromagnetic Fine structure: $\alpha_{EMR} = 2\pi ke^2/hc = e^2/2\epsilon_0 hc = \mu_0 e^2 c/2h = 60\pi e^2/h \dots\dots\dots$
(Planck-Stoney UFO-QR units * from Maxwell Constant $\epsilon_0 \mu_0 = \{\text{electric constant}\} \{\text{magnetic constant}\} = \{1/120\pi c\} \{120\pi/c\} = 1/c^2$ and 'Free Space Impedance' $Z_0 = \mu_0/\epsilon_0 = \{120\pi/c\}/\{1/120\pi c\} = \{120\pi\}^2$ and characteristic for physical phenomena like the Quantum Hall effect, the Conductance quantum $G_0 = 2e^2/h$ and Josephson currents in superconductivity).

Gravitational Fine structure (Electron): $\alpha_{G-Electron} = 2\pi G_0 m_{electron}^2/hc = \{m_{electron}/m_{planck}\}^2$
Gravitational Fine structure (Primordial Nucleon): $\alpha_{G-nucleon} = 2\pi G_0 m_c^2/hc = \alpha_{EMR}^{18}$ with $m_c = m_{planck} \alpha_{EMR}^9$
Gravitational Fine structure (Planck Boson): $\alpha_{Planck-Inflaton} = 2\pi G_0 m_{planck}^2/hc = 1$

$G_0|_{mod} = 4\pi\epsilon_0|_{mod}$ for $\alpha_{EMR} = \alpha_{G-monopole \text{ mass}}$ requires
 $2\pi e^2/(4\pi\epsilon_0 hc) = 2\pi G_0 M_{monopole}^2/hc$ and so $\{k^2 e^2\}|_{mod} = \{M_{monopole}^2\}|_{mod} c$ and so $\{ke\}|_{mod} = \{M_{monopole}\}|_{mod}$ in unitary calibration and consistency.

It also necessitates the Planck-mass to 'bounce' in proportionality to lightspeed 'c' in $M_p \sqrt{\alpha}/e \propto c$ as $\S c$ equal to $k=1/4\pi\epsilon_0$ from the unification condition $G_0 \cdot k = 1$ and using $\epsilon_0 = \{1/120\pi c\}|_{mod}$.

The proportionality constant so is $\S = M_p \sqrt{\alpha}/ec$ defining $k = \{30c\}|_{mod} = \{1/G_0\}|_{mod}$.
 $\{M_p/L_p\} \{e/c^2\} = \{\sqrt{\{hc/2\pi G_0\}} \{e/c^2\}/\sqrt{\{G_0 h/2\pi c^3\}}\} = \{c^2/G_0^2\} \{e/c^2\} = \{e/G_0\} = \{ke\} = \{30ec\}|_{mod}$.

The Action Law of the Mathimatia and Omni space crystallizes from this formulation, as $\{k\}|_{mod}$

must equal $\{c\}_{\text{mod}}$ in unitary consistency.

$$\text{Action} = \text{Charge}^2$$

$$[k] = [N(\text{ewton})][m^2/C^2] = [k(\text{ilo})g(\text{rams})][m^3/s^2/[C]^2] = [m/s] = [c] \text{ for } [C]^2 = [kg.m^3/s^2]/[m/s] = [kgm^2/s] = [J(\text{oule})][s^1] = [kgm^2/s^2][s^1] = \{Js\} = [\text{Action } h]$$

$$\text{Mass Seed} = M_o = \sqrt{\{E.m_c^2.m_{\text{inflaton}}^2/m_{\text{electron}}^2\}} = m_c \sqrt{\{E\}_{\alpha G\text{-Electron}}} \text{ for } E=26 \times 65^{61} = 1.006.. \times 10^{112}.$$

$$\text{Charge Seed} = C_o = \sqrt{\{E.e^2/\alpha\}} = \sqrt{\{E.hc/2\pi k\}} = \sqrt{\{E.hcG_o/2\pi\}} = \{2e\} . \{M_o/m_c\} . \{E_{ps}.e\} = \{2e\} . \{M_o/m_c\} \{e/e^*\} \text{ for } E_{ps} = 1/e^*$$

$$E_{ps} = \{C_o/2e^2\} . \{m_c/M_o\} = \{C_o/M_o\} . \{m_c/2e^2\} = \{e.m_e/m_cm_p\} \{m_c/2e^2\} / \sqrt{\alpha} = \{1/2e\sqrt{\alpha}\} . \{m_e/m_p\} = hf_{ps} = m_{ps}c^2 = kT_{ps} .$$

The Charge seed is proportional to the number of particles in Universe as $\{M_o/m_c\}$ and where the primordial nucleons are all ylemic neutrons of spin $1/2$ and which so define their radioactive decay products in a charge twin of positively charged protons and negatively charged electrons and with uncharged antineutrinos.

The unification between dipolar electropolar Coulomb charge 'e' and monopolar magnetopolar Star-Coulomb charge 'e*' unifies the Consciousness quantum $E_{ps}=1/e^*$ in the nature of dipolar electric charge.

In Universe the consciousness quantum manifests simply as the inverse of the electric charge quantum 'e', so cancelling any dipolar magnetic effects of the monopolar charge e^* in Khaibit.

In Universe this monopolar equivalence manifests in its elementary form as the diameter of the electron multiplied by the square of the speed of light c^2 .

$$\text{For Khaibit} \rightarrow E_{ps} = 1/e^* = 1/\{2R_e c^2\} = 1/\{\text{Volume } [2\pi^2 R_{RMP}^3] \times \text{Angular Acceleration } [df/dt]_{\text{max}} = f_{ps}^2\} \leftarrow \text{for Universe.}$$

$$\text{For Universe} \rightarrow E_{ps} = \{C_o/2e^2\} . \{m_c/M_o\} = \{C_o/M_o\} . \{m_c/2e^2\} = \{e.m_e/m_cm_p\} \{m_c/2e^2\} / \sqrt{\alpha} = \{1/2e\sqrt{\alpha}\} . \{m_e/m_p\} = hf_{ps} = m_{ps}c^2 = kT_{ps} .$$

Mass m could so be written as $m = hf/c^2 = h/\lambda c = h/\lambda_{\text{planck-bounce}} c = hc^2/ec = hc/e$ and in using $\lambda_{\text{planck-bounce}} = L_p \sqrt{\alpha} = e/c^2 = e^2.c/e = ec|_{\text{mod}}$ in using the Action Law of unified resistance or impedance in Action $h = \text{Unified Charge } C \text{ squared.}$

The basic equivalence between mass and energy in Universe so could be applied to the nature of mass as a displacement current of the charge summation incorporated into a mass in relative motion.

Mass m became expressed as proportional to a monopole mass in Khaibit $ec|_{\text{mod}}$ and as the actual universal mass of the magnetic monopole in the Inflaton epoch. It was named as a second of five

superstring classes by Logos and became labeled as self-dual class IIB and as the first superstring transform in the Inflaton in changing the energy of superstring class I as the Planck boson into the magnetic monopole of a 'Grand Unification' of the four fundamental interactions in the UFO-QR.

$E = mc^2$ for this monopole in Khaibit so was written $E = \{ec\}_{\text{mod}}c^2 = \{e\}c^3$ in Universe and became the energy of the magnetic monopole as c^3 eV in Universe.

$E = mc^2 = (ec)c^2$ for mass $m = \text{displacement magnetto-current } ec = e\lambda f = E/c^2 = hf/c^2$.

$m_{\text{electron}}c^2 = ke^2/R_{\text{electron}} = hc.\alpha/2\pi R_{\text{electron}}$ for $m_{\text{electron}} = h.\alpha/2\pi c.R_{\text{electron}}$ and $m_{\text{inflaton}} = m_{\text{planck}} = \sqrt{\{hc/2\pi G_o\}}$

$E_{\text{Weyl}} = hf_{\text{instanton}} = hc/\lambda_{\text{instanton}} = m_{\text{instanton}}c^2 = (m_{\text{electron}}/2e).\sqrt{[2\pi G_o/\alpha hc]} = \{m_{\text{electron}}/m_{\text{inflaton}}\}/\{2e\sqrt{\alpha}\}$
 $= 1/2R_{\text{electron}}c^2 = 1/e^*$

Magneto-Monopolar charge quantum $e^*/c^2 = 2R_e \Leftarrow$ super-membrane displacement transformation $\Rightarrow \sqrt{\alpha}.l_{\text{planck}} = e/c^2$ as Electropolar charge quantum

And so it continued!