

REVIEW ARTICLE

The Etheron is a Rotating Tetrahedron: Geometrical Foundation of the Etheronics

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Abstract

Within the ETHERONIC THEORY elaborated in the last decades – starting with the discovery of the ETHERON by the Romanian Academician Ioan IOVITZU Popescu in 1982 – resulted the not yet recognized role of the well-known ELECTRON as the PHYSICAL ETHERON, in spite of the multitude of the clarifying attempts of this omnipresent chemical protagonist. Inside of the new ETHERONIC VISION – beyond the wave-nature, rotational frequency, ring-shaped structure, uniform circular motion, mass, charge, magnetic moment, spin, Quantum hall resistance, -magnetic flux, -LC circuit, vector potential, uncertainty principle, Schrödinger wavicity, Zitterbewegung, helical motion, relativistic energy, linear momentum density, vorticity, Gaussian and Amperean laws, solenoid-toroidal geometry and other details of the ELECTRON as PHYSICAL ETHERON, excellent summarized within Oliver Consa's short syntheses – is clarified the mechanism of the Creation from LIGHT and geometrical shape of the ETHERON in general, on each (Tachionic, Noethic, Etheric, Physical, Astral, Universal and Multiversal) cosmic level, resulting the Creation of the rotating tetrahedral shaped ETHERON from the inscribed opposed tetrahedral ELBU (Elementary Light-Bubble Unity), as consequence of ITS TURNING INSIDE OUT through the vertices as massive centers of the four plate tetrahedral (Dirac-spinorial) transitional PHOTONS, unified in form of ETHERON. The Geometry don't lies! This phenomenon takes place within the Horn-toroidal IMPLOSION-phase, contrary to the inverse process of TURNING OUTSIDE IN finally within the Multiversal EXPLOSION-phase, on every occasion followed by the transformation of the Light-Mass into Matter-Mass and inverse, they being the two faces of the GRAVITATION, similarly to the three-interactional Space-Spacetime-Time system of the „Black Holes”. This is the LONG WAY of the ETHERON – ON PHYSICAL LEVEL ELECTRON – CREATION.

Key-expressions: ETHERON, ELBU, ELECTRON, turning inside out, turning outside in, Light-Mass, Matter-Mass, GRAVITATION, Tetrahedron, Quasi-dual, Tesseract, Vertex-figure.

1. Introduction

The „eternal living, but chameleon-like hiding” ELECTRON is known – in connection with the ATOM – from the ancient times, but its secrets were discovered only in the last centuries, of course not yet all of them, first of all its Creation and annihilation mechanism, exact shape, measurements, inner structure and complete functioning, as well as its comprehensive system. The Breit-Wheeler process don't details the Creation of the Electron-Pozitron pair from the Photon-pair, the approximately electronic

radius of 10^{-22} meter measured by Hans Dehmelt in 1988 inside the Penning-trap refers to a rotating arbitrary – not necessarily spherical – shape, and consequently the inner structure is uncertain, likewise the inner functional relations. Isn't mentioned nowhere the belonging of the Electron to any more comprehensive logical system, by no means as PHYSICAL ETHERON.

Within the considerably comprehensive ETHERONIC THEORY, the ELECTRON – and of course its suitable inverse polarized POZITRON pair – as PHYSICAL

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ETHERON is considered the first element of the central PHYSICAL Cosmic Evolutionary Level, similarly to the suitable Subphysical (Tachionic, Noethic, Etheric) and Supraphysical (Astral, Universal, Multiversal) levels, constituting the basic building block of their corresponding chemical elements series.

Referring to the ELECTRON – in general ETHERON – Creation, similarly to the inverse ways of the transition from MATTER to LIGHT within the ancient Egyptian „Book of the Two Ways”, it exists two ways – LONG and SHORT – of the ETHERON/ELECTRON Creation, namely from LIGHT through PHOTON, respectively from the previous last Chemical Element **nr. 558** through the last Bionic Element **B₁₃**.

2. Description

2.1. Possible ways of the Light-Matter Transition

In conformity with the levogyre VORTEX cosmic evolutionary model (1), inside the Big Cosmic Cycle, each of the 7 Octavic/MATERIAL nucleonic structured cosmic evolutionary phases (Tachionic, Noethic, Etheric, Physical, Astral, Universal, Multiversal) are intercalated between the series of the 5 Pentatonic /LIGHT bionic structured phases, after the Multiversal Explosion and helical/discoidal arranged ELBU (Elementary Light-Bubble Unity) Creation following the Icosa, Dodeca, Octa, Hexa and Tetra toroidal phases named in conformity with their constituent basic Light-particle shapes, respectively Ring-Horn-Spindle toroidal phases after their own form inside the Toroidal-Spherical cosmic evolutionary process [1,2] (2,3,4). Properly speaking the 5 Pentatonic phases correspond to the 5 Platonic regular solids, respectively the 7 Octavic phases to the initially 7 Archimedean semiregular solids, similarly to the chromatic musical system, with its suitable cosmic „scores” within the „music of the spheres”, however the MATTER-Creation and Evolution is based on the regular Tetrahedron-shaped ETHERON [3,4,5].

The transition from the LIGHT to the MATERIAL stage takes place within the HORN-Toroidal phase, in conformity with the CONIC-TOROIDAL cosmic evolutionary model [6] (5,6). Within this model is clarified between others the representation possibility of the cosmic fields as flat conic sections with light-planes of the elementary infinitesimal right circular cone resulted inside the toroidal evolution, together with the belonging intercalated orthogonal spherical components named Dandelin-spheres, tangent in the focuses of these conics, as follows (7,8):

- 1) ELLIPSE: Etheronic-Bionic field with alternating activated focuses.
- 2) PARABOLA: Electro-Magnetic field with magnetic monopole.
- 3) HYPERBOLA: Thermo-Gravific field with gravific monopole.

Inside of these field-systems, the Creation of the MASS is realised through the UNIFICATION of the planar and spherical field-components, namely of the suitable FOCUS of the conic LIGHT-PLANE and of the TANGENT-POINT of the suitable Dandelin-sphere, inside the cone (only in the Space, without Time) or on the conic surface (in the Spacetime), at its generator. However, this process is characteristic AFTER the moment of the first MASS-CREATION itself, outer of the Space-Spacetime-Time system, „inside” the APEX/Central Point of the HORN-TOROIDAL phase within the Toroidal-Spherical cosmic evolution, the „home” of the ELBU, the Elementary Light-Bubble Unity, the veritable „DIVINE PARTICLE” in form of TETRAHEDRON, the geometrical equivalent of the ELECTRON/PHYSICAL ETHERON too.

The transformation of this SMALL TETRAHEDRON as elementary LIGHT-PARTICLE takes place through its TURNING INSIDE OUT INTO ITS EXTROVERTED/OPPOSED OUTER TETRAHEDRON (9), THROUGH ITS 4 MASSIVE CENTERS/Dirac-spinorial components as intermediar tetrahedral TRANSITIONAL PHOTONS, unified into a BIG TETRAHEDRAL ETHERON, the basic MATERIAL particle, namely through the transformation of the LIGHT-MASS of the ELBU into the MATTER-Mass of the ETHERON. These two MASS-forms are the two faces of the GRAVITATION, similarly to the SPACE and TIME as the two faces of the SPACETIME, around which they can turn inside out or inverse. The LIGHT-MASS - GRAVITATION - MATTER-MASS is a corollary of the Space-Spacetime-Time system Created by the GRAVITATION itself through its 4 PHOTON-components. So, the PHOTON isn't the LIGHT-quantum! The LIGHT-quantum is the ELBU, the GRAVITATION-quantum is the PHOTON, the MATTER-quantum is the ETHERON, on the Physical cosmic evolutionary level the ELECTRON!!!!

The ETHERON discovered in 1982 by IOVITZU [7,8] refers to the ETHERIC Cosmic Evolutionary Level/Universe, such it is an ETHERIC/IOVITZU ETHERON, but the similar start-element within the PHYSICAL Universe is the ELECTRON. Similarly

to the previously mentioned subphysical Cosmic Levels/Universes – named usually Tachionic, Noethic, Etheric UNIVERSES, but sometimes referring to the visible/detectable UNIVERSE/Universal Cosmic Level – the PHYSICAL Cosmic Level/UNIVERSE as MATERIAL phase started with the TETRAHEDRAL ELECTRON is preceded by the LIGHT-phase in form of TETRAHEDRAL ELBU (Elementary Light-Bubble Unity) and TRANSITIONAL PHOTONIC „four-in-hand”, in the same way in TETRAHEDRAL – however not regular, but flat – form. In this way the inner smaller tetrahedral ELBU – turning inside out around the CENTRAL ZERO POINT, through its 4 vertices as massive centers – transforms into its quasi-dual larger exterior inverse tetrahedral ELECTRON, inside which fit the 4 component adjacent flat irregular tetrahedral triangular pyramids with central meeting and bordering outer bases, as the 4 faces of the ELECTRON (9).

Considering the 10^{-22} meter magnitude order of the ELECTRONIC RADIUS (Demhelt, 1988) – presumably the Radius of its circumscribed sphere $R_e = 1 \times 10^{-22}$ m – with bottom index notations „e” for the ELECTRON’s, respectively „E” for the ELBU’s characteristics, in function of the ELECTRONIC EDGE E_e results the ELBU EDGE E_E and the other characteristics for both cosmic entities represented in geometrical form (with the necessary approximations):

Radius of the circumscribed sphere: $R_e = (V_6/4) E_e = 0.61237 E_e = 1 \times 10^{-22}$ m (Demhelt, 1988).

Edge of the Electronic Tetrahedron: $E_e = R_e / 0.61237 = 1.633 R_e = 1.633 \times 10^{-22}$ m.

Radius of the Edge-tangent sphere: $r_{te} = (V_2/4) E_e = 0.3535 \times 10^{-22} R_e = 0.577 \times 10^{-22}$ m.

Radius of the inscribed sphere: $r_e = (V_6/12) E_e = 0.204 E_e = R_e / 3 = 0.3(3) \times 10^{-22}$ m.

Bisector: $B_e = 0.866 E_e = 1.1543 R_e = 1.414 \times 10^{-22}$ m.

Height: $H_e = (V_6/3) E_e = R_e + r_e = 0.8165 E_e = 1.3(3) \times 10^{-22}$ m.

Area/face: $A_e = E_e E_e V_3 = 1.732 E_e E_e = 1.732 \times 1.633^2 \times 10^{-20} = 4.619 \times 10^{-22}$ m².

Volume: $V_e = (V_2/12) E_e E_e E_e = 0.1178 E_e E_e E_e = 0.513 \times 10^{-22}$ m³.

The 4 vertices/corners of the ELBU TETRAHEDRON are situated on the same 4 axes, at the 3/4th of their inner radii r_e from the unified CENTER of both tetrahedra (9), forming in this way a QUASI-DUAL of the ELECTRONIC TETRAHEDRON (the DUAL’s corners being in the centers of its 4 triangular faces), resulting the following orders of magnitude:

Radius of the circumscribed sphere: $R_e = 3/4 H_e = R_e / 2.25 = 0.225 \times 10^{-22}$ m.

Radius of the Edge-tangent sphere: $r_{TE} = 0.25 r_{te} = 0.144 \times 10^{-22}$ m.

Radius of the inscribed sphere: $r_E = R_e / 3 = H_e / 4 = r_e / 2.25 = 0.1111 \times 10^{-22}$ m.

Edge: $E_E = 0.25 E_e = 0.25 \times 10^{-22}$ m.

Bisector: $B_E = 0.866 E_E = 0.2165 \times 10^{-22}$ m.

Height: $H_E = 0.8165 E_E = 0.2041 \times 10^{-22}$ m.

Area/face: $A_E = E_E E_E V_3 = 0.1082 \times 10^{-22}$ m².

Volume: $V_E = A_E H_E / 3 = 0.009 \times 10^{-22}$ m³.

The Mass of the ELECTRON being $M_e = 9.1094 \times 10^{-31}$ kg (Millikan, 1910), results its volumetric Density $D_e = M_e / V_e = 9.1094 \times 10^{-31}$ kg / 0.513×10^{-22} m³ = 17.757×10^9 kg/m³, in contrast with the Mass-density of the ELBU, $D_E = M_E / V_E = 9.1094 \times 10^{-31}$ kg / 0.009×10^{-22} m³ = 1012×10^9 kg/m³, resulting a Density Ratio $D_E / D_e = 1012 / 17.757 = 57$ in the case of similar Volumetric Ratio $V_E / V_e = 0.513 \times 10^{-22} / 0.009 \times 10^{-22} = 57$. Taking into consideration this instantaneous transformation, simultaneously with the created 57-times volumetric expanding from the ELBU to the ELECTRON, takes place a sound effect correlated with the filling up of the arisen cavity and transformation of the LIHGT-Mass to MATTER-Mass.

On the other hand, considering the $M_j = 2.1387 \times 10^{-149}$ kg mass of the ELBU (calculated by me [12,16]), results a Density $D_j = M_j / V_E = 2.1387 \times 10^{-149}$ kg / 0.009×10^{-22} m³ = $237.6(3) \times 10^{-127}$ kg/m³!!!! In this case, the Density Ratio will be $D_j / D_e = 237.6(3) \times 10^{-127} / 17.757 \times 10^9 = 13.3825 \times 10^{-136}$, with the same Volumetric Ratio $V_E / V_e = 57$, thus the TURNING INSIDE OUT of the ELBU TETRAHEDRON, into the ETHERON – finally to the ELECTRON – TETRAHEDRON, means a 57-times Volume expanding, but followed by an $M_e / M_j = 9.1094 \times 10^{-31} / 2.1387 \times 10^{-149} = 4.26 \times 10^{118}$ -times (qualitatively transformed) Mass-increase, respectively $D_e / D_j = 0.0747 \times 10^{136}$ -times Density-increase. Taking into consideration the Mass-Energy equivalence $E = Mc^2$ results an incredible large energy-source around us (if this deduction is correct)! Calculating round with $c = 3 \times 10^8$ m/s, the ELBU ENERGY $EN_j = M_j c^2 = 2.1387 \times 10^{-149}$ kg x $3^2 \times 10^{16}$ m²/s² = 19.25×10^{-133} kgm²/s², and the ELECTRON ENERGY $EN_e = M_e c^2 = 9.1094 \times 10^{-31}$ kg x 9×10^{16} m²/s² = 82×10^{-15} kgm²/s², the Energy Ratio being $EN_e / EN_j = 82 \times 10^{-15} / 19.25 \times 10^{-133} = 4.26 \times 10^{118}$. Of course the

suitable INFORMATION contents are proportional with these MASS and ENERGY contents [9]. Really, this ELBU ENERGY of $2 \times 10^{-132} \text{ kgm}^2/\text{s}^2$ is the so much disputed **Zero-Point/Vacuum Energy**.

This transformation takes place through the adjacent 4 flat pyramids of which bases are the 4 faces of the ELECTRONIC TETRAHEDRON, the heights the radii r_e of the inscribed sphere, the 4 vertices/corners of the ELBU TETRAHEDRON situated at their $r_e/3$ height as theirs CENTERS, through which will TURN INSIDE OUT the ELBU Pyramid into ELECTRONIC one, through these adjacent 4 TRANSITIONAL PHOTONIC Pyramids, with quantitative and qualitative MASS-TRANSFORMATIONS.

More exactly, the turning inside out takes place around the central point of the whole system, the 4 corners of the ELBU will be the opposed corners of the inverse/quasi-dual ELECTRON, this singularity point will be the center of the new created ELECTRON, around it takes place the INVERSION of the SPHERICAL RESONANCE of the 3-kind spheres of both particles, namely circumscribed, edge-tangent and inscribed spheres with instantaneous inversion and Space-Spacetime-Time system Creation, with transitional PHOTONS included inside the ELECTRON.

In function of the circumradius of the rotating

SUMMARY: eELECTRON

	ELBU	e/E	E/e
$R_e = 1.000 \times 10^{-22} \text{ m}$	$R_E = 0.225 \times 10^{-22} \text{ m}$	4.444	0.225
$E_e = 1.633 \times 10^{-22} \text{ m}$	$E_E = 0.250 \times 10^{-22} \text{ m}$	6.532	0.153
$r_{te} = 0.577 \times 10^{-22} \text{ m}$	$r_{TE} = 0.144 \times 10^{-22} \text{ m}$	4.000	0.250
$r_e = 0.333 \times 10^{-22} \text{ m}$	$r_E = 0.111 \times 10^{-22} \text{ m}$	3.000	0.333
$B_e = 1.414 \times 10^{-22} \text{ m}$	$B_E = 0.216 \times 10^{-22} \text{ m}$	6.546	0.153
$H_e = 1.333 \times 10^{-22} \text{ m}$	$H_E = 0.204 \times 10^{-22} \text{ m}$	6.534	0.153
$A_e = 4.619 \times 10^{-22} \text{ m}^2$	$A_E = 0.108 \times 10^{-22} \text{ m}^2$	43.000	0.0233
$V_e = 0.513 \times 10^{-22} \text{ m}^3$	$V_E = 0.009 \times 10^{-22} \text{ m}^3$	57.000	0.0175

Beyond the presented LONG WAY of the ETHERON CREATION FROM LIGHT – ELBU (LeSage-like Elementary Light-Bubble Unity), with intermediating of the PHOTONS – it exists a SHORT WAY too, with BIONIC intermediating from cosmic level to cosmic level, between them the CREATION of the ELECTRON as PHYSICAL ETHERON from the ETHER, from its element Nr. 558 through its Bion B_{13} .

2.2. Detailing of the Physical Cosmic Evolutionary Level

The just born ETHERON/ELECTRON starts on one's journey with a correlated ADDITIONAL

ELECTRON $R_e = 1 \times 10^{-22} \text{ m}$, results its Edge-tangent radius $r_{te} = 0.577 \times 10^{-22} \text{ m}$, inradius $r_e = 0.33(3) \times 10^{-22} \text{ m}$, the circumradius of the ELBU $R_E = 0.225 \times 10^{-22} \text{ m}$, the Edge-tangent radius $r_{TE} = 0.144 \times 10^{-22} \text{ m}$, inradius $r_E = 0.111 \times 10^{-22} \text{ m}$, so the radial series **1:0.577:0.33(3) and 0.225:0.144:0.111** determine a spherical resonance of the onion-like structured concentric spherical arrangement, the ZITTERBEWEGUNG of the ROTATING ELECTRON, of which LEVOGYRE or DEXTROGYRE polarity within the toroidal evolution determine the differentiation between the ELECTRON and POSITRON. The resonances are present especially at the turning inside out and inverse processes, from inside with growing frequencies of **1.3:1.6:1.5:1.7:1.7:V3 (9)**.

The 4 Dirac-spinorial flat PHOTON TETRAHEDRA's characteristics are the following:

Edges of the basic triangles = $E_e = 1.633 \times 10^{-22} \text{ m}$.

Area of the basic triangle = $A_e = 4.619 \times 10^{-22} \text{ m}^2$.

Area of the inner adjacent triangles = $A_p = E_e r_{te} / 3 = 0.314 \times 10^{-22} \text{ m}^2$.

Inner adjacent edges = $R_e = 1 \times 10^{-22} \text{ m}$.

Height = $r_e = 0.33(3) \times 10^{-22} \text{ m}$.

Volume = $V_p = V_e / 4 = 0.128 \times 10^{-22} \text{ m}^3$.

MECHANISM of the new and new TETRAHEDRAL ELECTRONS, walking over the BIONIC EXTENDED WHOLE PERIODIC CHEMICAL SYSTEM'S SERIES, from the ELECTRON to the element Nr. 558, with the intercalated Bion B_0 and B_1 - B_{13} Bionic elements, in conformity with the presented LONG/CHESSBOARD-LIKE, STEPPED/PYRAMIDAL and SPIRAL/DISCOIDAL TABLES [10,11,12,13] (2,3,10,11). This MECHANISM properly speaking refers to the infinit variety of the TETRAHEDRAL COMBINATIONS, on Physical Level starting from the free Electron as singular Tetrahedron, continuing with the unification/intersection through resonance of

2-3-5 tetrahedra in form of Gluon-Quark-Bion [14] (12), followed by the whole series of the chemical elements and the intercalated Bionic elements, with their suitable Nucleonic or Bionic structures, many-level Fulleren-cupolas or geodesic domes in conformity with the Archimedean solid's shapes, and the n-order Tesseract (through generalizing of the Hinton's TESSERACT, 1888) as joining components between the core and coating of the Nucleonic or Bionic structured elements. The VERTEX-figures inside the VERTICIAL CUBES at the 8 Vertexes of the TESSERACT/HYPERCUBE (4D equivalent of the 3D cube), (4) are of course TETRAHEDRONS (especially DISPHENOIDS), the basic geometrical form of all elements on every cosmic evolutionary levels, from the LIGHT-QUANTA ELBU to the MATTER-QUANTA ETHERON and of course to their joint element TESSERACT, determining the 8 main axes of the „chemical” Whole Periodic System on every Cosmic Evolutionary Level, respectively the „Octave-law” and „Octavic-systems”/8-fold Resonances in general. This is the base of the „chemical bonds” between the core and coating of the elements (4).

The QUANTIZATION HYPOTHESIS of the Universe – namely the ETHERONIC QUANTIZATION idea of IOVITZU (Etheron, 1982) – was preceded by W. Prout (Protyle, 1815-16), E.D. Babbitt (Ethereal Atom, 1878), W. Crookes (Protyle, 1887), A. Besant and C.W. Leadbeater (Ultimate Physical Atom, 1919), W. Reich (Bion, 1938), but the modern QUANTUM THEORY started with Max Planck in 1900, based on the particle-wave duality, of which particle nature was elaborated by Isaac Newton (Philosophia Naturalis, 1687) and the wave nature by Thomas Young (Double split experiment, 1801).

Beyond the 2- and 3-fold Resonances/Etheron-braides/Tetrahedra-intersections 2G/GLUON and 3Q/QUARK pre-elements – followed by the series of the well-known classical chemical elements from the 1H/Hydrogen to the 118Og/Oganesson and from the new elements nr. 119 to nr. 558, total 560 elements and the starting/transitional ETHERON/ELECTRON, organized in 8 main groups/18 subgroups, total 76 periods in 7 steps, based on the alternative quaternionic model, inverting the complex and real components of the whole system, with a complex resultant of the above mentioned 3 real component joint interpretable tables – it's remarkable the tacit role of the intercalated 5-fold Resonances/Etheron-braides/Tetrahedra-intersection BION B_0 , and its BIONIC ELEMENTS-SERIES B_1 - B_{13} composed by 6-18 ETHERONS/

ELECTRONS. This main axial BIONIC SYSTEM/SERIES is guiding the successive transformation of the chemical elements each from another, along the multilogistical evolving Cosmic Octavic Levels. The participating TETRAHEDRA – except $B_0/5E$ and $B_5/10E$ – are irregular, B_1 - B_7 - B_{13} are situated on both extremes of the Etheronic Belt, B_{13} superposing over B_1 , respectively $B_1/6E$, $B_4/9E$, $B_7/12E$, $B_{10}/15E$ and $B_{13}/18E$ (similarly to the QUARK/3E being connected to the octa-dodeca-icosahedral skeleton of the 3 one-another perpendicular golden-triangles) are totally irregular [15] (13).

Referring to the functioning of the extremely rapid spinning bionic pattern, a whorl is a helix with 1680 turns ($=3 \times 560$, the total elements of the Whole Periodic System), or „1-2-3 order spirillae” $3 \times 80 \times 7$ etheronic-gluonic-quark synchron turns with their successive resultants, respectively the „7 order spirilla of spirillae” is exponential with two pulsating resonance series: 1. outer/spherical with bubbles; 2. inner/toroidal without bubbles formation, functioning on each cosmic level. Referring to the spherical toroidal duality of the BIONS, it is manifested in form of TURNING INSIDE OUT of the positive and negative spherical phase through the similar toroidal phases, and inverse (14,15), similarly to the TURNING INSIDE OUT, respectively of the TURNING OUTSIDE IN of the regular tetrahedral Etherons/Electrons.

2.3. Transition from the Material to the Next Light-phase

Within the ancient Egyptian „Book of the Two Ways”, it exists the LONG WAY of OSIRIS through water and the SHORT WAY of HORUS through fire, both finalizing with transition from the MATERIAL to the LIGHT dual phase. Within the „Big Dilemma” [16] (16), the corresponding LONG WAY of OSIRIS is considered the DIVINE LEVELS SERIES Buddhic, Mental, Etheric, Physical, Astral, Manasic, Athmic (in conformity with [17]), respectively the SHORT WAY of HORUS the COSMIC OCTAVIC LEVELS Tachionic, Noethic, Etheric, Physical, Astral, Universal, Multiversal, with similar meanings. In spite of this similarity, the two ways are essentially different: in contrast with the balancing succession, really it exists a linear succession, the inverse way of the MATTER Creation from LIGHT and its VORTICIAL EVOLUTION as Physical Octavic Phase between the suitable 5 LIGHT-phases of the BIG VORTEX of the DIVINE COSMIC EVOLUTION [18] (1).

Within the ETHERONIC CONCEPTION really it exist two ways, but the LONG WAY means the

walking over of the whole BIG WORTEX after the Multiversal Big Explosion, while the SHORT WAY means the collapse of the ETHERON/ELECTRON agglomeration of the Chemical Element **nr.558** in form of Fuller-like geodesic dome through the Bionic Element B_{13} , and Creation of the start ETHERON of the next Cosmic Octavic Level, so from the ETHERIC to the PHYSICAL, and from the PHYSICAL to ASTRAL, without to walk the LIGHT-phases of the BIG VORTEX, namely of the Pentatonic phase of the BIG COSMIC CYCLE (1). Because after R. Buckminster-Fuller's recognition the TETRAHEDRON confines in itself the minimal VOLUME/LIGHT into its maximal surface – contrary to the SPHERE, which confines in itself the maximal VOLUME/LIGHT into its minimal surface – so the successive Creation by the BION-SERIES means addition of more and more TETRAHEDRA, confining higher and higher quantities of LIGHT, ending with the Element **nr. 558** of the suitable Cosmic Level, namely inside the FULLEREN Geodesic Dome-like spherical immense conglomeratum of TETRAHEDRA (17). In this situation the BIONIC ELEMENT B_{13} /18E sets into action the COLLAPSE OF THE GEODESIC DOME – a big simultaneous explosion-implosion – and „save what one can”, namely confines the REST LIGHT of 61.8% inside the TETRAHEDRON/ETHERON of the next higher Cosmic Octavic Level. So, in the case of ELECTRON/ PHYSICAL ETHERON this means 6.75×10^{38} ETHERIC/IOVITZU ETHERONS, and the ETHERIC 558 Element contains $0.618 \times 6.75 \times 10^{38}$ Etheric Etherons! The COSMIC RATIO **6.7507×10^{38}** is available between the PHYSICAL and ETHERIC Levels, but after Dirac's calculations it grows or decreases with a factor of 10^{100} in the direction of the higher or lower dimensional Cosmic Levels [15]. Taking into consideration this DIRAC-factor 10^{100} and IOVITZU-factor 6.75, respectively the Etheronic Hypothesis (all elements are ETHERON-agglomerations), results the magnitude order of the MASS of the Etherons and of the other elements on each Cosmic Level, and finally the MASS of the ELBU (18).

3. Conclusions

In this vision, within both cases – from LIGHT to MATTER and inverse – it exists the LONG and SHORT WAY possibility with TURNING INSIDE OUT or TURNING OUTSIDE IN of the TETRAHEDRON. Considering the so much disputed ZERO-POINT/VACUUM ENERGY (ZPE) the ENERGY OF THE ELBU (Elementary Light-Bubble

Unity), named simply „light-quanta in the zero state”, by Dirac and his physicist colleagues, the transition from the ATOMIC to the ETHERONIC ERA can be realized through the TURNING INSIDE OUT of the TETRAHEDRAL ELBU into its pseudo-dual TETRAHEDRAL ETHERON, finally into ELECTRON, in other words with jumping from the ATOMIC to the ETHERONIC ENERGY, on Physical Level ELECTRONIC ENERGY, but for maximal efficiency with the cumulative synergetic effect of the Tachionic, Noethic and Etheric Levels too. This is the ETHERONIC JUMP, inside which the series of the cosmic multilevel „chemical elements” play their „cosmic scores” within the „music of the spheres” in conformity with the chromatic musical system guided by the Resonant Golden Series 1-1-2-3-5-8-13, on the levels 1(light)-1(unity)-2(duality)-3(material)-5(energetic)-8(informational)-13(Divine), in Material form 1(Etheron)-2(Gluon)-3(Quark)-5(Bion)-8(Tesseract)-13(Cosmos composed by 1 Core-Universe and 12 Coating-Universes), originated from the ELBU – Elementary Light-Bubble Unity in LeSage's expression – or simply „LIGHT-QUANTA in the zero state” in Dirac's expression, the first/start number 1 of the Resonant Golden Series.

Referring to the ETHERONIC TETRAHEDRON, its QUASI-DUAL – the ELBU TETRAHEDRON – is only one of the ETHERONIC TETRAHEDRAL DUAL SYSTEM's components, together with the SIMPLY-DUAL and TANGENT-DUAL components of the TETRAHEDRAL QUATERNIONIC SYSTEM, of which systemic resultant the ETHERONIC TETRAHEDRON is. This PHYSICAL Etheronic/Electronic TETRAHEDRON – in form of its spherical rotating zitternd components too – is repeated fractal-like on the suitable Subphysical and Supraphysical Levels, because each circumscribed sphere itself of the 3 DUAL TETRAHEDRONS – through turning inside out or turning outside in – will transform into resultant of the next quaternionic systemic level. On each level the geometrical form will be the TETRAHEDRON!

Finally – similarly to Norbert Wiener's assertion (1948) referring to the Matter-Energy-Information trinity „Matter is Matter, Energy is Energy, and Information is Information” – after this geometrical explanation results the conclusion that the ELBU is the LIGHT-quantum, the PHOTON is the GRAVITATION-quantum and the ETHERON is the MATTER-quantum, on Physical cosmic level ELECTRON, with its POSITRON pair. This conclusion is a geometrical visualization of the DIRAC-EQUATION (1928).

4. References [1-18]

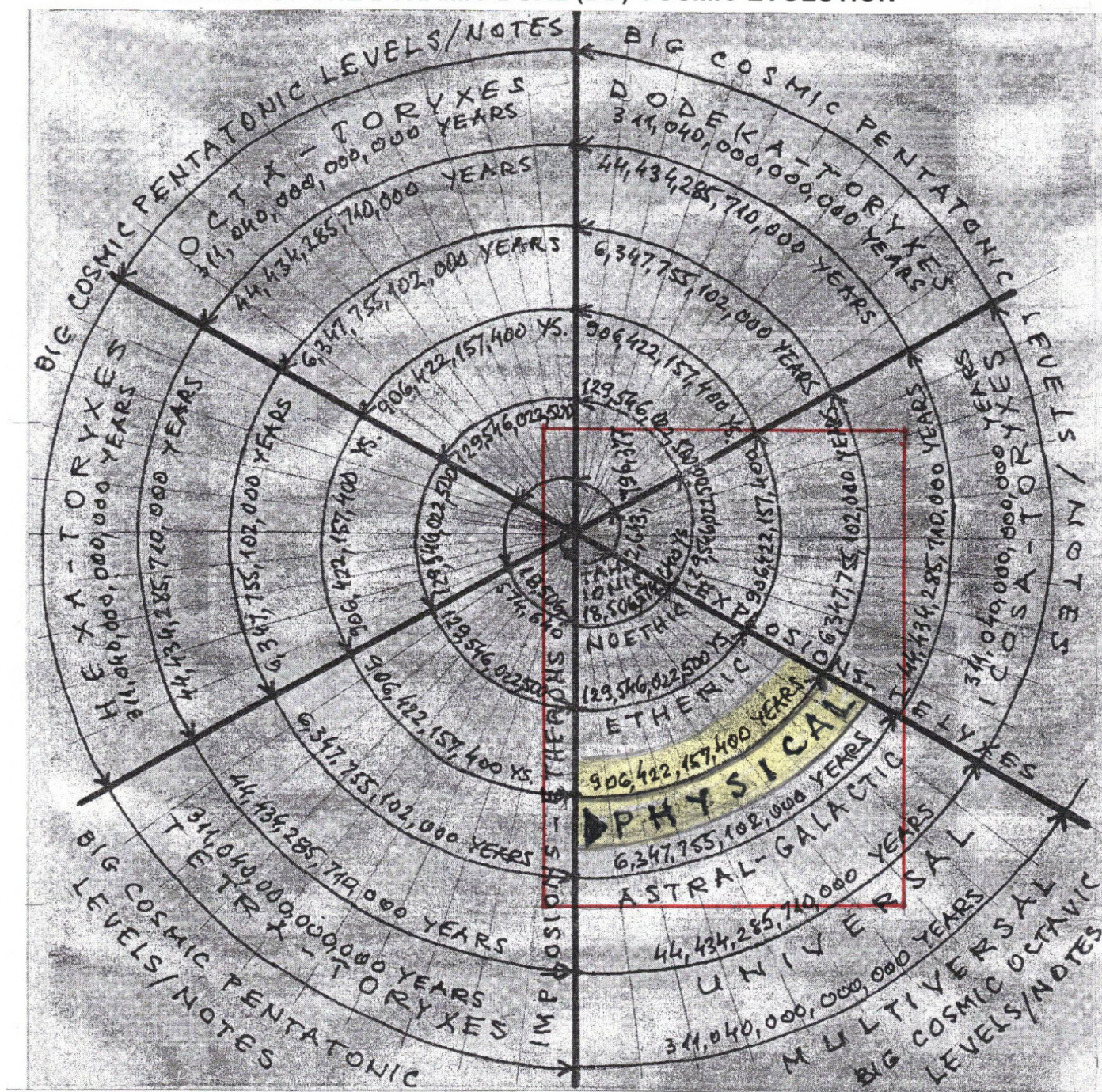
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5. Tables and Figures (1-18)

- (1) - Vortex of the Dynamic Dual (DD) Cosmic Evolution
- (2) - Sketch of the Cosmic Architecture – Stepped Table
- (3) - Sketch of the Cosmic Architecture – Spiral Table
- (4) - Detailing of the Subphysical and Physical Levels
- (5) - Detailing of the Pentatonic and Octavic Cosmic Levels
- (6) - Matter-Creation and Evolution within the Octavic Levels
- (7) - Imaginary Section of the Conic-Toroidal Structure
- (8) - Quaternionic Resultant of the Conic Sections
- (9) - Sketch of the ETHERON and ELBU Tetrahedrons
- (10) – Toroidal-Spherical Cosmic Evolution
- (11) – Multilogistical Cosmic Octavic Evolution
- (12) – Tetrahedral Intersections as Etheronic Products
- (13) – Detailing of the Physical Cosmic Evolutionary Level
- (14) - Precursors and Functioning of the Bionic Pattern
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- (16) – Menora-like Chaotic/Gravitational Connections
- (17) - Unishell Geodesic and Multishell Fractal Structures
- (18) - Mass-Approximations of the Cosmic Levels' Elements

VORTEX OF THE DYNAMIC DUAL (DD) COSMIC EVOLUTION

(1)



COSMIC ERAS (COSMIC UNITS OF TIME)	COSMIC OCTAVIC LEVELS/NOTES	ROTATION PERIODS (Rx7) TERR. YEARS	TOTAL DURATION (28,521.76 CYCLES) TERRESTRIAL YEARS	BIONIC STRUCTURED DARK PERIODS (Dx5) TERRESTRIAL YEARS
AEON (YEAR)	MULTIVERSAL	10,905,356,406	311,040,000,000,000	1,555,200,000,000,000
KAİROS (MONTH)	UNIVERSAL	1,557,908,058	44,434,285,710,000	222,171,428,550,000
KRONOS (WEEK)	ASTRAL/GALACTIC	222,558,294	6,347,755,102,000	31,738,775,510,000
HEMERA (DAY)	PHYSICAL	31,794,042	906,422,157,400	4,532,110,787,000
HORA (HOUR)	ETHERIC- SENSITIVE	4,540,006	129,546,022,500	647,730,112,500
COSMIN (MINUTE)	NOETHIC- CONSCIOUS	648,858	18,506,574,640	92,532,873,200
COSSEC (SECOND)	TACHIONIC	92,694	2,643,796,377	13,218,981,885

Table 1. Vortex of the Dynamic Dual (DD) Cosmic Evolution

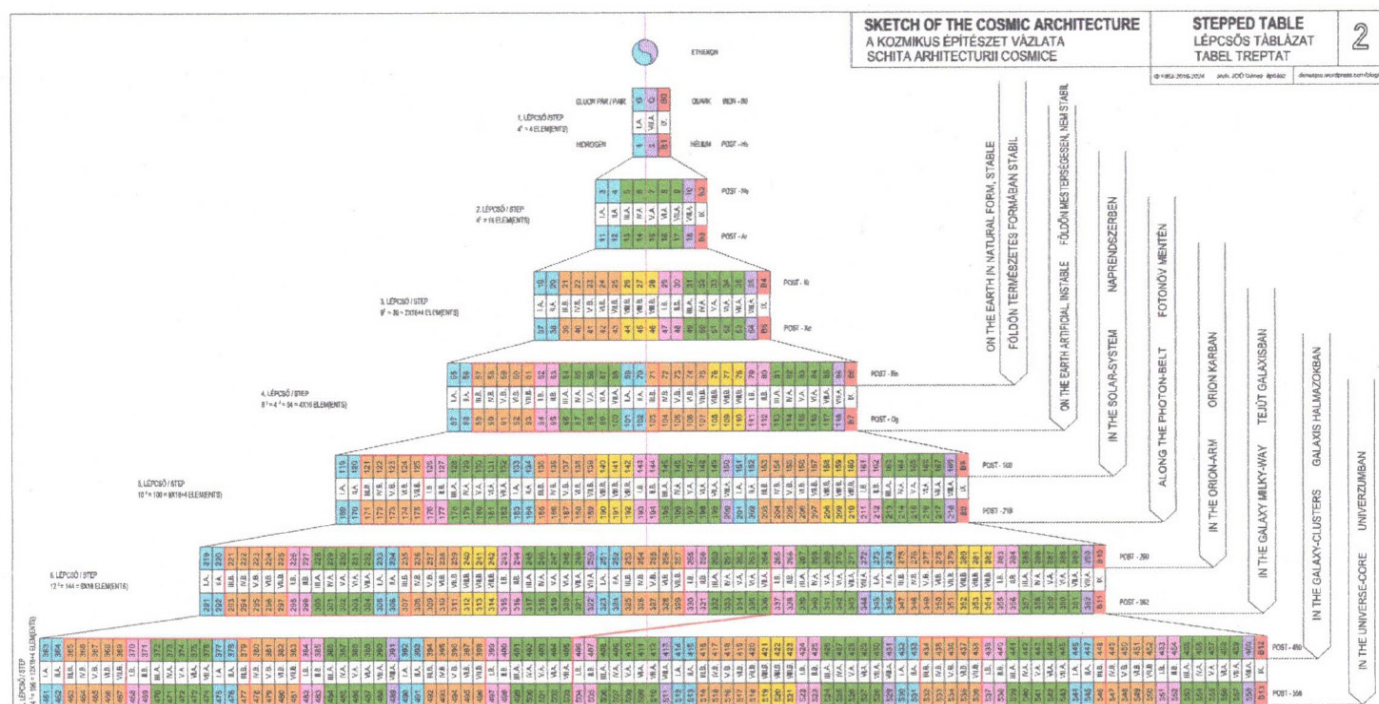


Table 2. *Sketch of the Cosmic Architecture – Stepped Table*

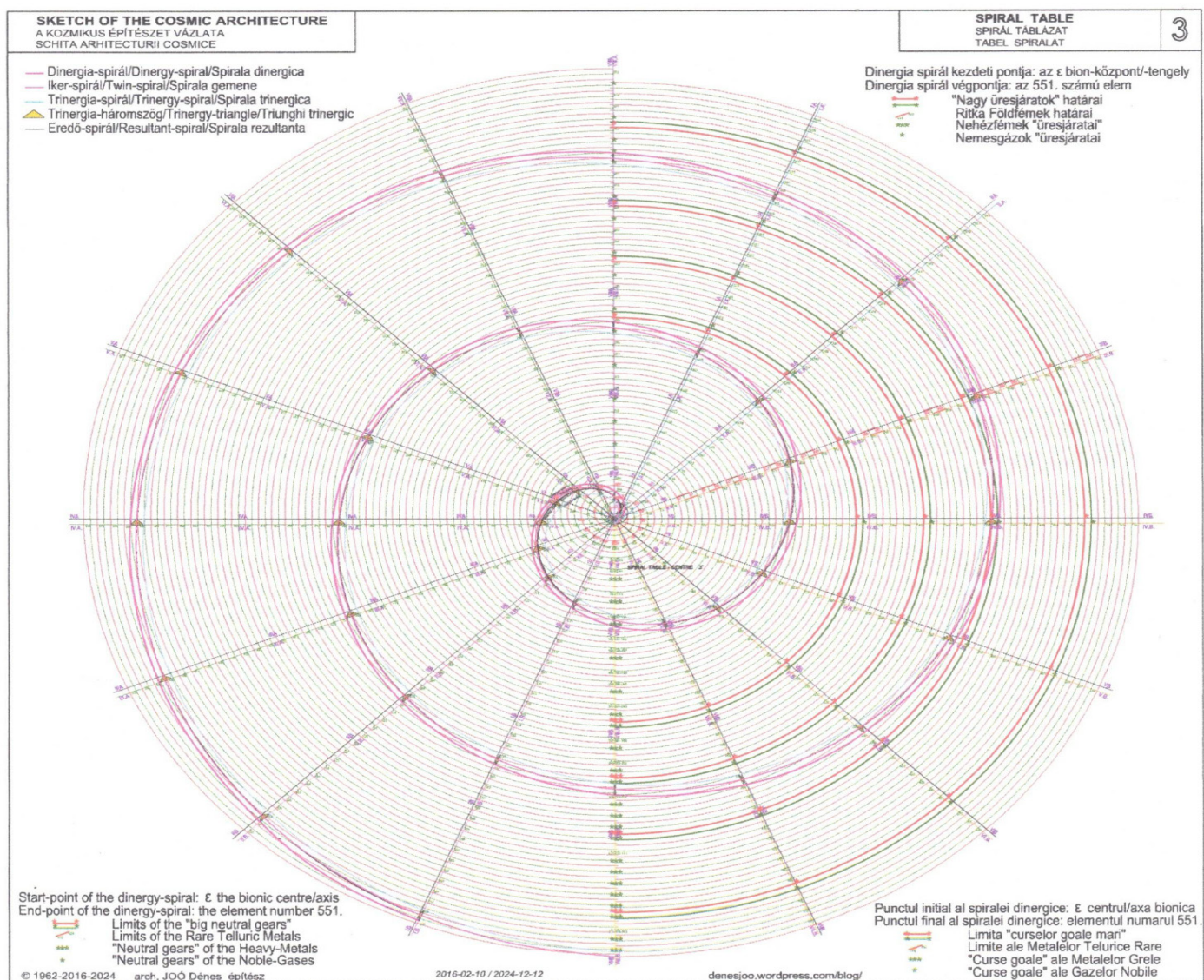


Table 3. *Sketch of the Cosmic Architecture – Spiral Table*

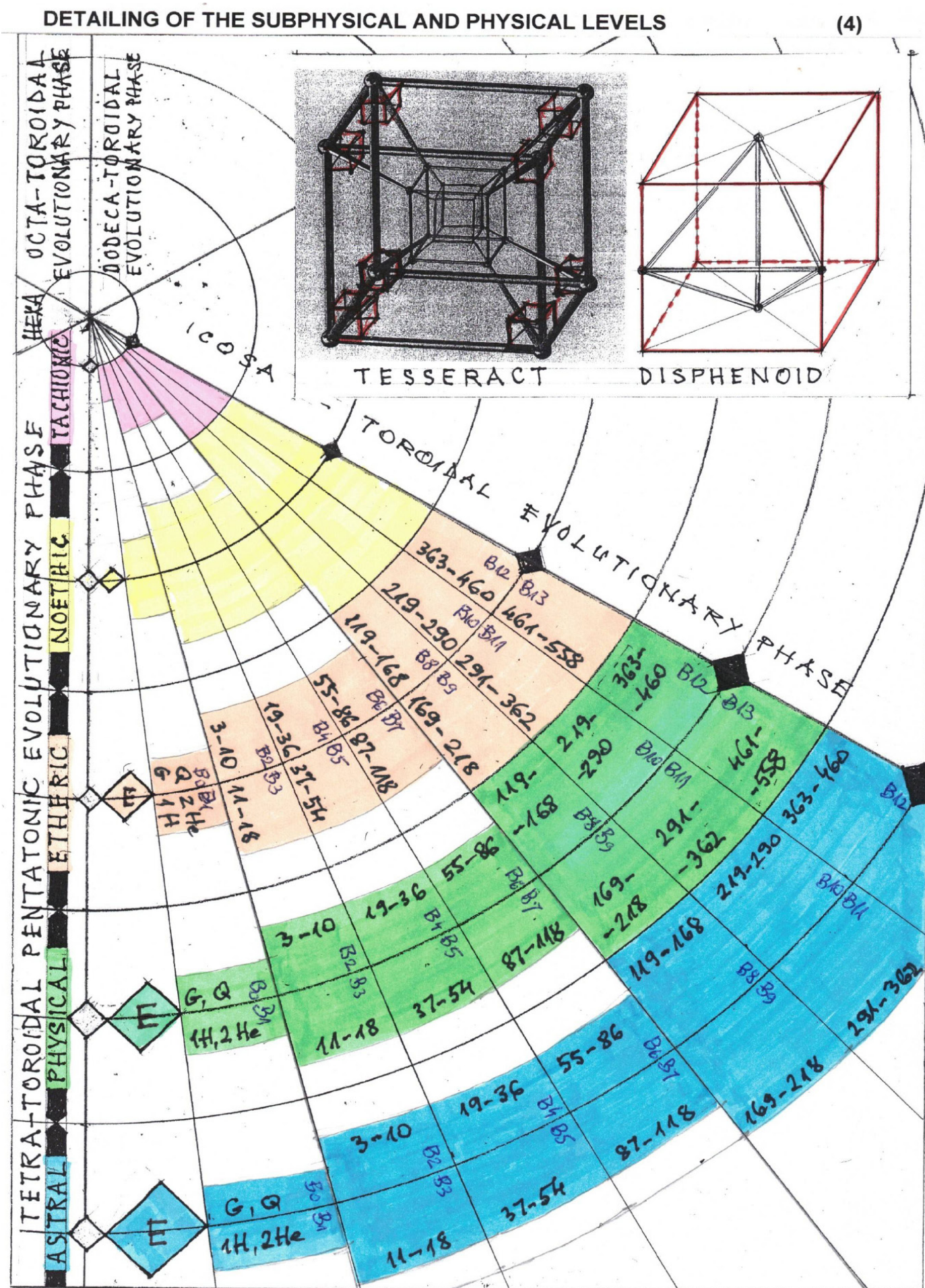


Figure 4. Detailing of the Subphysical and Physical Levels

(5)



MATTER-CREATION AND EVOLUTION WITHIN THE OCTAVIC LEVELS

(6)

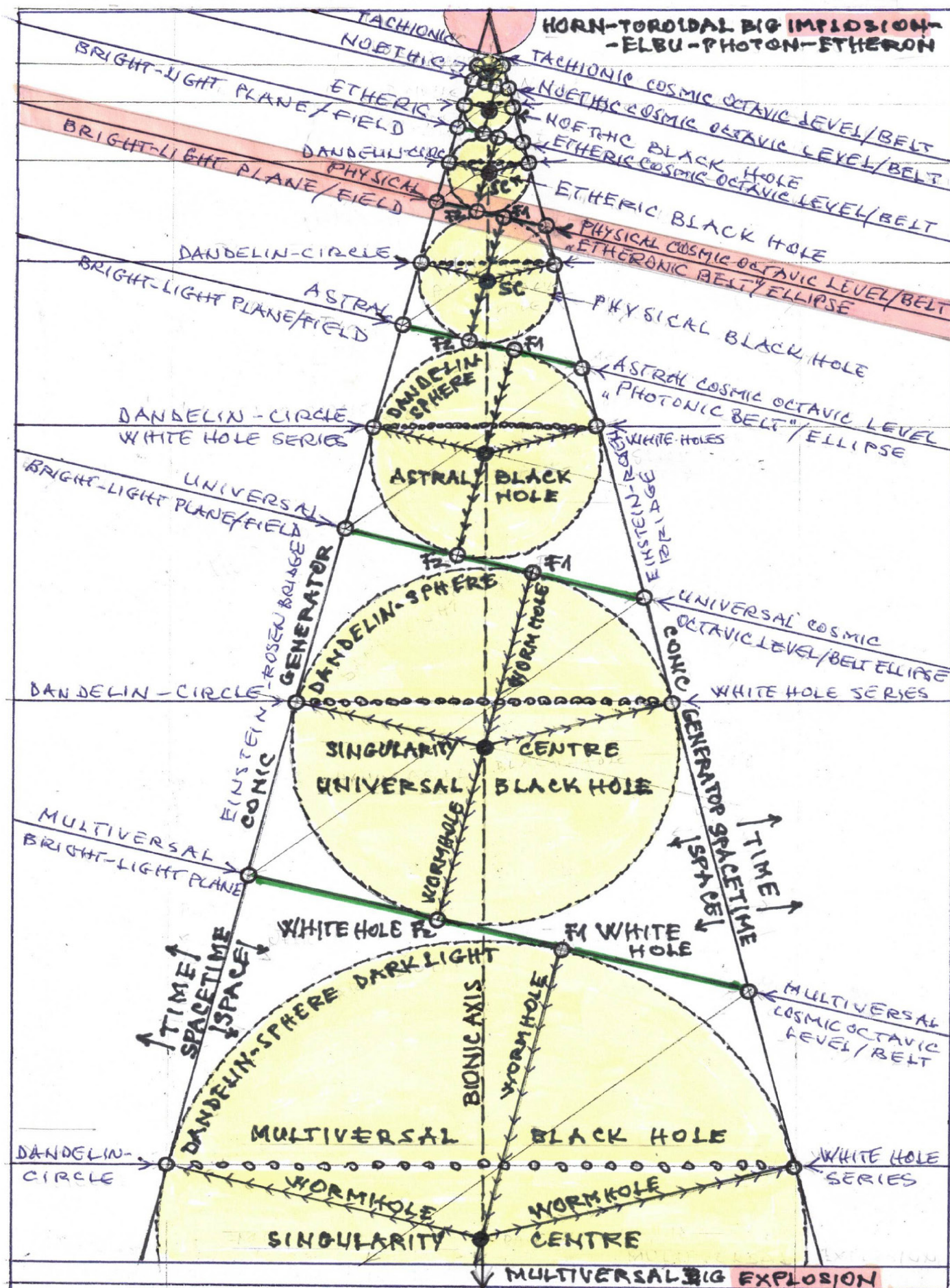


Figure 6. *Matter-Creation and Evolution within the Octavic Levels*

IMAGINARY SECTION OF THE CONIC-TOROIDAL STRUCTURE - (7)

THE ELEMENTS OF THE CONE – THE CONICS AND BELONGING DANDELIN-SPHERES – DELIMITED BY A CENTRAL HORN-TORUS AND BIFURCATED UP AND DOWN SECONDARY SPINDLE-TORI, MODEL THE BASIC COSMIC FIELDS:

- **HYPERBOLA – THERMO-GRAVIFIC FIELD**, with gravific monopoles;
- **PARABOLA – ELECTRO-MAGNETIC FIELD**, with magnetic monopole;
- **ELLIPSE – ETHERO-QUARK-GLUONIC FIELD**, with quark-gluonic dipole

THE INTERIOR OF THE CONE REPRESENTS THE SPACE-DOMAIN, AND THE INTERIOR OF THE TORI THE TIME-DOMAIN, RESPECTIVELY THE CONIC SURFACE THE SPACE-TIME, ON/IN WHICH ARE HAPPENING THE EVENTS. THE DIMENSIONS ARE COORDINATES OF THIS SPACE-TIME STRUCTURE, IN CONNECTION WITH THE INVOLUTION-LINE LIGHT (13D) – INFORMATION (8D) – ENERGY (5D) – MATTER (3D), IN FRACTAL STEPS, WITH GENESIS FROM THE MICRO- COSMIC, AND DISTRIBUTION ON THE MACRO-COSMIC LEVEL.

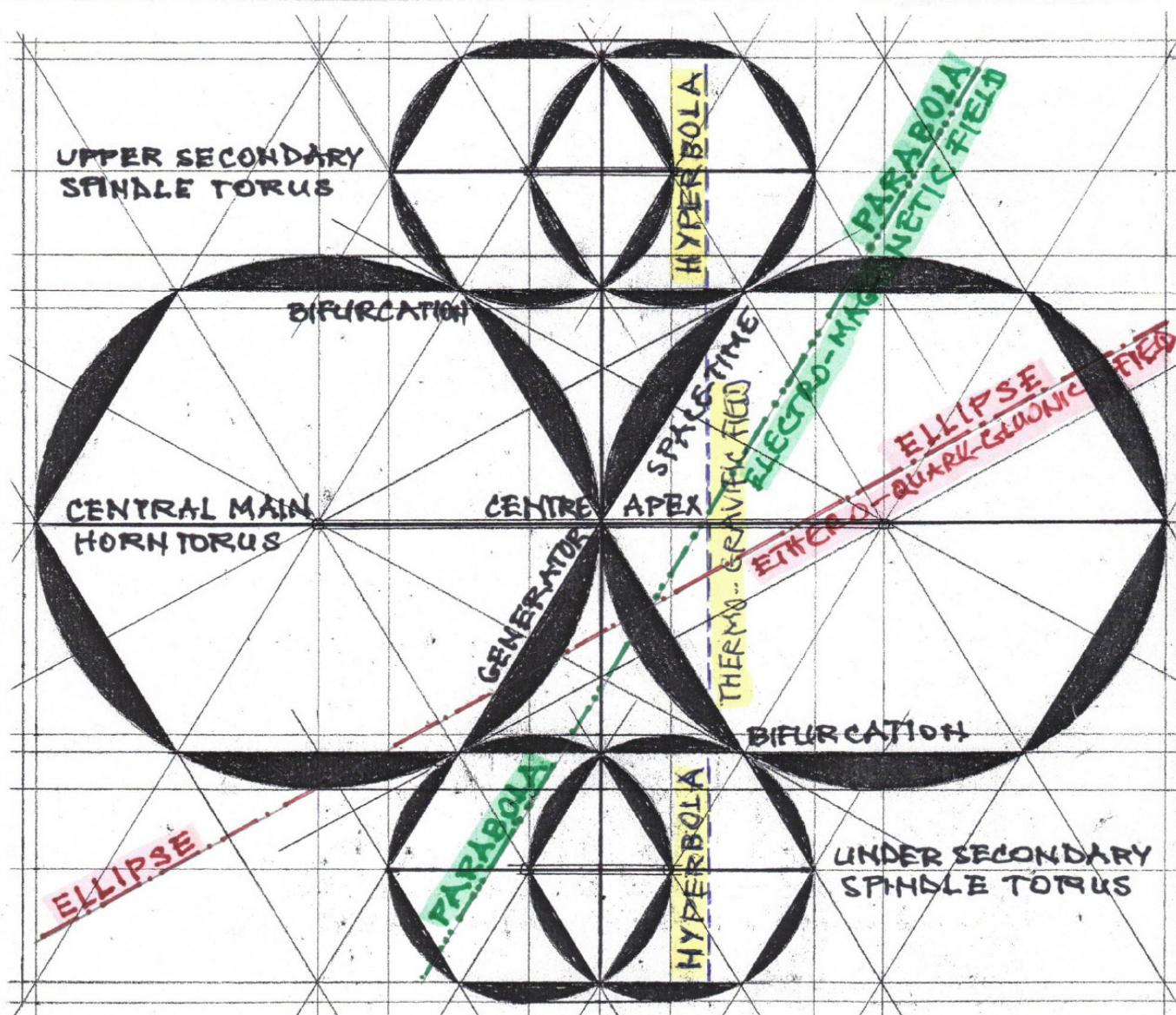


Figure 7. Imaginary Section of the Conic-Toroidal Structure

QUATERNIONIC RESULTANT OF THE CONIC SECTIONS

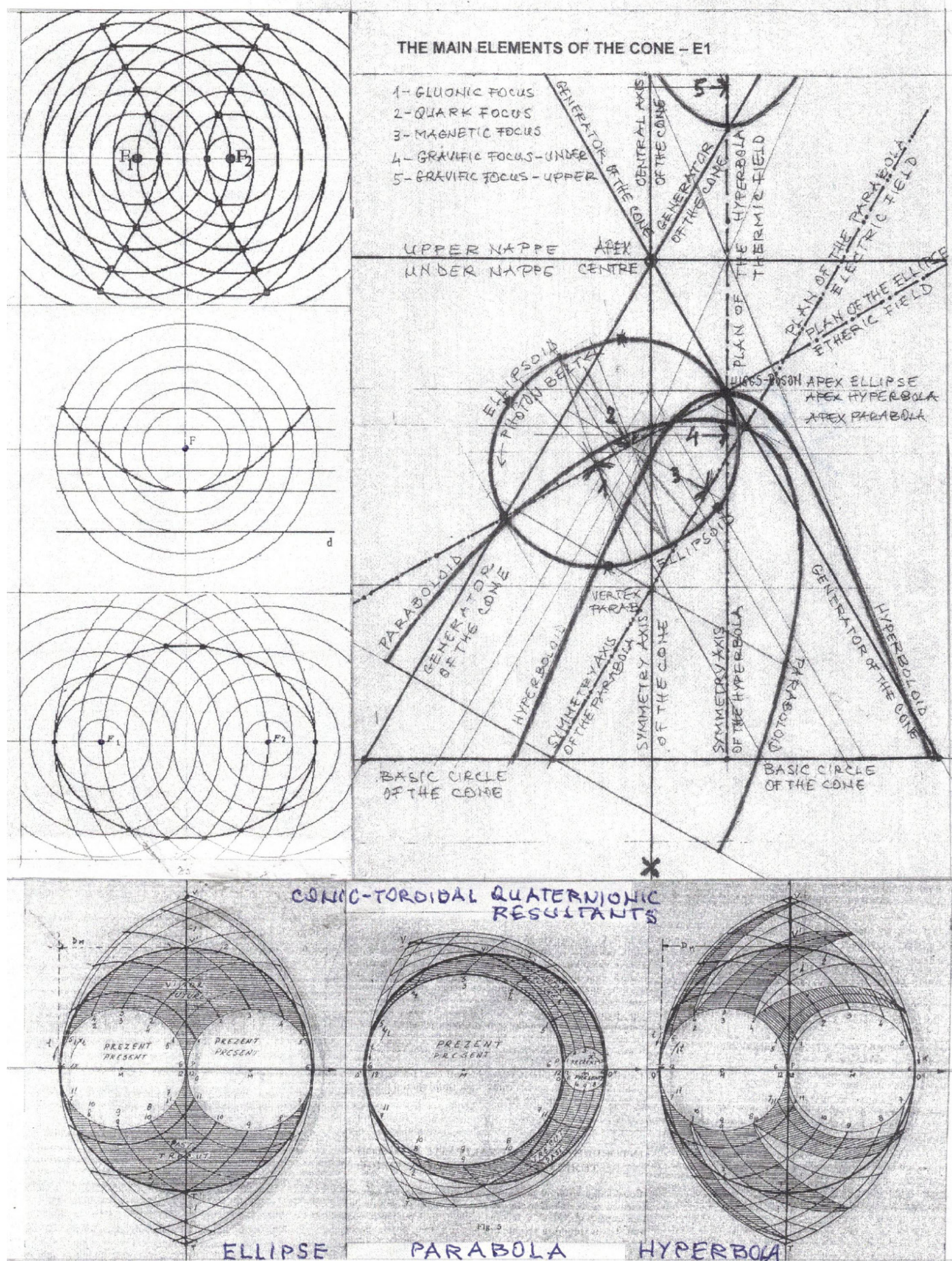


Figure 8. Quaternionic Resultant of the Conic Sections

SKETCH OF THE ETHERON AND ELBU TETRAHEDRONS

(9)

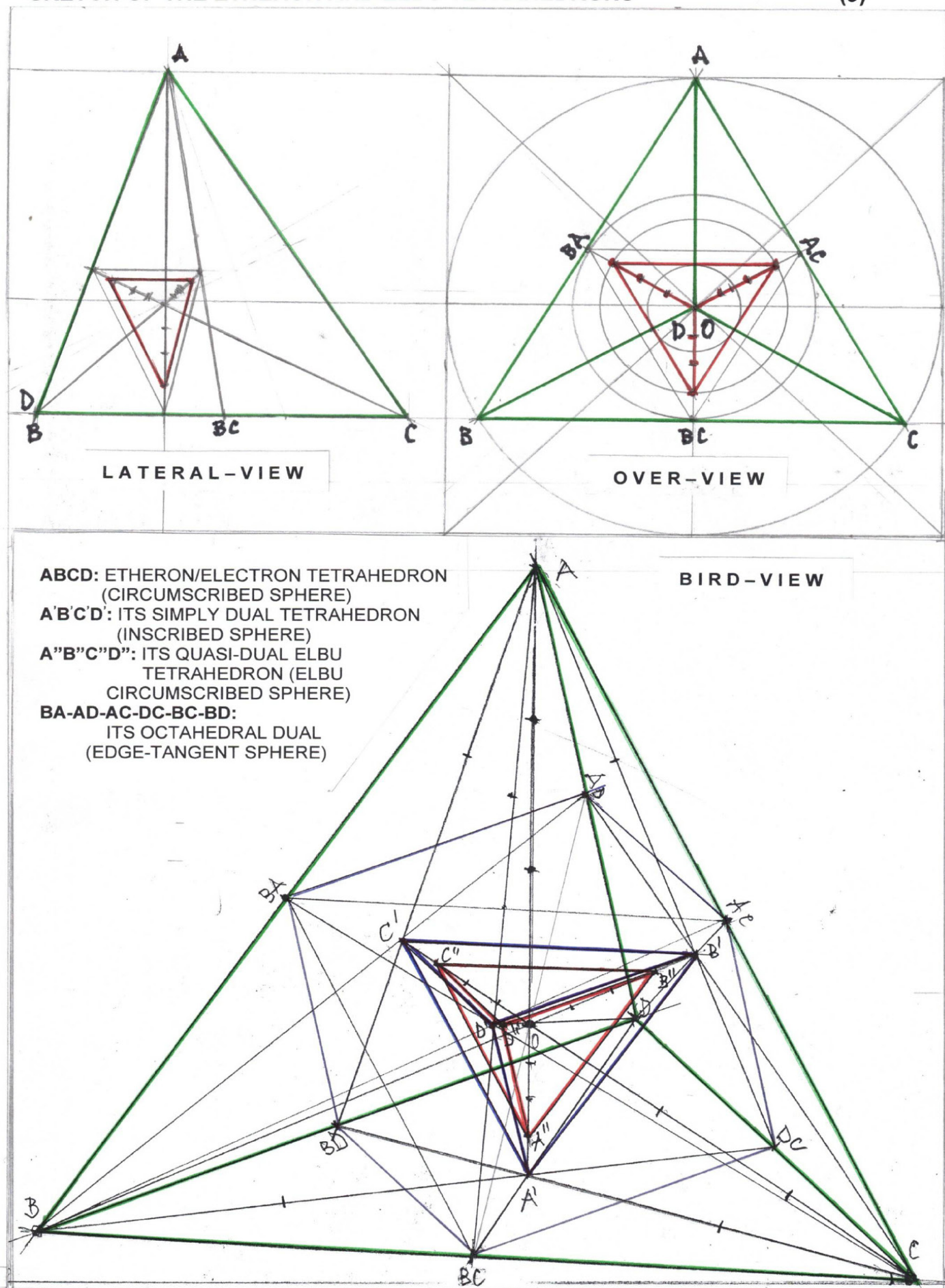


Figure 9. Sketch of the ETHERON and ELBU Tetrahedrons

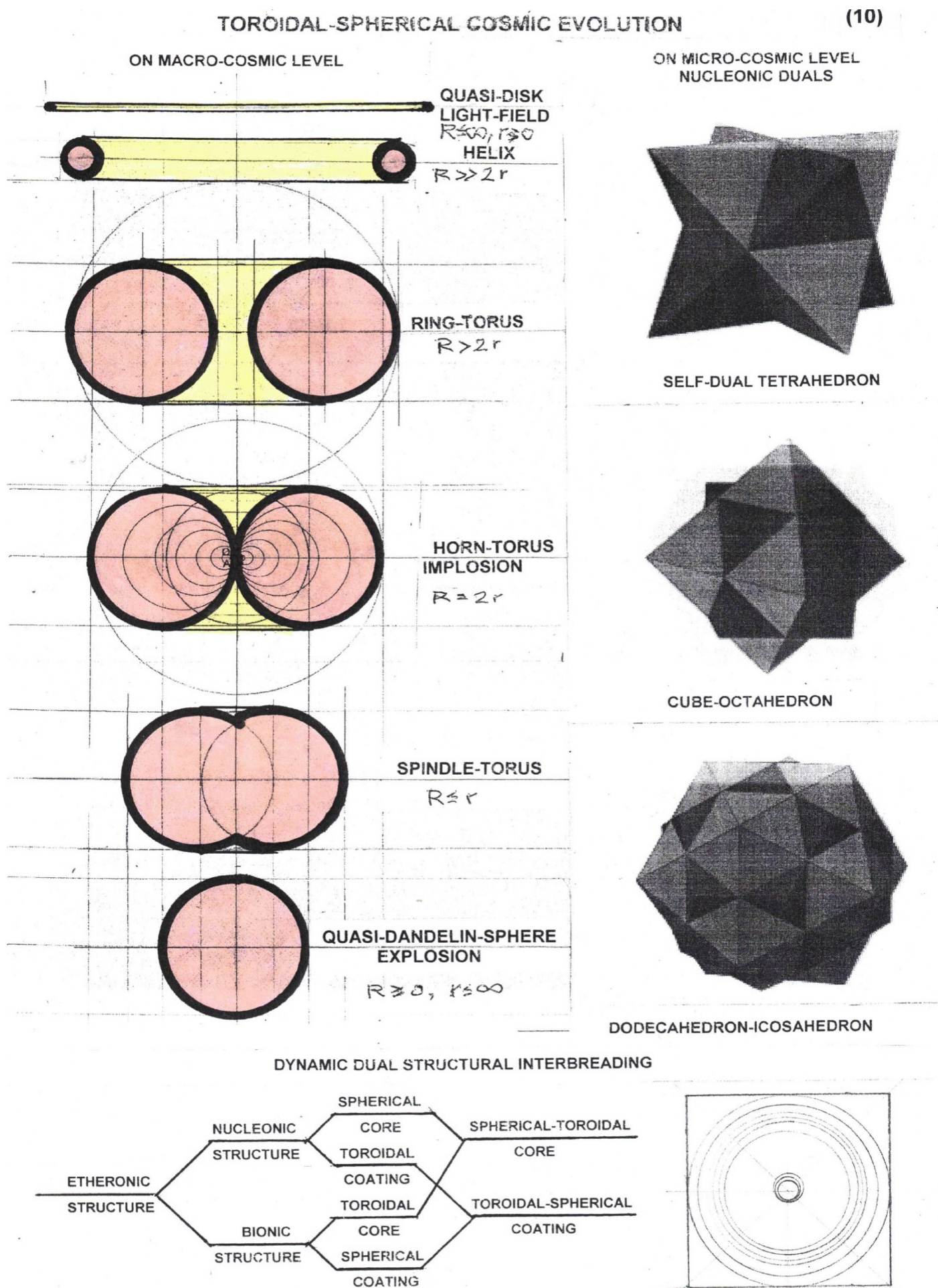


Figure 10. Toroidal-Spherical Cosmic Evolution

MULTI-LOGISTICAL COSMIC OCTAVIC EVOLUTION (11)

(11)

(HUGH EVERETT'S ORIGINAL IDEA, PRINCETON, 1956)

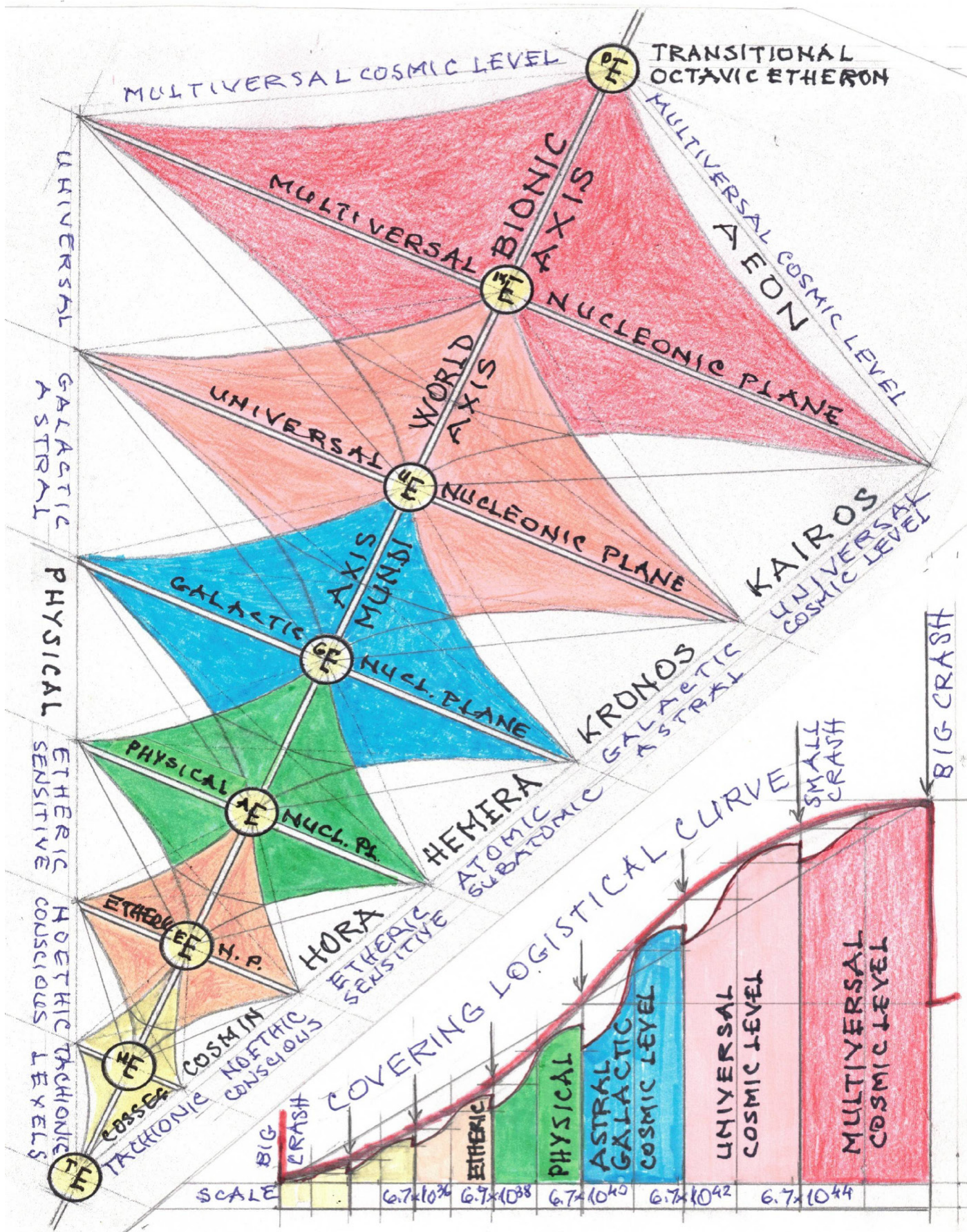
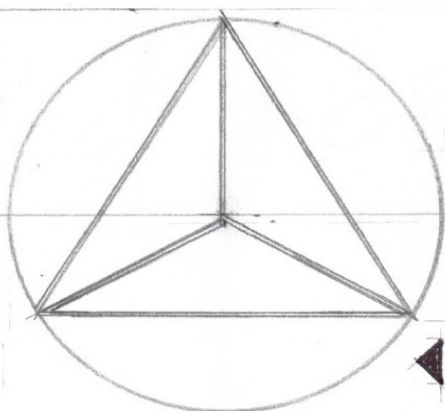


Figure 11. *Multilogistical Cosmic Octavic Evolution*

TETRAHEDRAL INTERSECTIONS AS ETHERONIC PRODUCTS

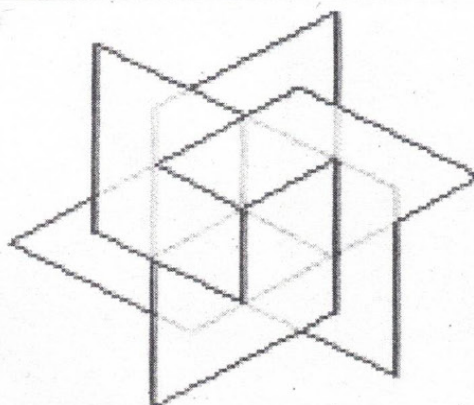
(12)

ETHERON/TETRAHEDRON

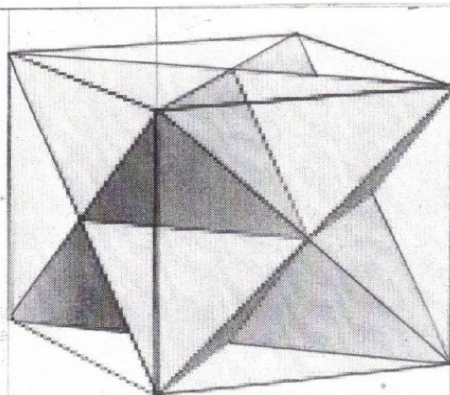


◀ $R_{\text{CIRCUMSCRIBED SPHERE}} = 0.612 \text{ EDGE}$

3 GOLDEN TRIANGLES SKELETON

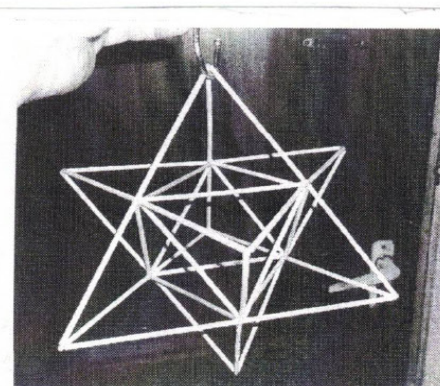


GLUON = 2 ETHERONS/CENTRAL INTERSECTION OF 2 TETRAHEDRA

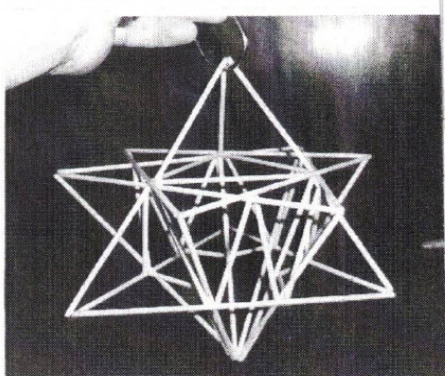


◀ INSCRIBED IN CUBE
BIQUATERNIONIC

TRIAxIAL
MERKABA ▶

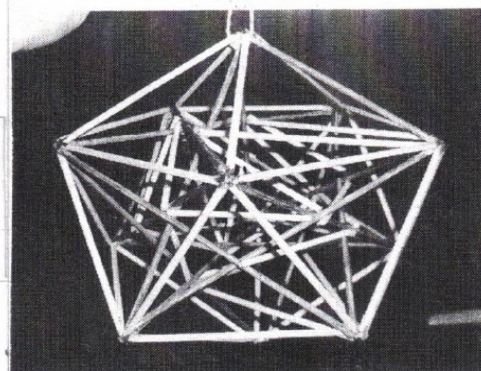


QUARK = 3 ETHERONS/CENTRAL INTERSECTION OF 3 TETRAHEDRA

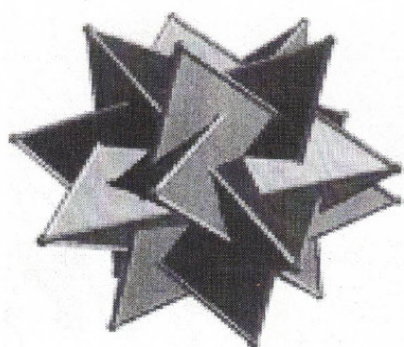


◀ 3 REGULAR
2+1 POLARIZED

3 IRREGULAR
DOUBLE WEDGED ▶



BION $B_0/B_5 = 5/10$ ETHERONS/INTERSECTION OF 5/10 TETRAHEDRA



◀ 5 ETHERONS
BION B_0

10 ETHERONS
BION B_5 ▶

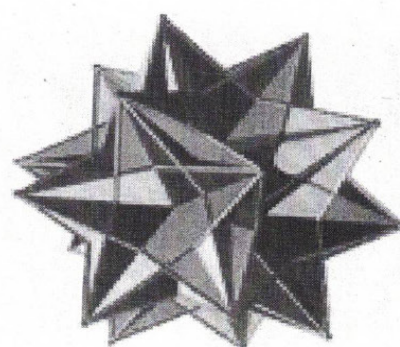


Figure 12. Tetrahedral Intersections as Etheronic Products

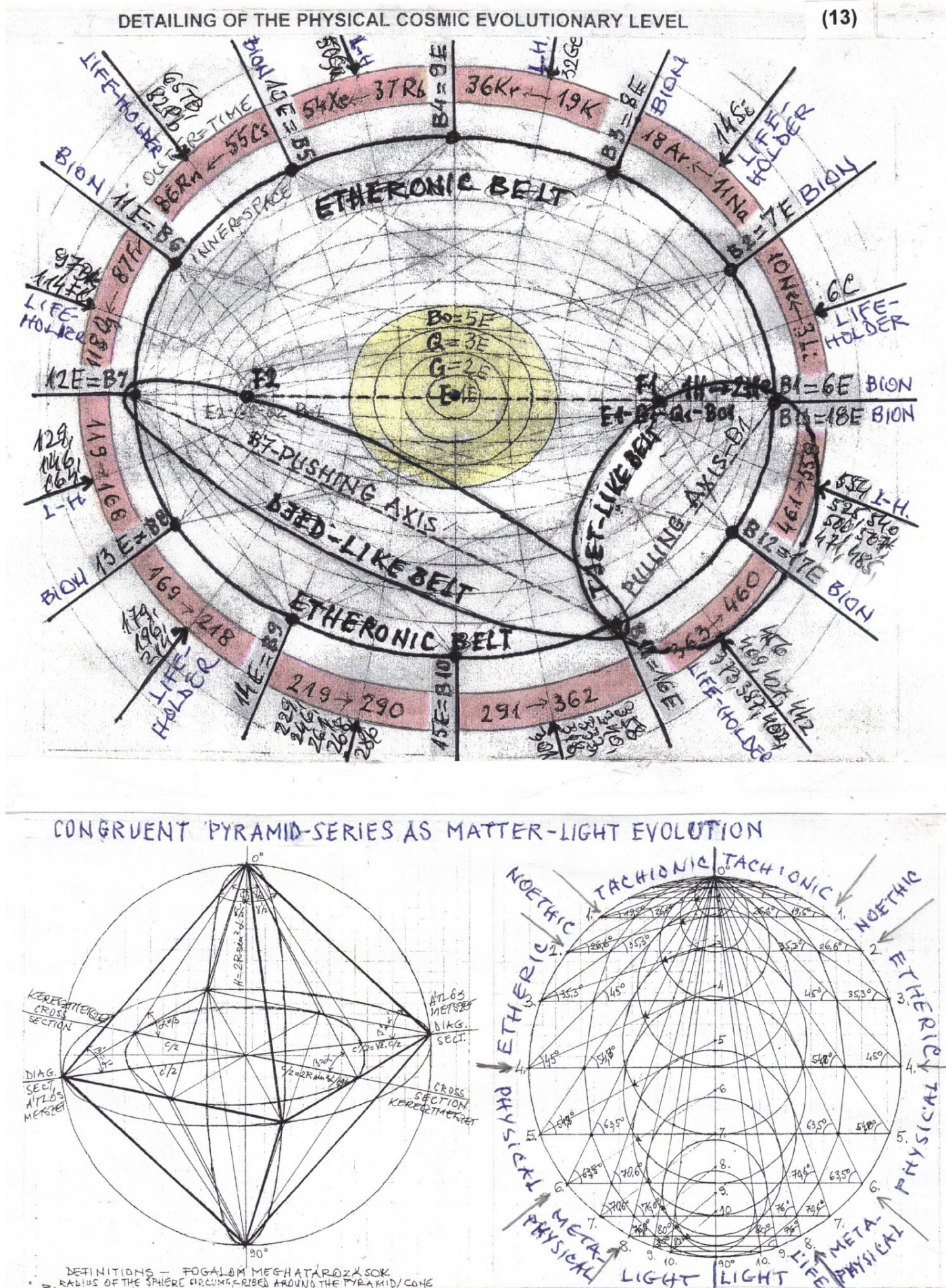
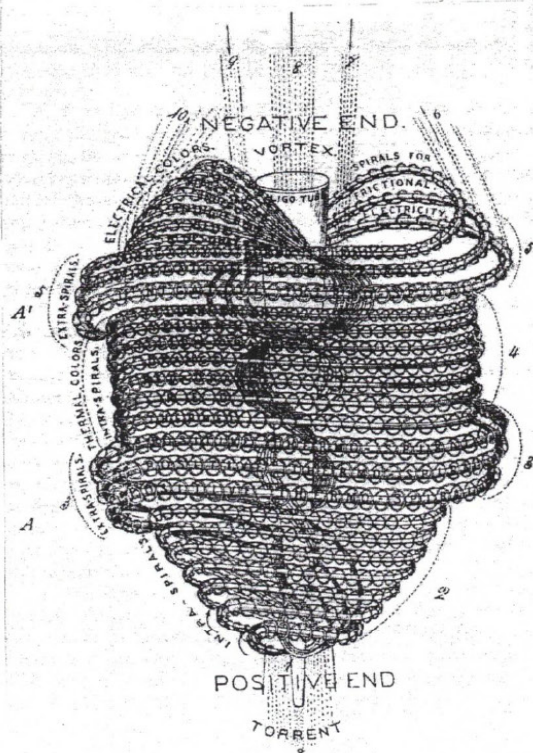


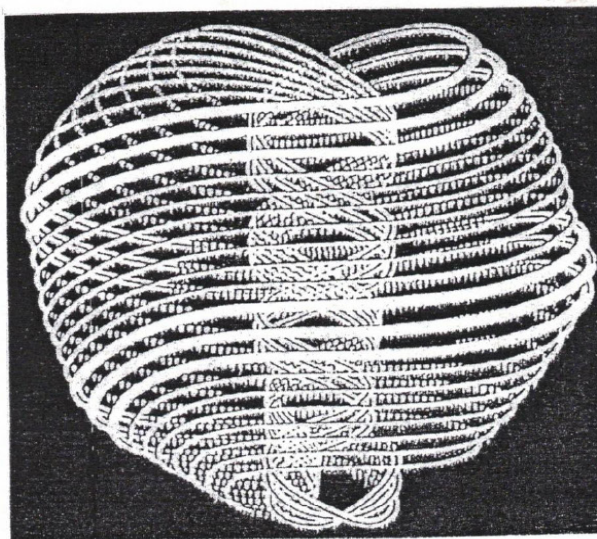
Figure 13. Detailing of the Physical Cosmic Evolutionary Level

PRECURSORS OF THE BIONIC PATTERN (14)

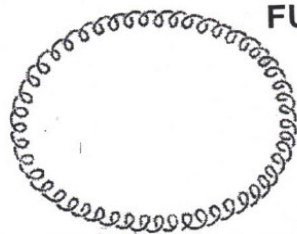
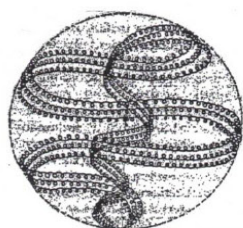


THE ETHEREAL ATOM OF EDWIN D. BABBITT
(THE PRINCIPLES OF LIGHT AND COLOR, 1878)

BOTH MODELS ARE CONSIDERED FUNDAMENTAL UNITS
OF THE PHYSICAL UNIVERSE, AND ARE PRECEDED BY
SIR WILLIAM CROOKES' AGGREGATIONS OF „PROTYLE”



THE ULTIMATE PHYSICAL ATOM (UPA) OF
ANNIE BESANT & CHARLES W. LEADBEATER
(OCCULT CHEMISTRY, 1908)



FUNCTIONING OF THE BIONIC PATTERN (4)

A whorl is a helix with $1680 = 3 \times 560$ turns, or “123-order spirillae” $3 \times 80 \times 7$ etheronic-gluonic-quark sincron turns, with their successive bionic resultants

7 1st-order spirillae

$$7^1 = 7$$

7x7 2nd-order spirillae

$$7^2 = 49$$

7x7x7 3rd-order spirillae

$$7^3 = 343$$

7x7x7x7 4th-order spirillae

$$7^4 = 2401 = 3 \times 80 \times 10 + 1$$

7x7x7x7x7 5th-order spirillae

$$7^5 = 16807 = 1680 \times 10 + 7$$

7x7x7x7x7x7 6th-order spirillae

$$7^6 = 117649 = 1680 \times 70 + 49$$

“Bubbles in kallon”

7x7x7x7x7x7x7 7th-order spirillae

$$7^7 = 823543 = 1680 \times 490 + 343$$

THE SPIRILLA OF SPIRILLAE IS EXPONENTIAL.
THERE ARE TWO PULSATING RESONANCE
SERIES: 1. SPHERICAL/OUTER WITHOUT BUBBLES,
2. TOROIDAL/INNER WITH BUBBLES FORMATION.
THIS BIONIC PATTERN IS FUNCTIONING
ON EVERY BIG COSMIC OCTAVIC LEVEL.

Figure 14. Precursors and Functioning of the Bionic Pattern

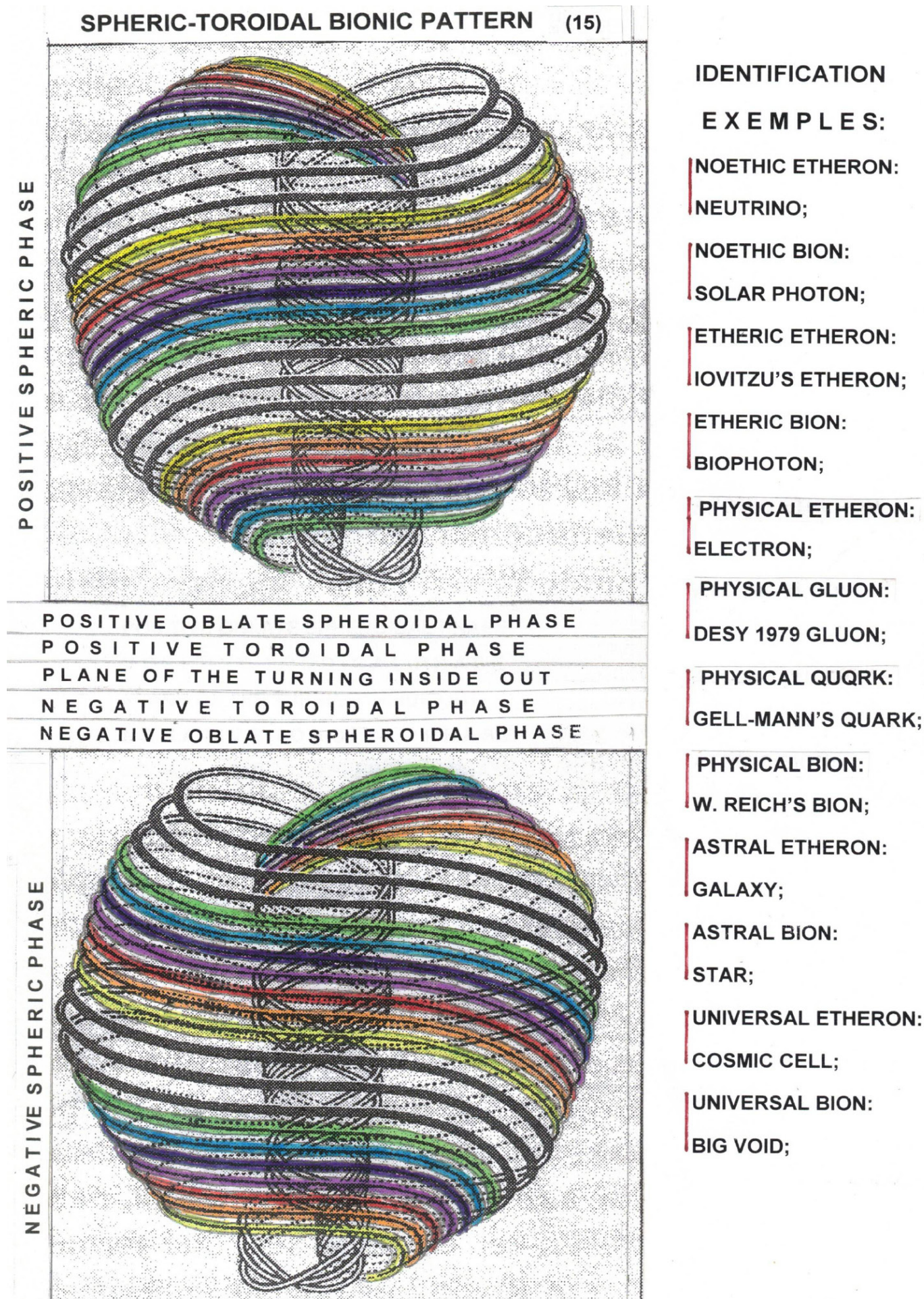


Figure 15. Spheric-Toroidal Bionic Pattern

MENORA-LIKE CHAOTIC/GRAVITATIONAL CONNECTIONS

(16)

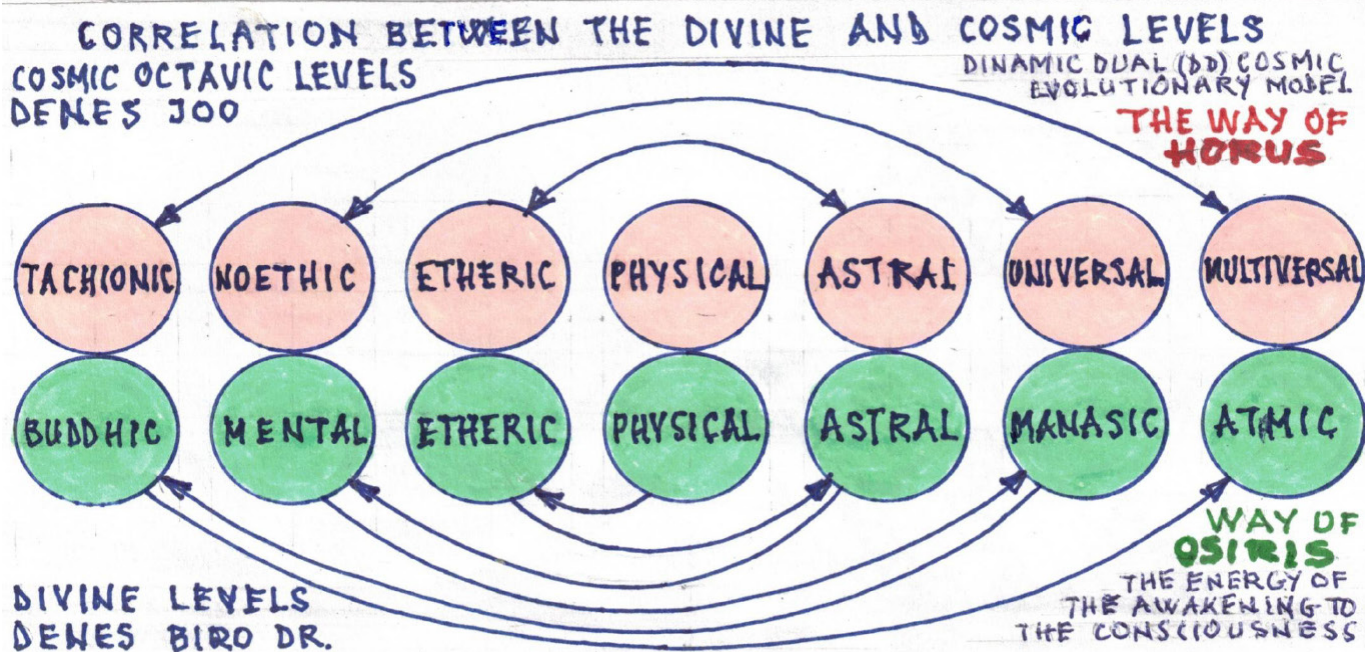
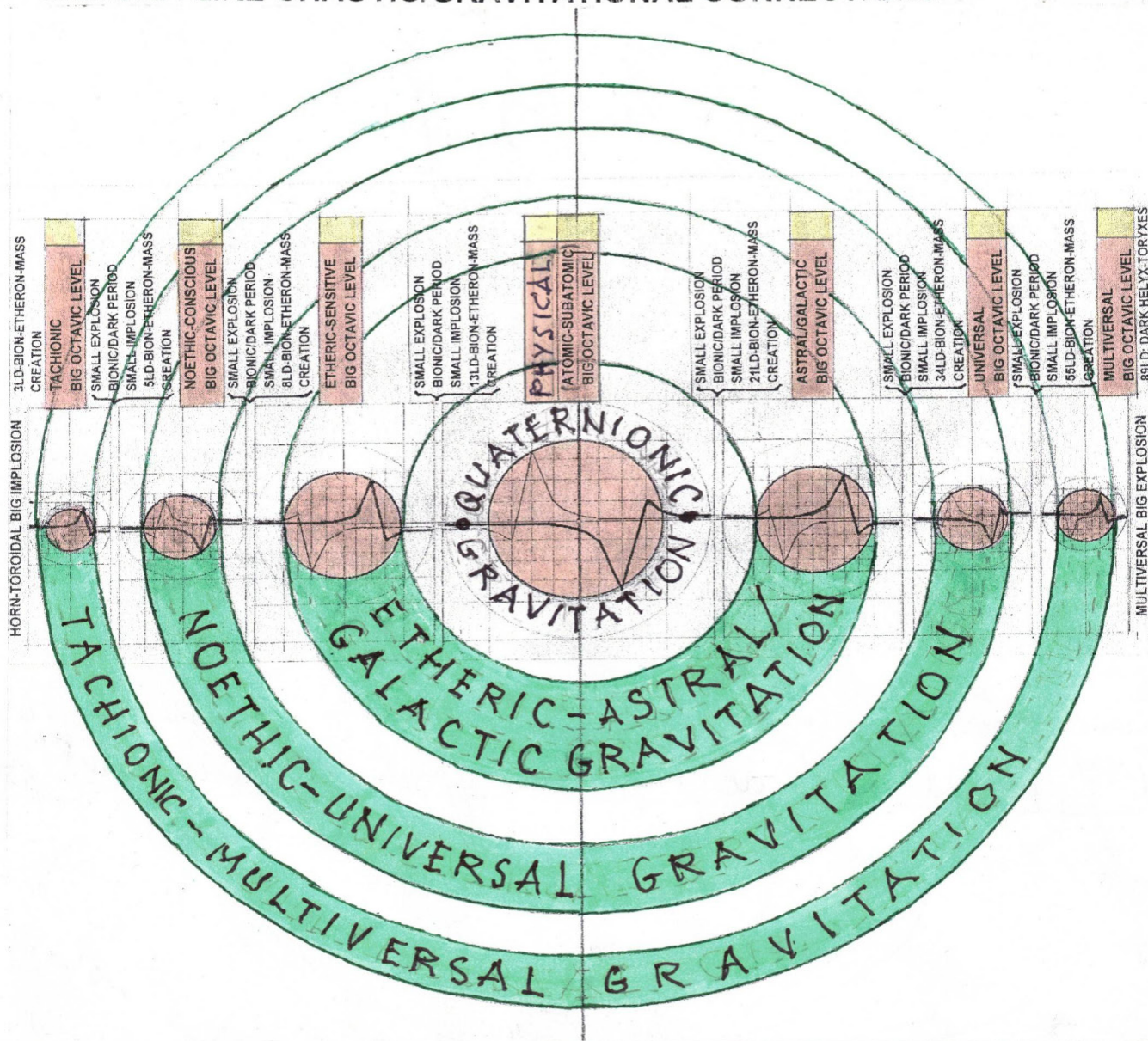


Figure 16. Menora-like Chaotic/Gravitational Connections

UNISHELL GEODESIC AND MULTISHELL FRACTAL STRUCTURES

(17)

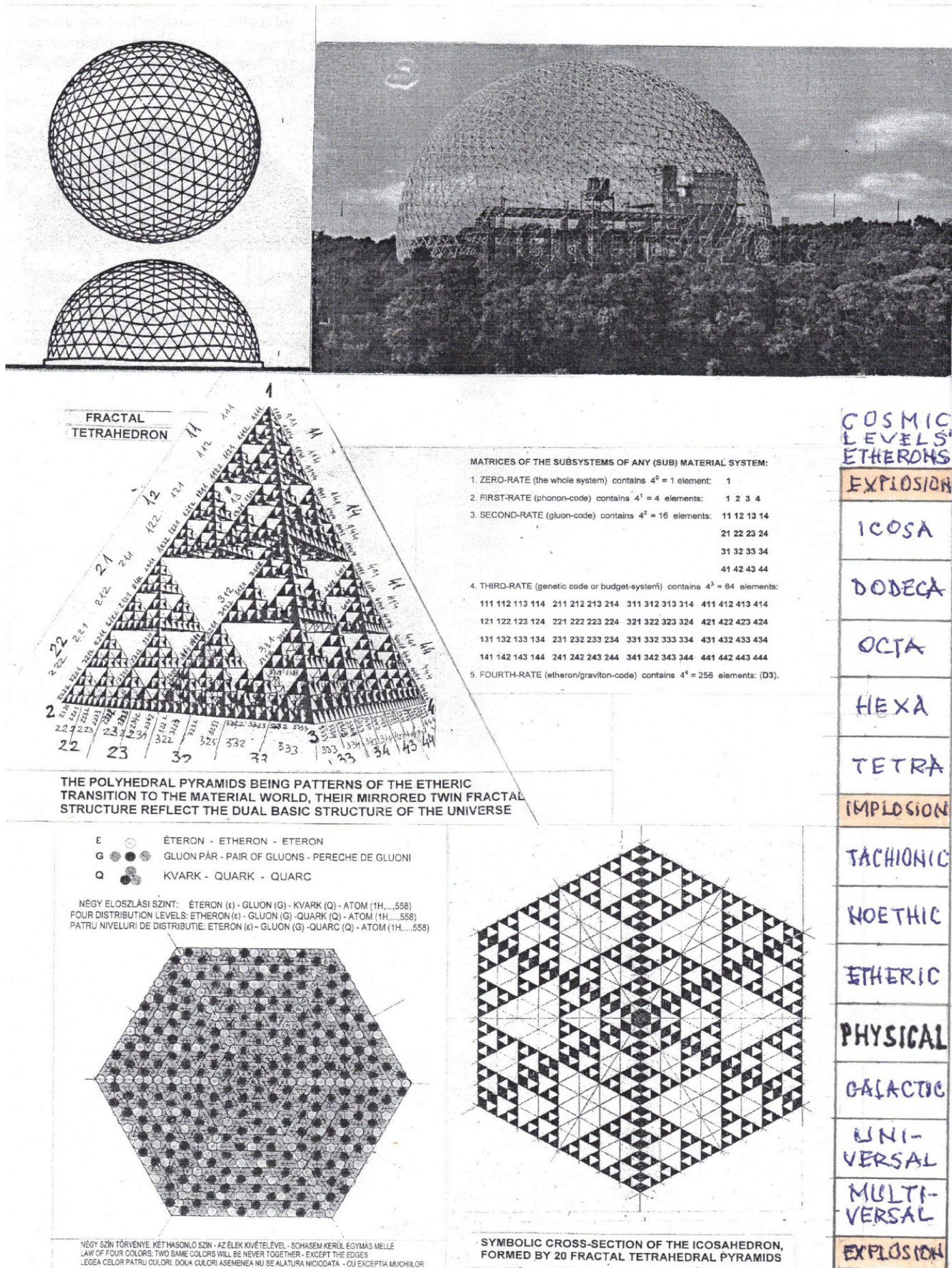


Figure 17. Unishell Geodesic and Multishell Fractal Structures

MASS-APPROXIMATIONS OF THE COSMIC LEVELS' ELEMENTS

(18)

LEVEL	TACHIONIC	NOETHIC	ETHERIC	PHYSICAL	ASTRAL	UNIVERSAL	MULTIVERSAL	
STRUCTURE	COSMIC RATIO	6.75×10^{34}	6.75×10^{36}	6.75×10^{38}	6.75×10^{40}	6.75×10^{42}	6.75×10^{44}	MASS [KG]
ETHERON	2.961×10^{-141}	1.999×10^{-106}	1.348×10^{-69}	9.109×10^{-31}	6.150×10^{10}	4.159×10^{53}	2.802×10^{98}	
GLUON	5.923×10^{-141}	3.998×10^{-106}	2.699×10^{-69}	1.822×10^{-30}	1.230×10^{11}	8.303×10^{53}	5.604×10^{98}	
QUARK	8.884×10^{-140}	5.997×10^{-105}	4.048×10^{-69}	2.733×10^{-30}	1.845×10^{11}	1.245×10^{54}	8.404×10^{98}	
BION B ₀	1.481×10^{-139}	9.995×10^{-105}	6.747×10^{-69}	4.555×10^{-30}	3.075×10^{11}	2.076×10^{54}	1.401×10^{98}	
HYDROGEN	8.410×10^{-138}	5.677×10^{-103}	2.473×10^{-66}	1.674×10^{-27}	1.130×10^{14}	7.627×10^{56}	5.148×10^{101}	
HELIUM	3.647×10^{-137}	2.462×10^{-102}	9.848×10^{-66}	6.648×10^{-27}	4.487×10^{14}	3.030×10^{57}	2.045×10^{102}	
POST-He B ₁	$\sim 10^{-137}$	$\sim 10^{-102}$	$\sim 10^{-66}$	$\sim 10^{-27}$	$\sim 10^{14}$	$\sim 10^{57}$	$\sim 10^{102}$	
NEON	1.089×10^{-136}	7.353×10^{-102}	4.963×10^{-65}	3.351×10^{-26}	2.262×10^{15}	1.527×10^{58}	1.031×10^{103}	
POST-Ne B ₂	$\sim 10^{-136}$	$\sim 10^{-102}$	$\sim 10^{-65}$	$\sim 10^{-26}$	$\sim 10^{15}$	$\sim 10^{58}$	$\sim 10^{103}$	
ARGON	2.157×10^{-136}	1.456×10^{-101}	9.83×10^{-65}	6.633×10^{-26}	4.478×10^{15}	3.023×10^{58}	2.040×10^{103}	
POST-Ar B ₃	$\sim 10^{-136}$	$\sim 10^{-101}$	$\sim 10^{-65}$	$\sim 10^{-26}$	$\sim 10^{15}$	$\sim 10^{58}$	$\sim 10^{103}$	
KRYPTON	4.523×10^{-136}	3.053×10^{-101}	2.066×10^{-64}	1.391×10^{-25}	9.393×10^{15}	6.341×10^{58}	4.280×10^{103}	
POST-Kr B ₄	$\sim 10^{-136}$	$\sim 10^{-101}$	$\sim 10^{-64}$	$\sim 10^{-25}$	$\sim 10^{15}$	$\sim 10^{58}$	$\sim 10^{103}$	
XENON	7.087×10^{-136}	4.784×10^{-101}	3.229×10^{-64}	2.180×10^{-25}	1.471×10^{16}	9.935×10^{58}	6.706×10^{103}	
POST-Xe B ₅	$\sim 10^{-136}$	$\sim 10^{-101}$	$\sim 10^{-64}$	$\sim 10^{-25}$	$\sim 10^{16}$	$\sim 10^{58}$	$\sim 10^{104}$	
RADON	1.198×10^{-136}	8.089×10^{-101}	5.461×10^{-64}	3.687×10^{-25}	2.490×10^{16}	1.681×10^{59}	1.135×10^{104}	
POST-Rn B ₆	$\sim 10^{-136}$	$\sim 10^{-101}$	$\sim 10^{-64}$	$\sim 10^{-25}$	$\sim 10^{16}$	$\sim 10^{59}$	$\sim 10^{104}$	
OGANESSON	1.595×10^{-135}	1.077×10^{-100}	7.231×10^{-64}	4.882×10^{-25}	3.296×10^{16}	2.225×10^{59}	1.502×10^{104}	
POST-Og B ₇	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-64}$	$\sim 10^{-25}$	$\sim 10^{16}$	$\sim 10^{59}$	$\sim 10^{104}$	
ELEM. 168	1.708×10^{-135}	1.153×10^{-100}	1.033×10^{-63}	6.974×10^{-25}	4.708×10^{16}	3.178×10^{59}	2.145×10^{104}	
POST-168 B ₈	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-25}$	$\sim 10^{16}$	$\sim 10^{59}$	$\sim 10^{104}$	
ELEM. 218	2.942×10^{-135}	1.986×10^{-100}	1.341×10^{-63}	9.050×10^{-25}	6.109×10^{16}	4.124×10^{59}	2.784×10^{104}	
POST-218 B ₉	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-24}$	$\sim 10^{16}$	$\sim 10^{59}$	$\sim 10^{104}$	
ELEM. 290	3.912×10^{-135}	2.641×10^{-100}	1.783×10^{-63}	1.204×10^{-24}	8.106×10^{16}	5.486×10^{59}	3.703×10^{104}	
POST-290 B ₁₀	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-24}$	$\sim 10^{17}$	$\sim 10^{59}$	$\sim 10^{104}$	
ELEM. 362	4.884×10^{-135}	3.297×10^{-100}	2.226×10^{-63}	1.503×10^{-24}	1.014×10^{17}	6.848×10^{59}	4.622×10^{104}	
POST-362 B ₁₁	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-24}$	$\sim 10^{17}$	$\sim 10^{60}$	$\sim 10^{105}$	
ELEM. 460	2.830×10^{-135}	1.910×10^{-100}	2.829×10^{-63}	1.910×10^{-24}	1.289×10^{17}	8.702×10^{60}	5.874×10^{105}	
POST-460 B ₁₂	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-24}$	$\sim 10^{17}$	$\sim 10^{60}$	$\sim 10^{105}$	
ELEM. 558	7.530×10^{-135}	5.083×10^{-100}	3.431×10^{-63}	2.312×10^{-24}	1.564×10^{17}	1.056×10^{60}	7.128×10^{105}	
POST-558 B ₁₃	$\sim 10^{-135}$	$\sim 10^{-100}$	$\sim 10^{-63}$	$\sim 10^{-24}$	$\sim 10^{17}$	$\sim 10^{60}$	$\sim 10^{105}$	
N. YARKON'S "MAGIC SCIENCE": FIRST PHYSICAL ATOM =					1.3814×10^{10}	ELBU TACHIONIC		
ETHERON:					2.961×10^{-141} KG	1.3841×10^{10}	2.133×10^{-151} KG/ELBU (CORRECTED)	

Figure 18. Mass-Approximations of the Cosmic Levels' Elements