

REVIEW ARTICLE

Black Holes – Wormholes – White Holes

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Abstract

Within the **Breit-Wheeler process** – as the decisive step of the Matter-creation from the Light – the photon-pair is transformed into an **electron-positron dual pair**, but without to specify the **dual** nature of the **photon-pair**. In conformity with the **ETHERONIC THEORY** the **ELBU** (Elementary Light-bubble Unity) is transformed into a **dual pair** of **bright-light** and **dark-light** particles/**photons**, with symmetrical arrangement on both naples of the cone in **planar** (elliptic conic surface), respectively **spherical** (Dandelin-sphere) form **INSIDE the CONE** – thus only in the **SPACE**, without **Time** (conic outside) and **Spacetime** (conic surface) – within the Conic-toroidal Cosmic Evolutionary Model. They meet together in theirs common tangential points, the **foci/white holes** of the elliptic conic surface, respectively along its Spacetime border, creating the **bright** respectively **dark ETHERONS** – on the Physical Cosmic Level **Electrons** and **Positrons** – both evolving from the **free** to the successively **bound** form, but differentiated as follows. **Inside** the elliptic bright-light-plane, the **first Etherons (E)** get together, forming successively **Gluon (G)**, **Quark (Q)**, **Bion (B_0)**, **1H Hydrogen** and **2He Helium**, but the remainder **free Etherons'** assembling will continue **within the Spacetime**, thus **along** the elliptic **Etheronic Belt**, from the element **3Li Litium** to the **Nr. 558**, with a macrostructural frame of **Bionic elements (B_1 - B_{13})**. On the other hand, the **dark Photons** inside the **Dandelin-spheres/black holes** evolve along the Dandelin-circle, tangent to the conic generator, forming the **border/event horizon of the black hole**. The **tunnels** through the **dark hole singularity center**, between the opposed funnel-like **foci/white holes** of the **ellipses/Dandelin-sphere**, respectively **from the center to the Dandelin-circle white holes**, are the **wormholes**. The conic **generators** are functioning as **Einstein-Podolsky-Rosen bridges (EPR paradox)**.

Keywords: ELBU, Bright- and Dark-Light, Bright and Dark Etherons, Black/White Hole, Wormhole.

1. Introduction

On macro-cosmic level within the **Conic-toroidal Cosmic Evolutionary Model** the **Matter-creation** follows only inside the **Horn-toroidal phase**, **after** the Quasi-disc/Light-field constituted by the Elementary Light-bubble Unities (ELBU) resulted from the Big Explosion of the Multiverse as full Dandelin-sphere/Wheeler-blackhole, Helycal and the Ring-toroidal phase, respectively **before** the Spindle-toroidal phase, in which the gradually interpenetreted Matter-layers transform into dark photons till the Quasi-sphere/Multiversal phase, passing through the **real – complex – quaternionic – octonionic – sedenionic – 32nionic – 64nionic** Matter-structural phases (1,2,3,4) [1,2].

Within the **brane cosmological attempts** the most remarkable model – interpretable like in (2) – refers to a spinning [3], respectively non-spinning BRANE (derived from the „memBRANE”, with meaning of 3D SPACE) cosmology with **toroidal topology**, but the presentations of Vladimir B. Ginzburg are more expressive and comprehensive referring to the **pentatonic phase** of the Big Cosmic Evolutionary Cycle (1,2,3,4,5,6) [4,5], mentioning the lack of agreement between the authors of the notions introduced instead of „space”, „spacetime”, „conic sections”, „conic generator”, „apex”, „point”, especially their dimensional connections, e.g. 1D/2D string, 4D/5D bulk, etc.[6,7,8].

Analysing the **Matter-spectrum** from (2) based on

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the mean of the powers of 2, at the first approximation resulted a distribution of 100% of the first 5 Matter-kinds, the 64nionic one being a surplus of a third (1/3), but taking into consideration the total number of the real and complex components, results a more realistic distribution with a total of 5.5% of the **real-complex-quaternionic** kinds – accessible for the human sensitivity – and 44.1% of the **octonionic-sedenionic-32nionic** kinds, the **64nionic** being 50.3%. The delicate question is: since when starts the **Big Multiversal Explosion** beyond this 50.3 to 100% **dark Matter**?

On micro-cosmic level appear the **nucleonic duals**, basically the **self-dual tetrahedron**, the **cube-octahedron** and the **dodecahedron-icosahedron** (1), by the elements of every cosmic level [9], e.g. the **self-dual tetrahedron** as **Etheron-pair**, or the **Earth** as **dodecahedral-icosahedral** structure, of course each of them on the suitable cosmic level, permeating the Tachionic-Noethic-Etheric-Physical-Astral-Universal-Multiversal evolutionary levels in conformity with the similar pattern, starting with the **Etheron** created from the **Light** and ending with the element nr. 558, with **Bionic** insertions [10].

2. Description

The **Breit-Wheeler process** published in 1934 [11] refers to the **Matter-creation from the Light**. Its rediscovery after 90 years in the context of the proposed new scientific branch **ETHERONICS** explains very clear the transition from the dual **Photon-pair created by the ELBU** (Elementary Light-bubble Unity) to the dual **Etheron**, start of the chemical element-series on each cosmic level. However John Archibald **Wheeler** anticipated other details within the **Matter-creation process** too, known as **dark Matter** and **Wormhole** [12,13,14], but without a systemic-evolutionary conception. In conformity with this classical physical conception the **black hole** is an astronomical object created by the possible collapse of a star, limited/ boarded by a surface, „event horizon”, inside which the gravific field is so hard, that nothing can escape from its interior, nore the electro-magnetic radiation e.g. the light, so this is invisible, such it's a „black hole”, with a singularity inside. Within the **ETHERONIC THEORY** – in their complex entirety – the **Wheeler black holes** are **Dandelin-spheres of which event horizon the spherical surface is, with dark light-particles/gravitons and first etheronic products inside** (free pozitrons, gluons, quarks, bions, hydrogen and helium), respectively with the **singularity in their centre, connected through**

the wormholes to the exterior white holes on the spherical surface, situated in the planar elliptic focuses, respectively along the Dandelin-circles. Each Big Cosmic Octavic Level has its proper **black hole, wormholes, white holes and singularities**, but differentiated in conformity with their interior structure (7,8,9,10,11): **mono-** or **polynuclear**, respectively **central** or **acentral** (with synergetic effect). Similarly to the pentatonic and octavic cosmic levels' logistic-hyperbolastic evolution (10), the **black holes system of the octavic levels** follows a differentiated way, with the **start/Tachionic – inflexion/Physical – end/Multiversal** central black hole phases, in between with the acentral **rising cycle Noethic and Etheric**, respectively **falling** acentral **Astral and Universal** black hole phases (11). The **Tachionic**, **Noethic** [15] and **Etheric** black holes are **mono-, bi-,** respectively **tri-nuclear** structured, in **planar** arrangement. The **Physical black hole** is composed by **4 super-cluster systems** – Milky-way, Andromeda, Triangulum and Great Attractor – in **tetrahedral/quaternionic** arrangement (like the **Etheron** itself!), with the Great Attractor in the higher astral level direction. The **Astral black hole** is composed by **5 hyper-cluster systems** in **ditetrahedral/biquaternionic** arrangement, like 2 tetrahedra joint face-to-face. The **Universal black hole** is composed by **8 hyper-cluster systems**, in **hexahedral/cubic** arrangement. The **Multiversal black hole** is composed by **13 hyper-clusters** in **dodecahedral-central** arrangement with **Our Central Universe and 12 surrounding Universes** [16], of which terrestrial projections are the 12 zodiacal signes. In this way, the black holes system of the cosmic octavic evolutionary system is granulated structured, starting with the Tachionic black hole pair of the quaternionic-tetrahedral Etheronic structured element-series as basic unity, resulting $558+12=570$ elements/cosmic level.

The **black holes system** of the Omniverse – of which cosmic levels are designated usually with the generic term „universe” – is inseparable component of the general cosmic evolution, of course each with its **white holes, wormholes, singularities** inside their centres, functioning as a whole system. Similarly to the global **logistic-hyperbolastic evolution of the Omniverse** between two **Big Explosions** of a Cosmic Cycle (10), with a **Big Implosion in the Inflexion-point/transition from the Pentatonic/Light phase to the Octavic/Material phase – the start of the Matter-ceation** – takes place the cosmic evolution of the **Material/Octavic phase itself** (11). Consequently, the Material Evolution starts with an **IMPLOSION** on cosmic scale, by no means with an

EXPLOSION (7), and will continue/end **not quite** with „eternal” **inflation**, but with the **EXPLOSION of the Multiverse!** In this context, the **Black Holes/Dandelin-spheres** of the successive Big Cosmic Octavic Levels follow a similar logistic-hyperbolic evolutionary way [17], starting with the **Tachionic** one, inflexion-point within the **Physical** one, and ending with the **Multiversal Black Hole (9,11)**. The evolution of the **black hole itself** is correlated with its interior mono- or polynuclear structure, with differentiated correlations between the singularity centers and event horizons, thus within the element-creations, respectively within the recoil through the wormholes, as start of the **turning inside out** of the **SPACETIME**, the **SPACE** and **TIME** being „only” its both inverting faces at the **IMPLOSION**. The **quantum-entanglement/EPR paradox** [18] means really the question of unchanging within this turning inside out of the Spacetime, with the possibility along the **conic generator** or the **bionic axis**.

The **nucleonic duals** (1) appear not only on micro-cosmic level (8), but on macro-cosmic one too, e.g. within the **EARTH** (and another planets) structure (12). What we consider a **PLANETARY GRID**, really is a **fractal dodeca-icosahedral monocentral spherical shaped planetary structure** (12). However, first of all inside this sphere surrounds a **self-dual tetrahedron** with every one peak on the terrestrial North- and South Poles, and the another every 3 peaks on the parallels of 19.5° South, respectively North, and it's in-built the **cube-octahedron** too, the 4 cardinal points on the Equator and the 2 Poles, respectively the 4+4 cubic peaks on both 45° parallels, moreover the **Hartmann-grid**. It exists a so-called virus-model too, a pentagonal-hexagonal grid, more exactly with hexagons/hexons inserted between the pentagons/pentons of a dodecahedron, called Buckminster Fulleren/Buckiball [9,16]. The most known dodecahedral-icosahedral **Planetary grid** under Becker-Hagens names was discovered initial by Makarov and Morozov in the context of the Splitting Circles Research, really being the superposition of the pentagonal system of the dodecahedron and triangular system of the terrestrial central tetrahedral surface in icosahedral arrangement (12), with pentagonal and triangular peaks and the intersection points of both kind sides, totally 62 points within the published variant, but omitting 5+5 intersection points near the North- and South Poles. Otherwise this energy-knots form the dark- and lightwheele chakra-system of the Earth, with geophysical and economic implications, in form of markers of the splitting lines of the tectonic plates and of the rare natural resources [19].

3. Conclusion

From the cosmic model based on the **NEW ETHERONIC THEORY** result the following conclusions and basic ideas.

Our actual worldview and view of life is guided by the secular **Theory of Relativity of Einstein**, followed by the **Big Bang** and **Eternal Inflation** theories, with theirs numerous completion attempts, the last one being Karl Linde's **Chaotic Inflation**, Nucleosynthesis, String, Brane, and only in the last decades the **Black-worm-white-holes** theories, contrary to their discovery by Schwarzschild in 1916 and rediscovery by Wheeler in 1967, followed by many interpretation/explanation attempts.

The main questions of all these theories are the **Space-Time** and **Light-Matter** strongly correlated **dualities**, but it's very important their treatment within a unified appropriate cosmic model/frame, like the **Conic-toroidal Cosmic Evolutionary Model (2,3)** within the **Toroidal-Spherical Cosmic Evolution (1)**, inside which is possible the cyclic alternation of the **LIGHT** and **MATTER** evolutionary phases, expressed in **Dynamic Dual (4)**, **Vorticial (5)** and **Matricial (6)** form.

However, the **SPACE** and **TIME**, both being only „fuzzy” faces of the „fuzzy” **SPACETIME** (like a sheepskin), the main question is its inversibility/turning inside out, namely their interchangeability meanwhile the **implosion** and **explosion** between the **LIGHT** and **MATTER** evolutionary phases (7,10), guided by the Mössbauer-like tunnel-effect inside the Dandelin-spheres/Schwarzschild-Wheeler **black holes system**, evolving in strong correlation within the **Big Cosmic Cycle (9,10,11)**.

Contrary to the confusions created by the generalization and abstractization/obfuscation attempts, this cosmic evolutionary model try to present comprehensive and exhaustive, but first of all intelligible, the basic questions referring to our cosmic surroundings on micro- and macro-levels alike.

Approximately this is the very brief sketch of the so-called „**Grand Unification**” that much desired/dreamed by Einstein and others, notwithstanding not within the **Theory of Relativity**, but inside the **NEW ETHERONIC THEORY**.

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5. Figures and Tables

- (1) – Toroidal-spherical Cosmic Evolution
- (2) – Conic-toroidal Cosmic Evolutionary Model
- (3) – Detailing of the Conic-toroidal Cosmic Evolution
- (4) – Detailing of the Pentatonic and Octavic Cosmic Levels
- (5) – Vorticial Pentatonic-octavic Evolutionary Model
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- (8) – Detailing of the Physical and Astral Cosmic Levels
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- (11) – Logistic-hyperbolastic Evolution of the Black Holes
- (12) – Fractal Dodeca-icosahedral Planetary Structure

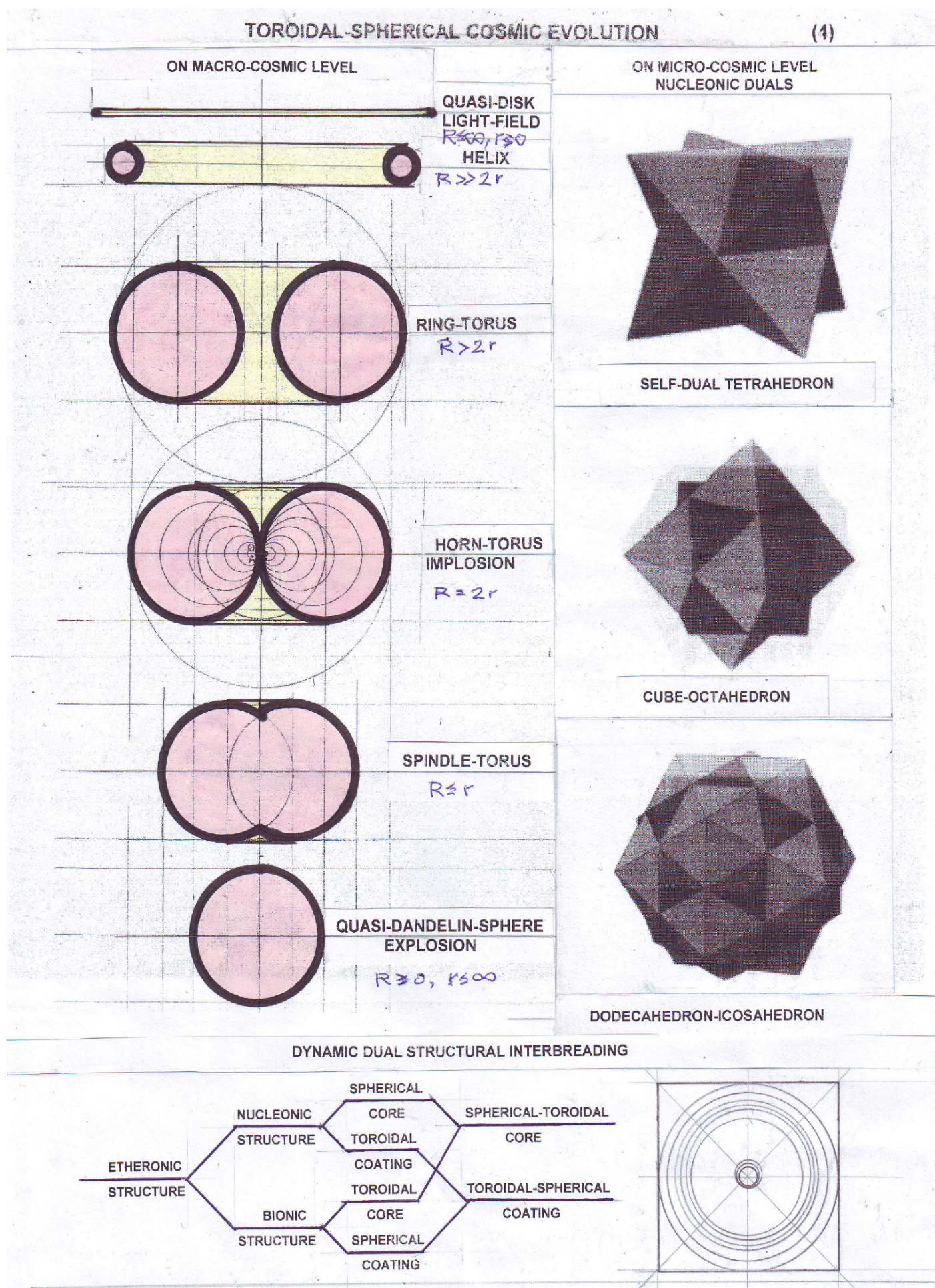
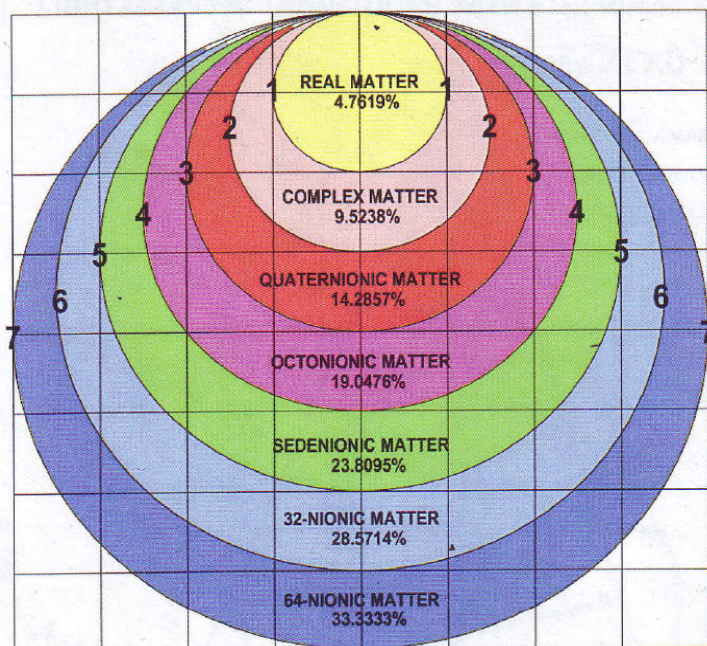
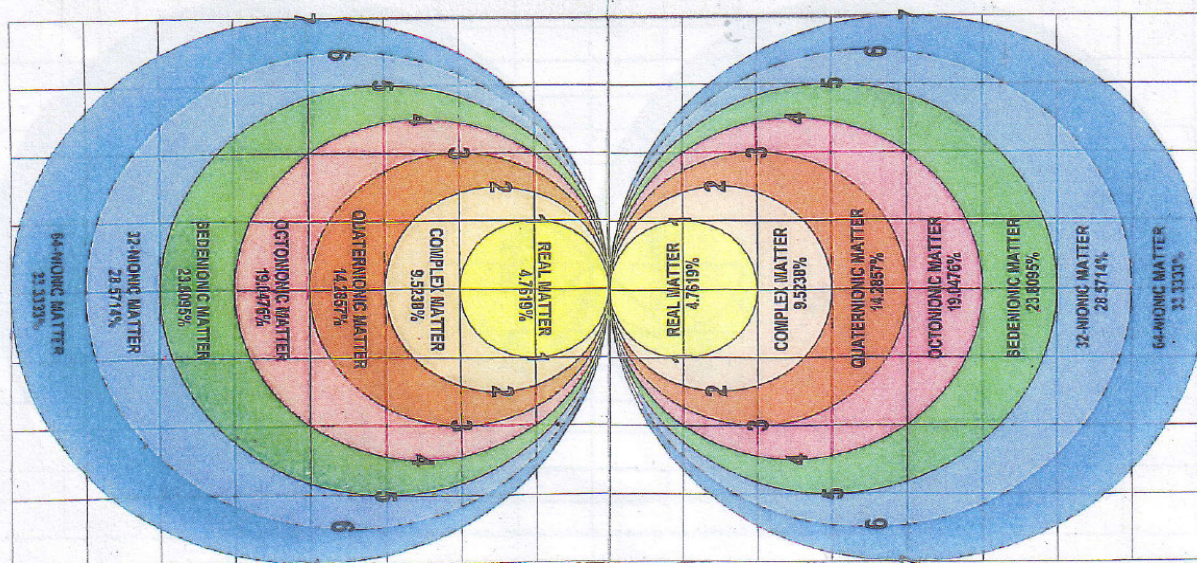


Figure (01). Toroidal-spherical Cosmic Evolution

CONIC-TOROIDAL COSMIC EVOLUTIONARY MODEL

(2)



2^n =N	MATTER KIND	COMPLEX MEAN	ORDER COMPL.MEAN	MATTER %
2^0 =1	REAL	1/21	1/21	4.7619
2^1 =2	COMPLEX	1/10.5	2/21	9.5238
2^2 =4	QUATER- NIONIC	1/7	3/21	14.2857
2^3 =8	OCTO- NIONIC	1/5.25	4/21	19.0476
2^4 =16	SEDE- NIONIC	1/4.2	5/21	23.8095
2^5 =32	32- NIONIC	1/3.5	6/21	28.5714
2^6 =64	64- NIONIC	1/3	7/21	33.3333

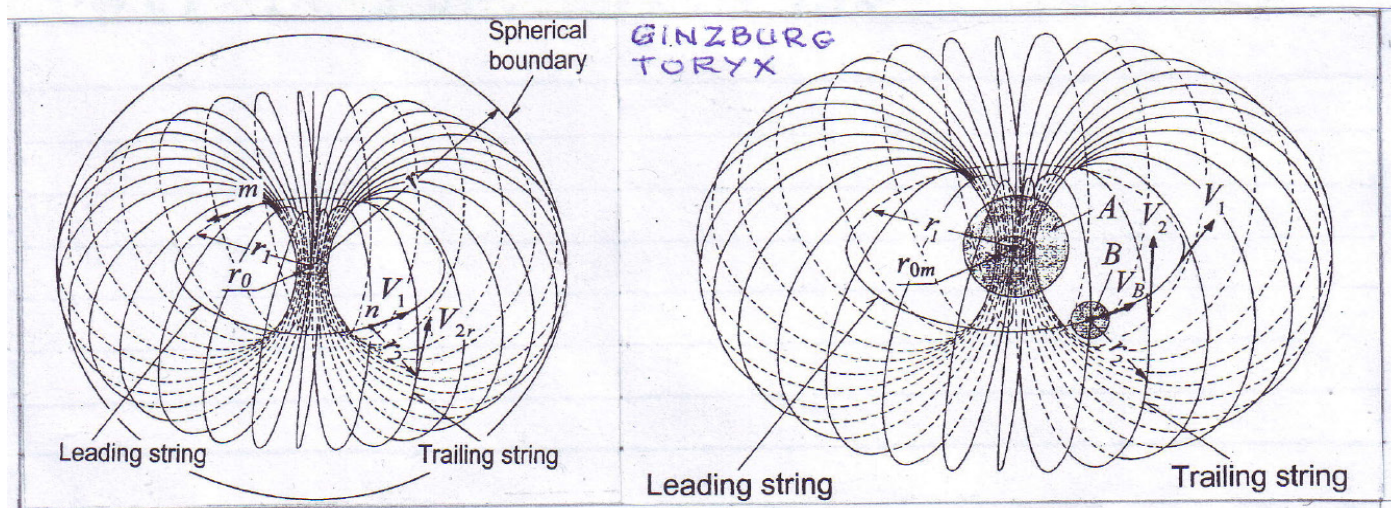


Figure (02). Conic-toroidal Cosmic Evolutionary Model

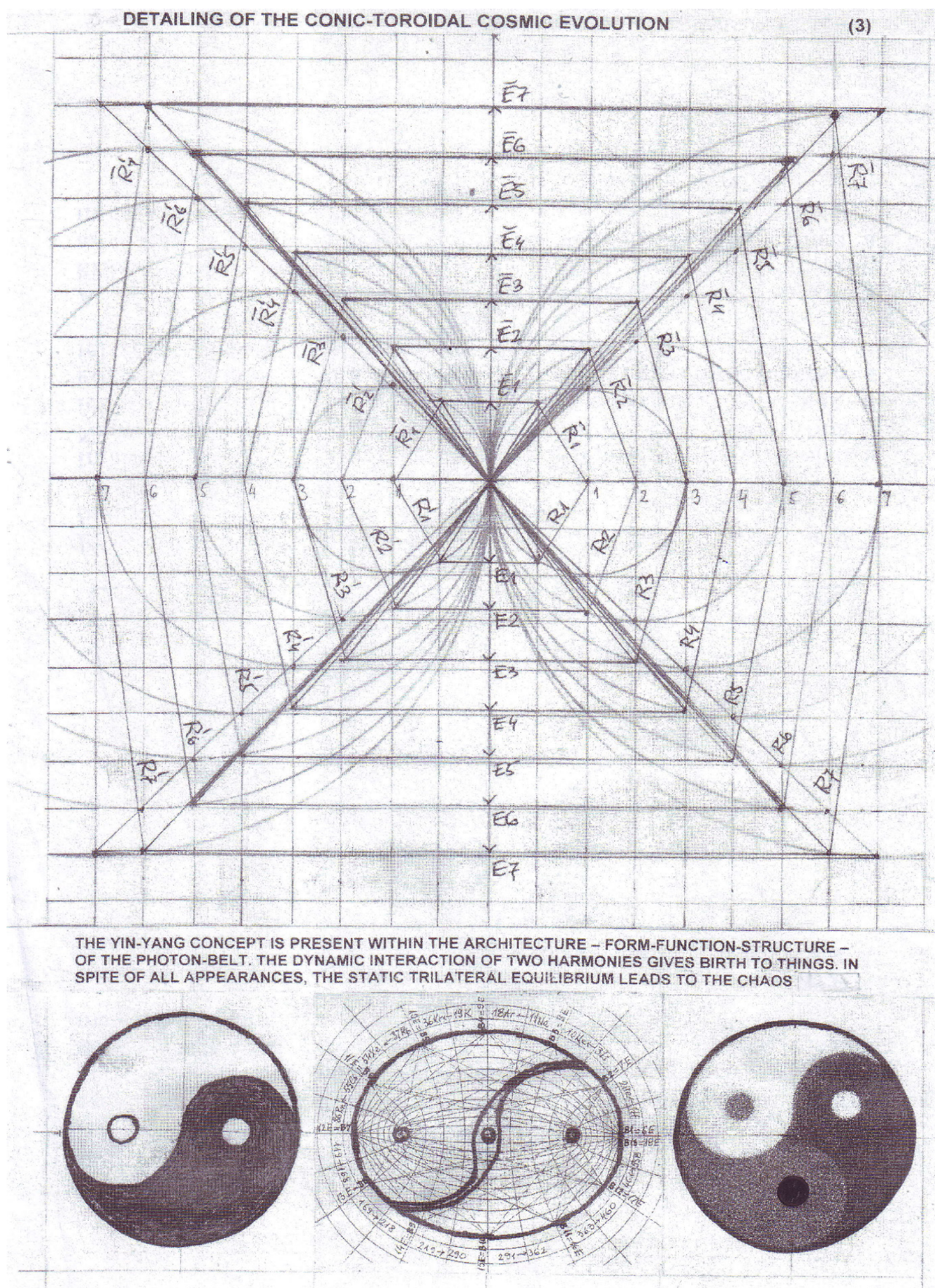


Figure (03). Detailing of the Conic-toroidal Cosmic Evolution

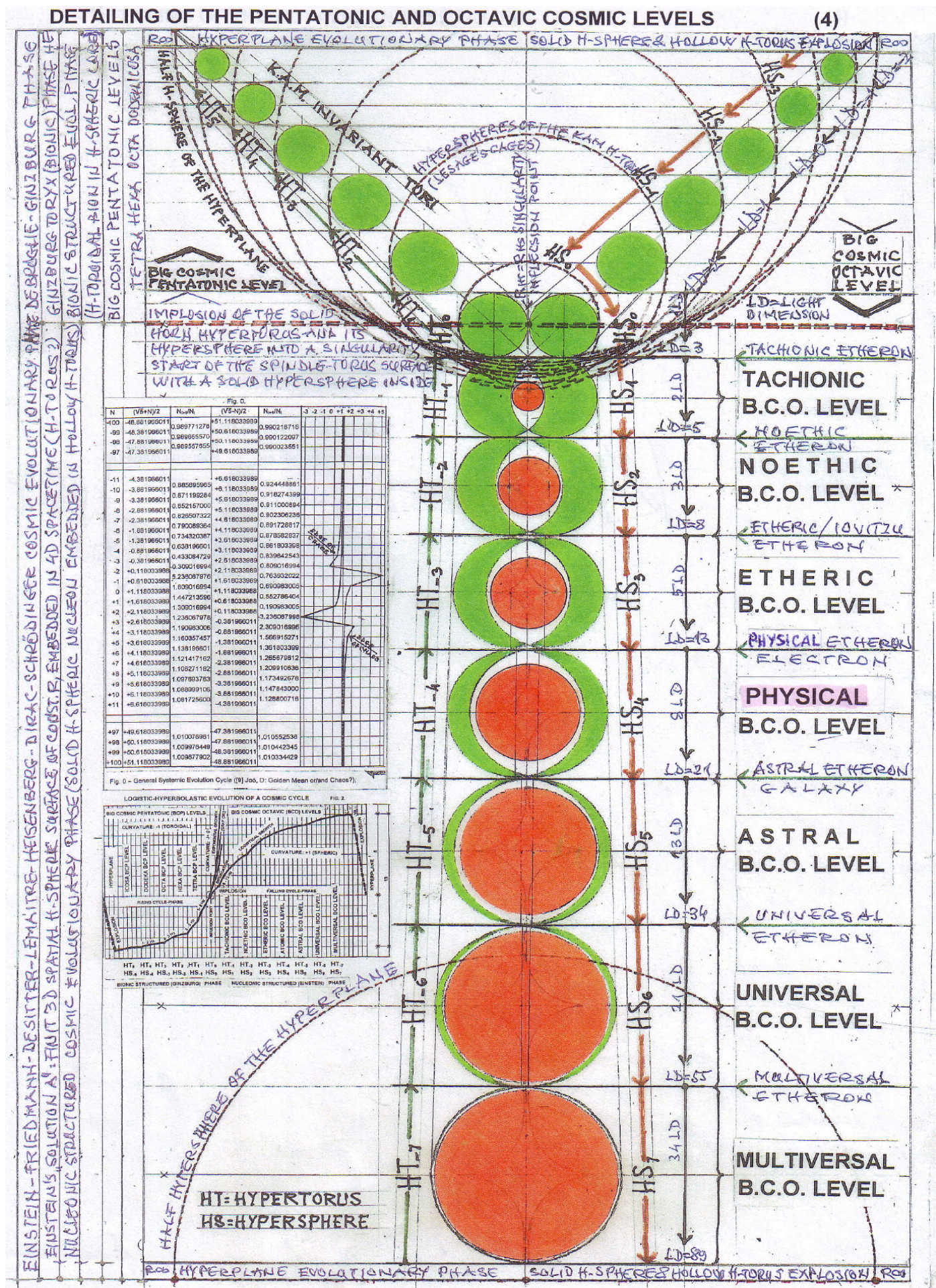
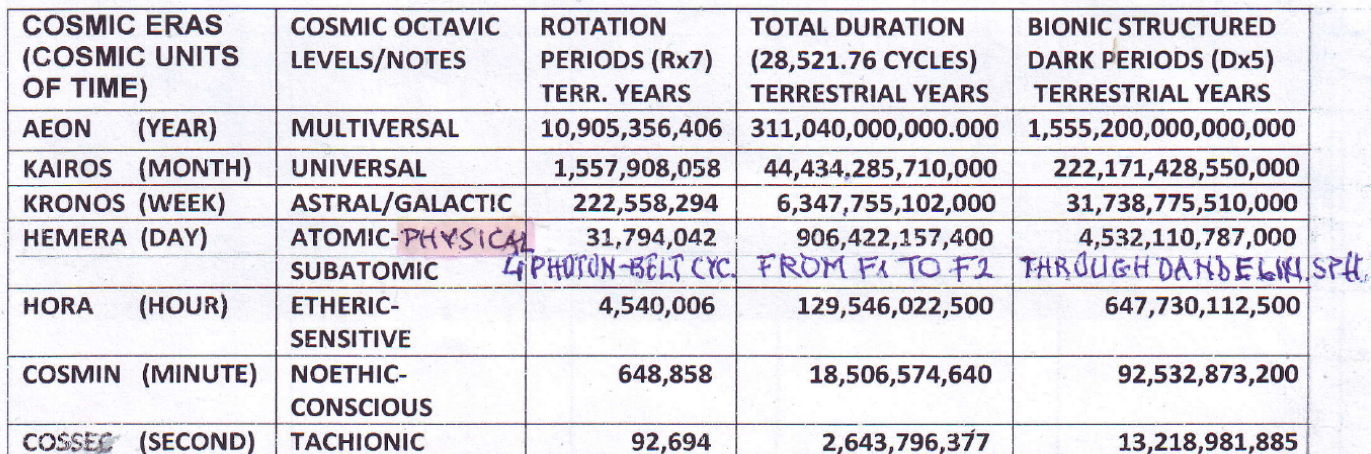


Figure (04). Detailing of the Pentatonic and Octavic Cosmic Levels

Figure (05). *Vorticial Pentatonic-octavac Evolutionary Model*

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MATRICAL QUATERNIONIC COSMIC EVOLUTIONARY MODEL

(6)

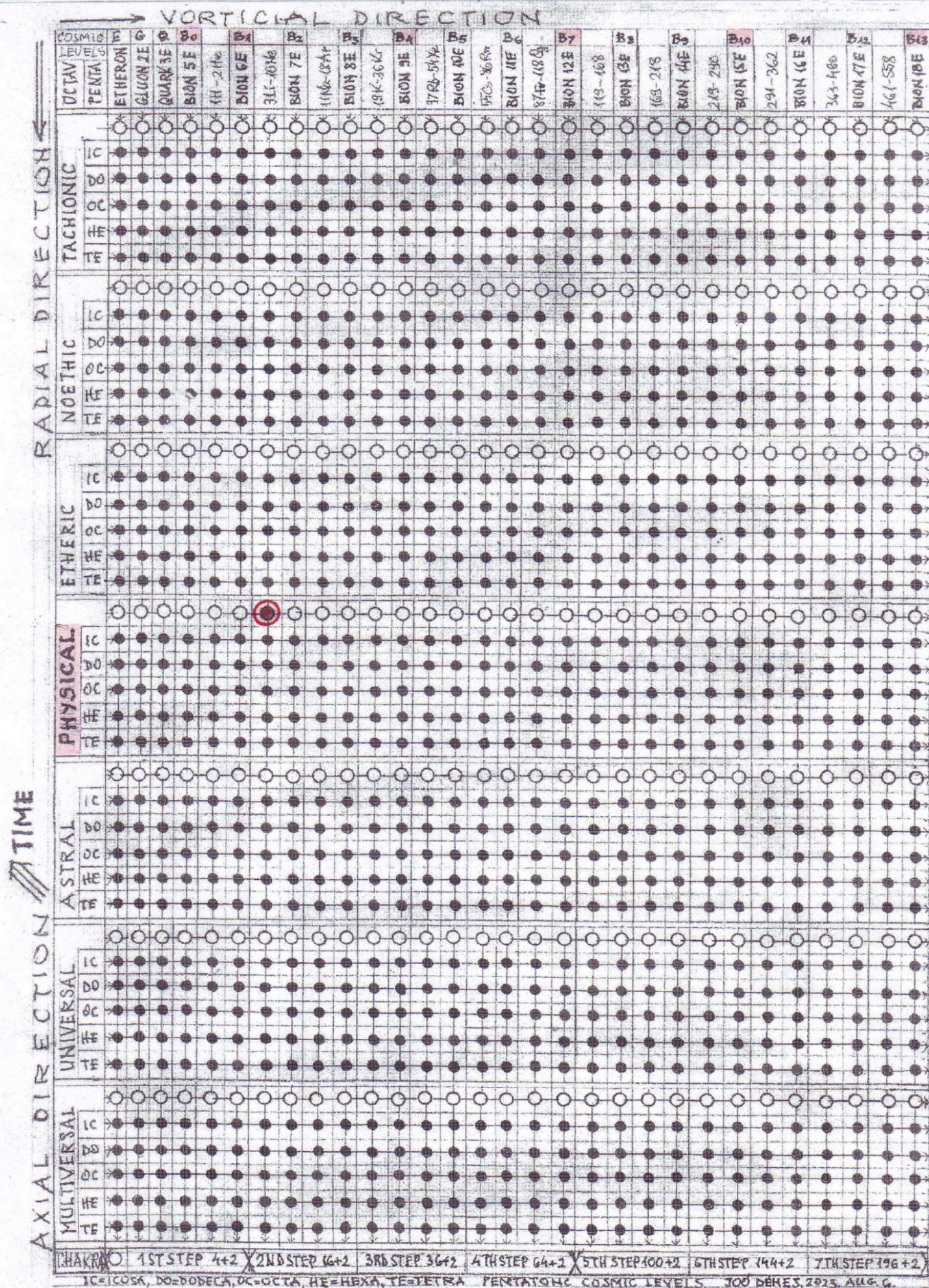


Figure (06). Matricial Quaternionic Cosmic Evolutionary Model

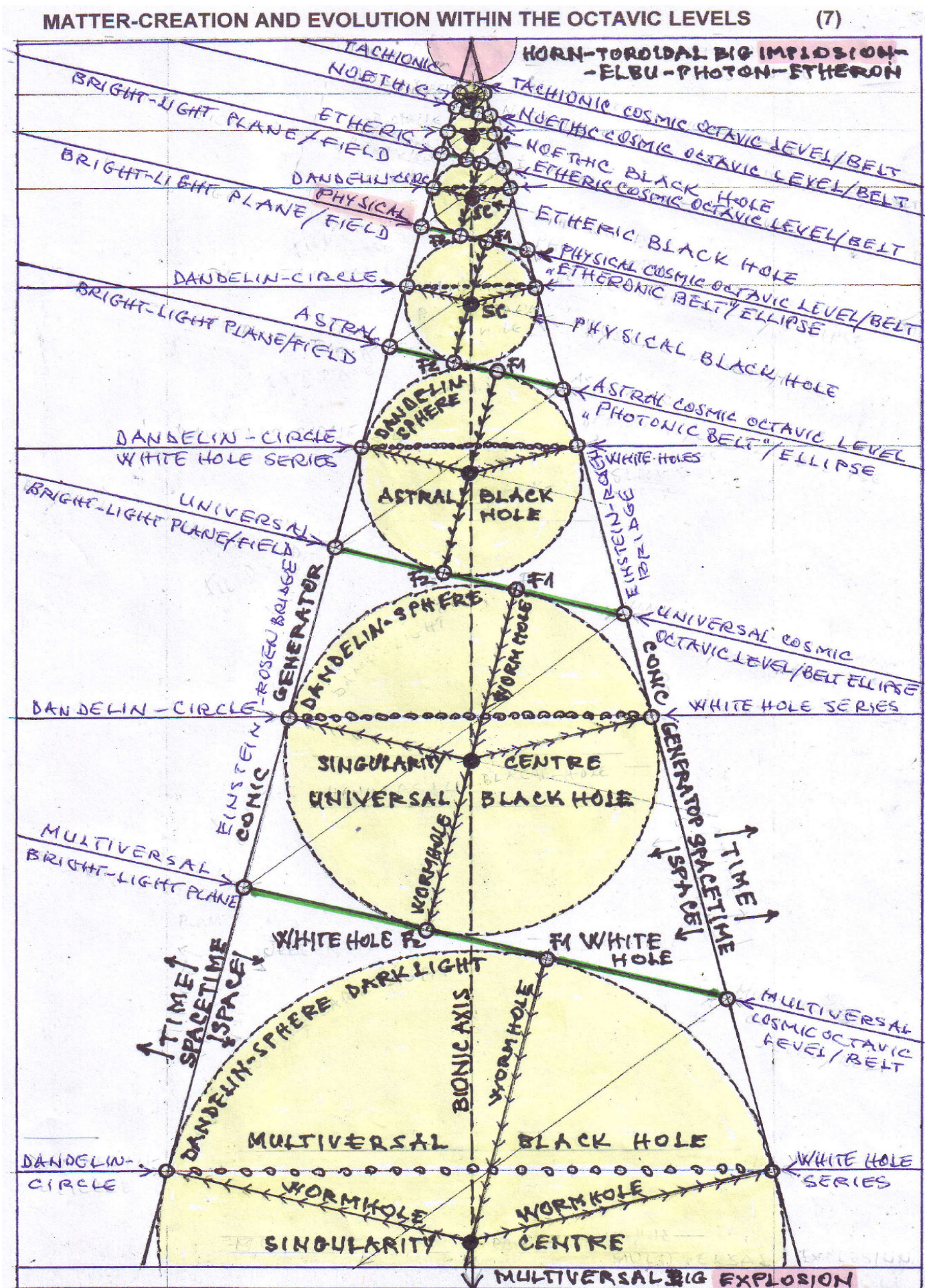


Figure (07). *Matter-creation and Evolution within the Octavic Levels*

DETAILING OF THE PHYSICAL AND ASTRAL COSMIC LEVELS

(8)

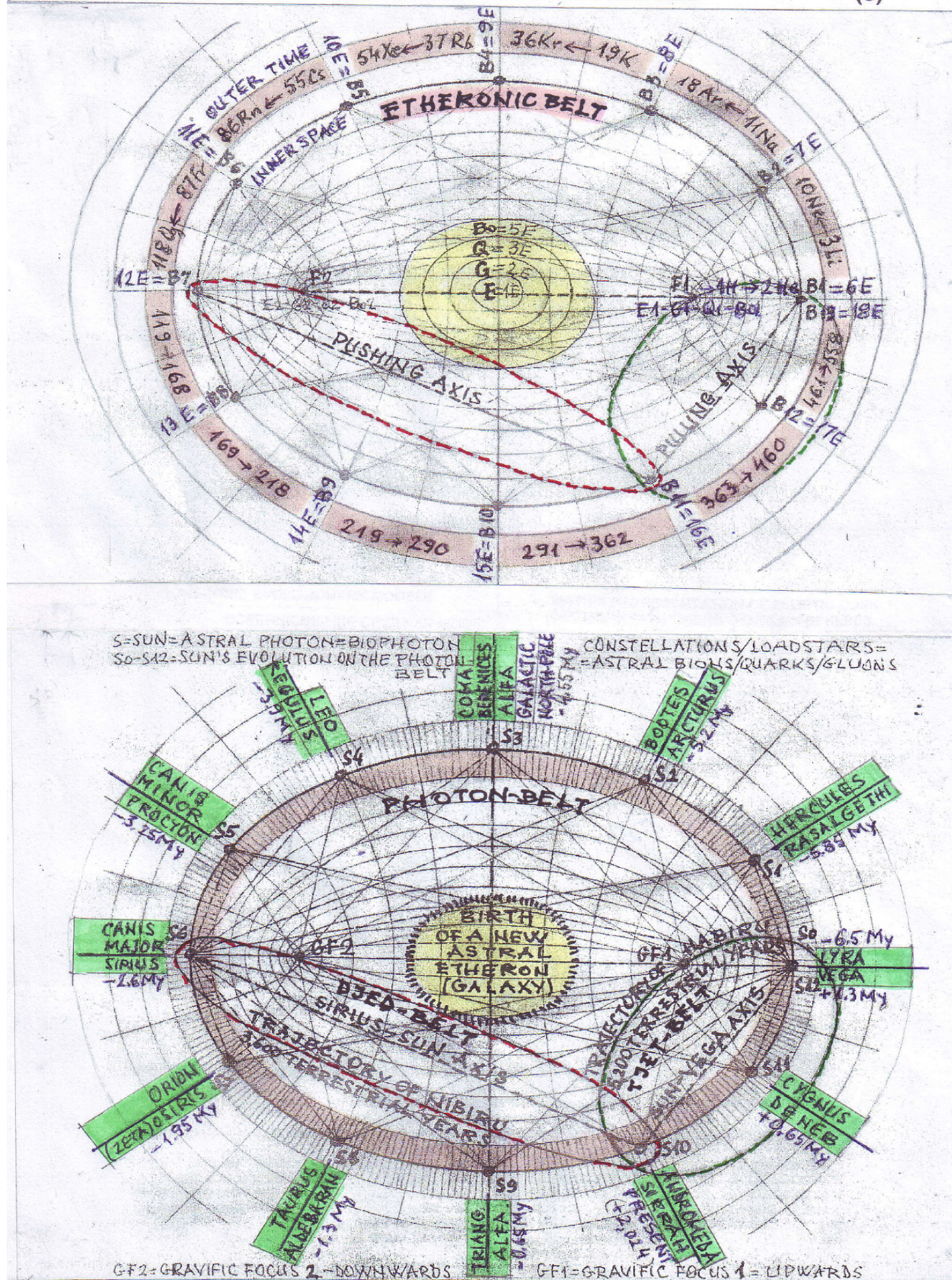


Figure (08). Detailing of the Physical and Astral Cosmic Levels

DETAILING OF THE DANDELIN-SPHERES' MECHANISM

(9)

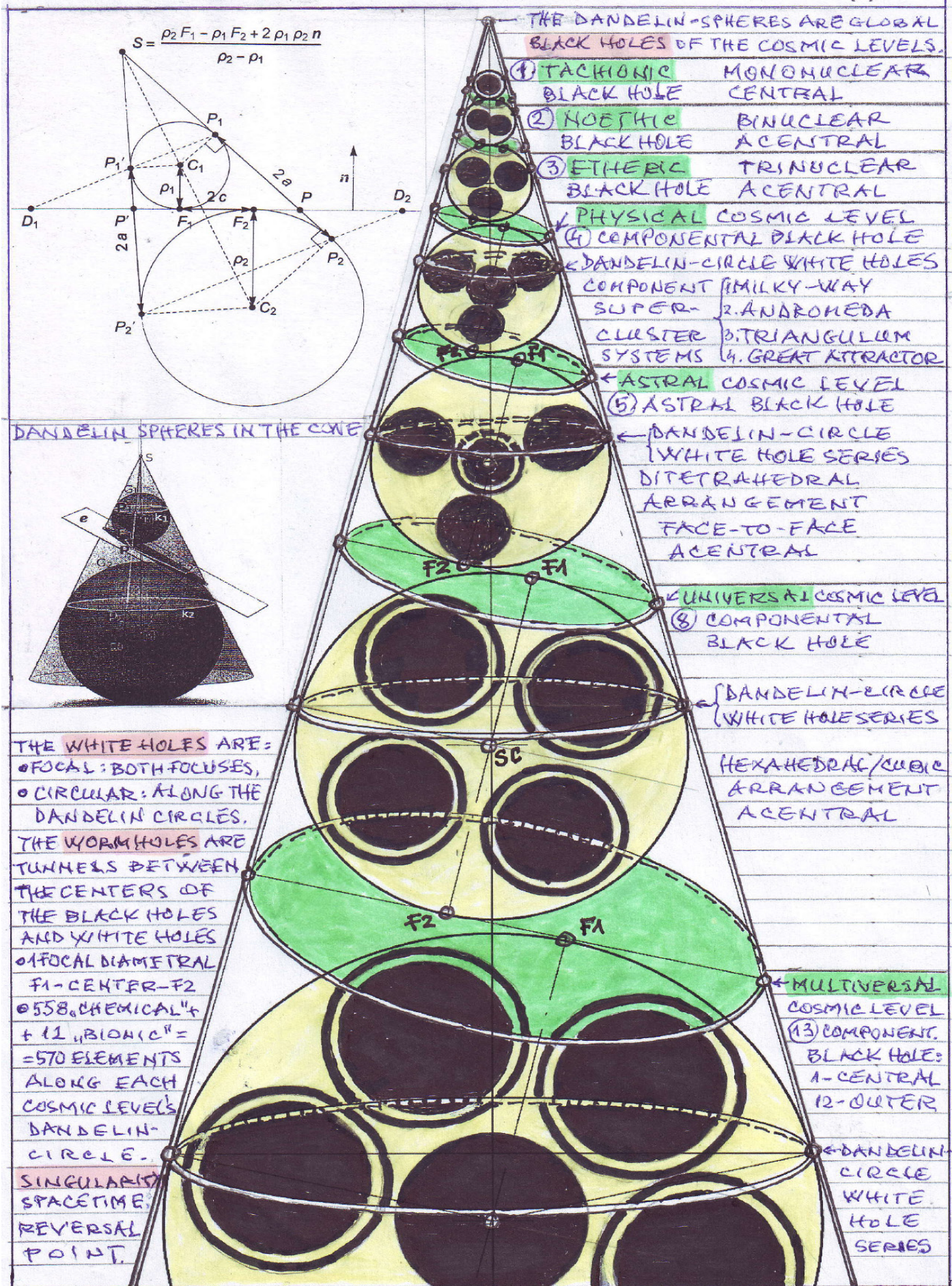


Figure (09). Detailing of the Dandelin-spheres' Mechanism

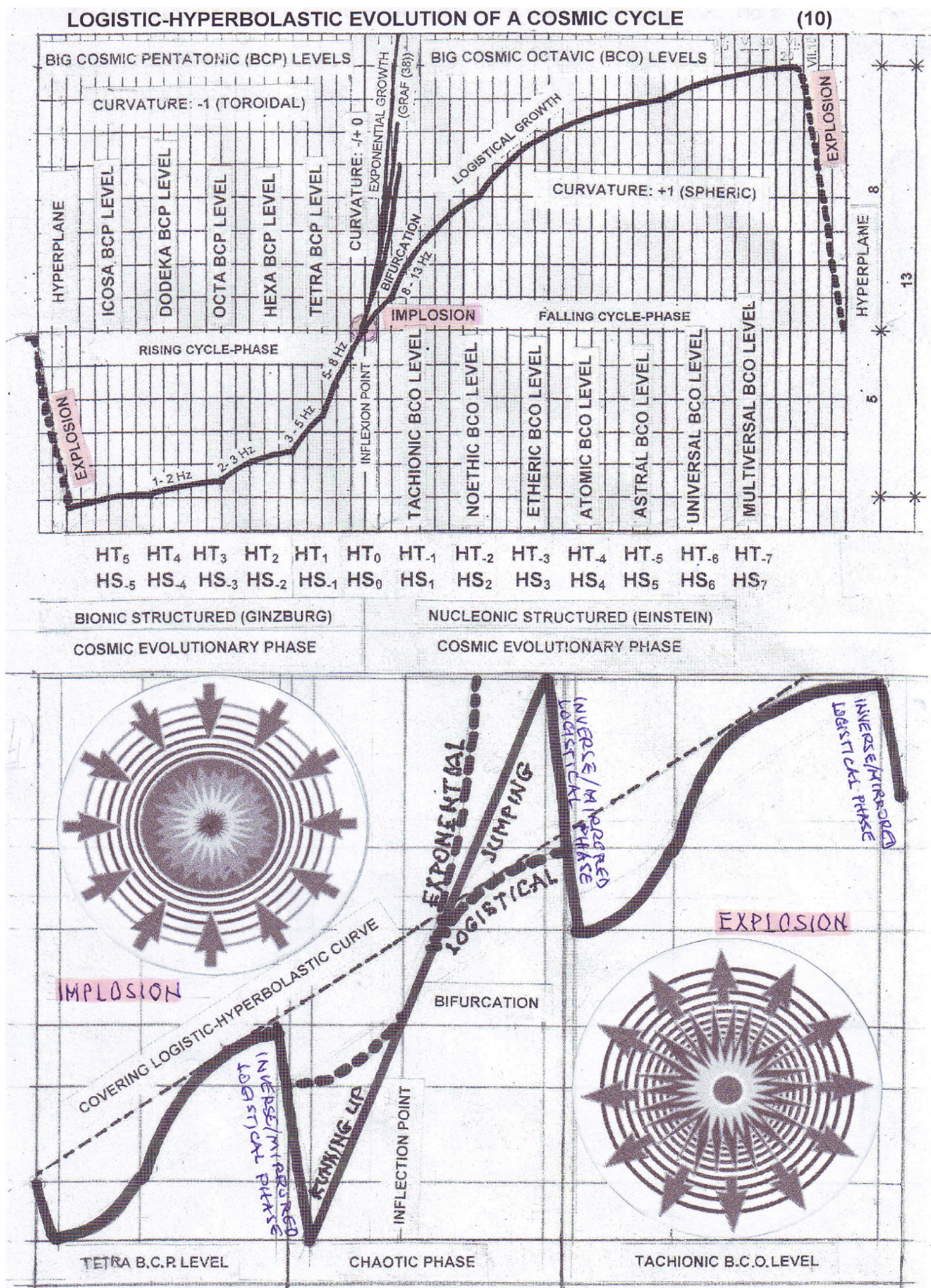


Figure (10). Logistic-hyperbolic Evolution of a Cosmic Cycle

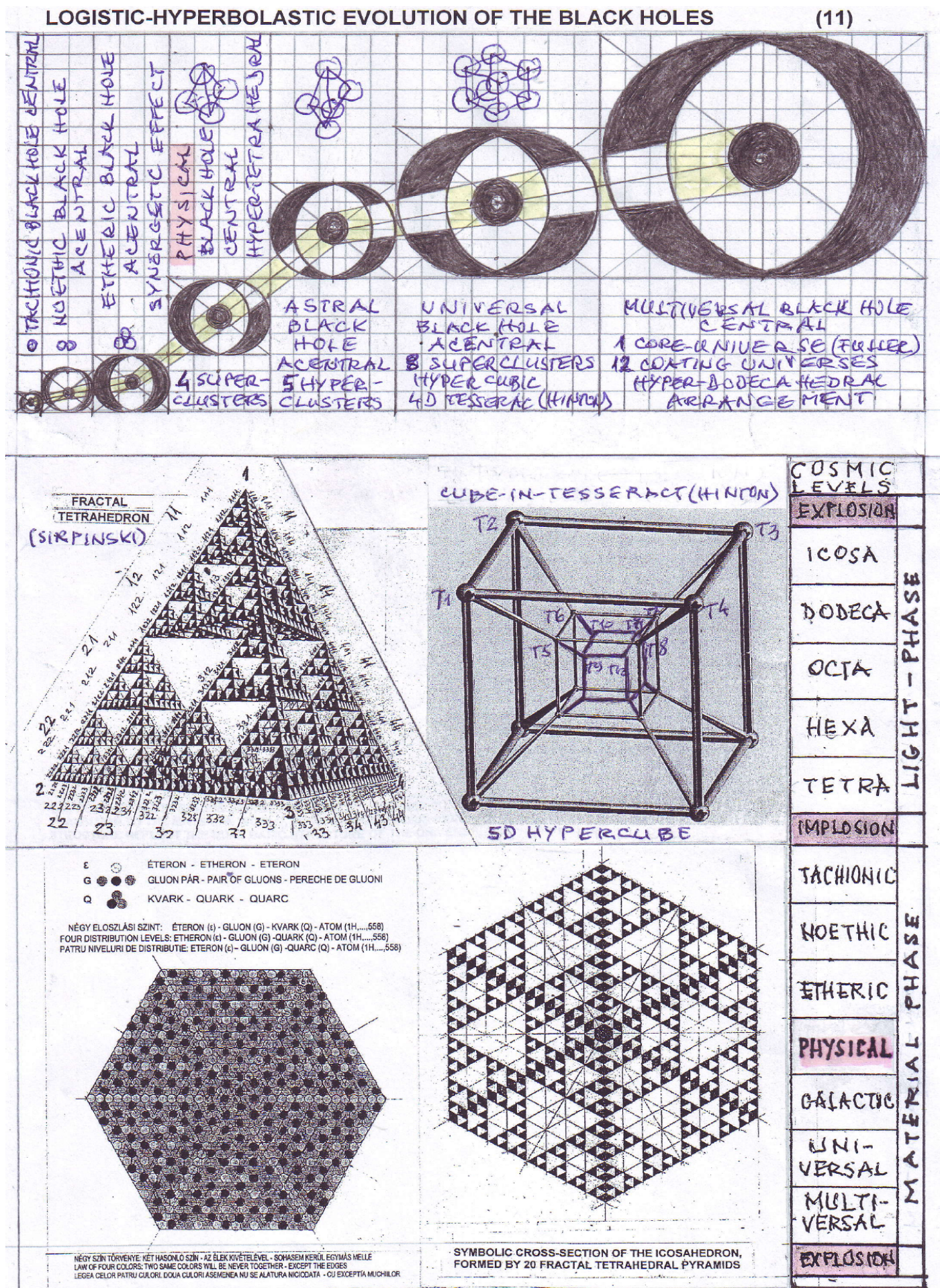
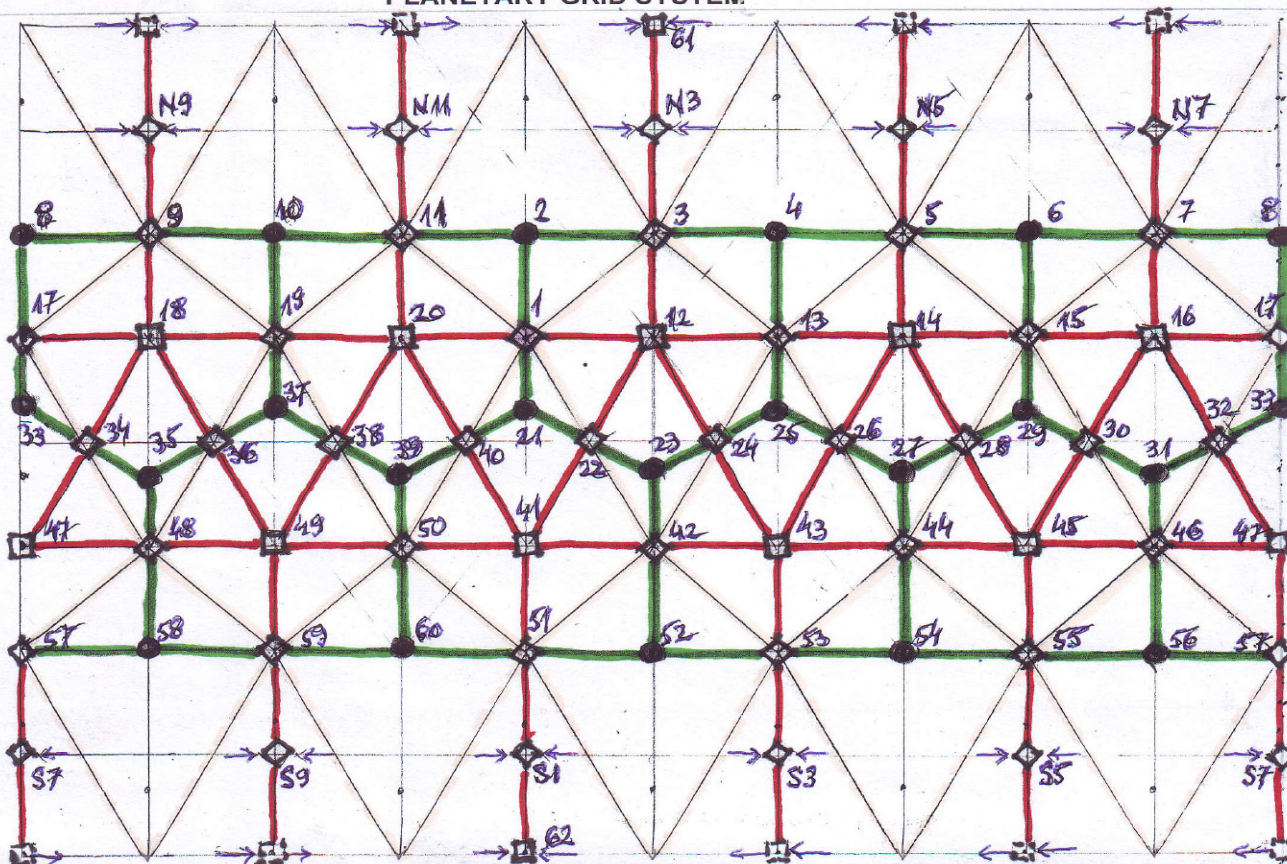


Figure (11). Logistic-hyperbolic Evolution of the Black Holes

FRACTAL DODECA-ICOSAHEDRAL PLANETARY STRUCTURE

(12)

MAKAROV-MOROZOV (1965) – BIRD (1975) – BECKER-HAGENS (1983) – JOO (2025)
PLANETARY GRID SYSTEM

THE LIGHTWHEEL/DARKWHEEL CHAKRA-SYSTEM OF THE EARTH

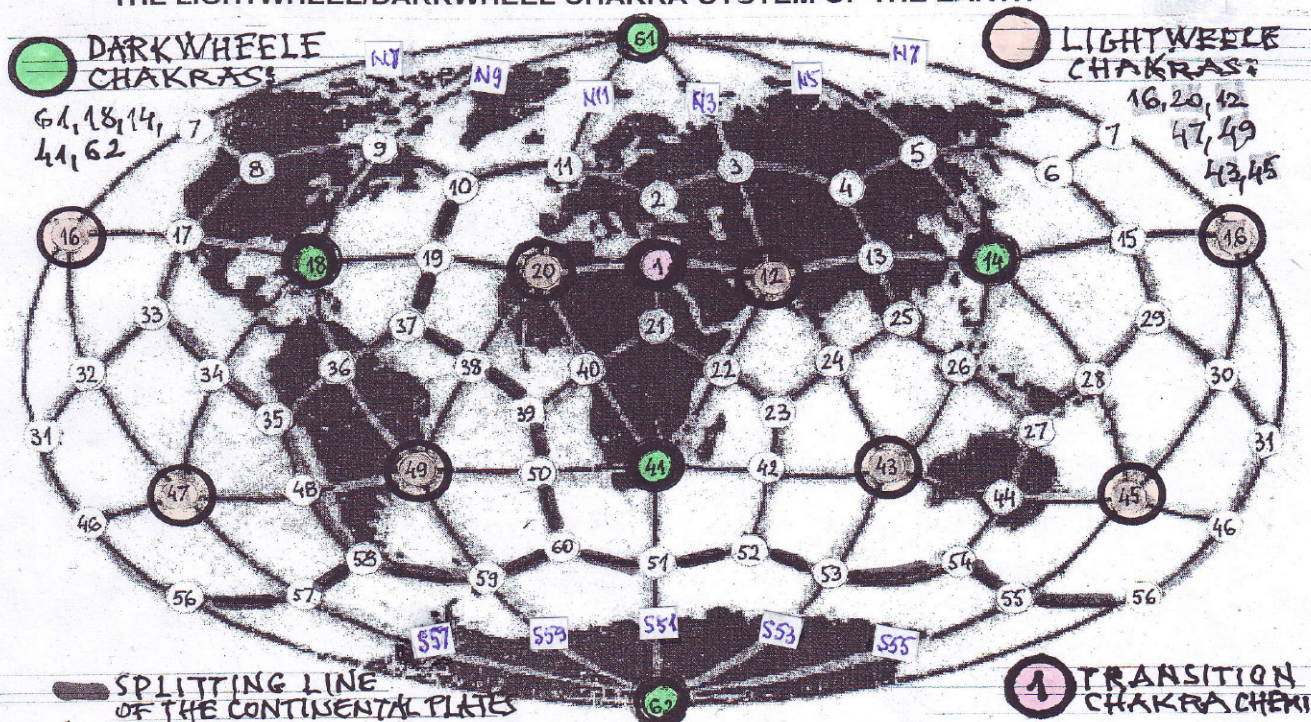


Figure (12). Fractal Dodeca-icosahedral Planetary Structure

6. Confirmation

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