



































































and there are only two possible ways: either disposal - gradual disintegration of yet not optimally structured potential (zone of 1 PFC), or instantaneous self-regulation through intersystem resonance provoking interstructural "crystallization" (fractalization) by type of existing structural framework, which in that sense is the program "seeding" of the process of gradual (quantum) improvement of the structural composition of the object.

Structural degradation is carried out by the same way. In the first case, there is absorption of energy from the environment with decrease in temperature of the object and the environment and in the second - on the contrary, the temperature rises due to release of previously structurally connected potential.

Therefore, deployment of hyperquantum space prototype into the mega-Universe, having an electromagnetic nature, provokes a change in temperature mode of environment from absolute zero to infinity, creating objects such as stars, which surface temperature is extremely high. A step-by-step approach of this materialization process of the basic foundation is initially predetermined by the primary basic foundation, derivatively transforming itself in space and time of the dynamic mega-Universe.

Thus, only an integrated hypersphere resulting from tending to infinity fractal quantum "chain" of basic prototypes, fixing a super-high program-correlated potential represents a Universal hyperquantum basis, enclosing an infinite number of program and information potential, in spite of tending to zero "local dimension" of its single-phase center - the "zero point". All other countless structural formations of mega-Universe which do not belong to this function, even in presence of the outer envelope, similar to a wave front closed in the form of sphere, have no properties inherent to quantum nature of the universal hypersphere, which is a completely neutral, accordingly fractally structured supercoherent, indestructible hyperspace object with infinitely high information density.

It should be noted that in occurrence of irrational derivatives, ie, derivatives having irrational structural geometry, even minimal discrepancies automatically arising from multiple projection duplication of quantum base of hyperspace in megaspace of the Universe lead to gradual distortion of synchronized symmetry of the next structural formations in the zone of matter synthesis of 1 PFC with loss of a universal factor and emergence of error trends, at a certain stage abruptly transforming reference cavities of the planetary control field (2-4 PFC) into a more primitive spiral-helix organization of space having electromagnetic nature.

Simultaneity of resonance fractalization of any type, both in terms of improving the structural quality of the object, and vice versa, its degradation, suggests the presence of the



quantization phenomenon, that is a step change in the program-structured potential, that, first of all, determines potential minimum necessary for the transformation for each fractal pattern, which in turn is a measure of electromagnetic space infrastructural entropy, enough for transition of a fractally-organized field structure to another (higher or lower) level of proper quality. Thus, coherent conversion of any type is a process of quantum development (or degradation) where Planck's and Boltzmann constants are adequately expressed.

In an absolutely correlated (coherent) electromagnetic system fractalization is carried out instantaneously over all vectors of dynamic interactions due to superconductivity of any element of the system. However, due to the fact that there is more inertial dynamics of sequential deployment and consequently, the potential difference (center-periphery), there is a concept of cycles and time period. It arises as a result of mismatches of structural components of spiral-helix linear-dynamic functions.

Cyclicity, perhaps, manifests in the quantum space as well, since a set of critical potential for a quantum leap requires time interval, but it is also a discrete time. Emergence of a potential difference between phase centers determines emergence of a line resistance, and hence the final rate of a "signal" spread. This phenomenon determines manifestation of the continuous time. The potential difference means its scattering in space with increase in the total entropy of the system.

From the perspective of a universal superconductivity of the hyperspace quantum system of interconnections, time, as a derivative of the speed of interactions, does not exist. As a result, the quantum hyperbase of the megaspace is superstable after 1 PFC, field geophysical envelopes in the planetary zone of electromagnetic environment are gradually modified to form a set of Universal control field - 2-8 PFC. The reasons for this structure are natural for a dynamical system of planetary space, the core of which is a completely coherent hyperquantum converter (8-16 HFC), all interaction vectors of which are directed to center. Up to a certain level (1 PFC), a system of planetary geophysical fields (2-8 PFC) operates as two-phase (periphery-center, center-periphery), and then, in quantum zone of fixation of 2-8 QFC able, however, to release in 1 QFC area their projection copies as a result of a directionally formed counter resonance - as a single-phase (periphery-center) system. The following 9-16 and further Hyperquantum converters represent especially single-phase system - "remote server", global software library, which is planetary, stellar, galactic etc. Information constant.

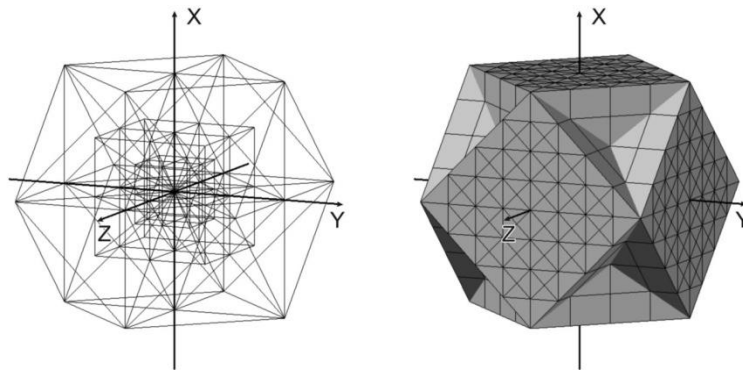
It becomes extremely difficult to satisfy the condition of stability of the system without the use of 'control field' 2-4 QFC for the structure, assembled from "flat" wave fronts (1 PFC) having at least one common point for all components (phase). Initially, orientation of the system of flat field raster grids requires introduction of simplest correlation of polarization vectors and their magnetic and electric



components by introducing a completely adequate counter function formulating a perpendicular three-dimensionality in the form of orthogonal coordinate system. Otherwise, the structure helimerizes in haphazard bunch, prone to self-destruction as a result of intrastructural out-of-phasesness.

Thus, in each of the available wave fronts, 1 PFC - basis of program-oriented pattern of synthesis of any matter - will represent three mutually perpendicular parallel, structurally shaped topological planes, differentiating and correlating polarization vectors of electric and magnetic components of the wave flow. In other words, a corresponding multi-dimensional, from a perspective of general wave packet, spatial orthogonal lattice is created in the form of a three-level structure of mutually containing planes from a perspective of wave -  $\frac{1}{2}$  wave -  $\frac{1}{4}$  wave, thereby forming a spatial raster structure, which is a carrier (phase) frame for any and all counter and exchange processes having wave (electromagnetic) nature.

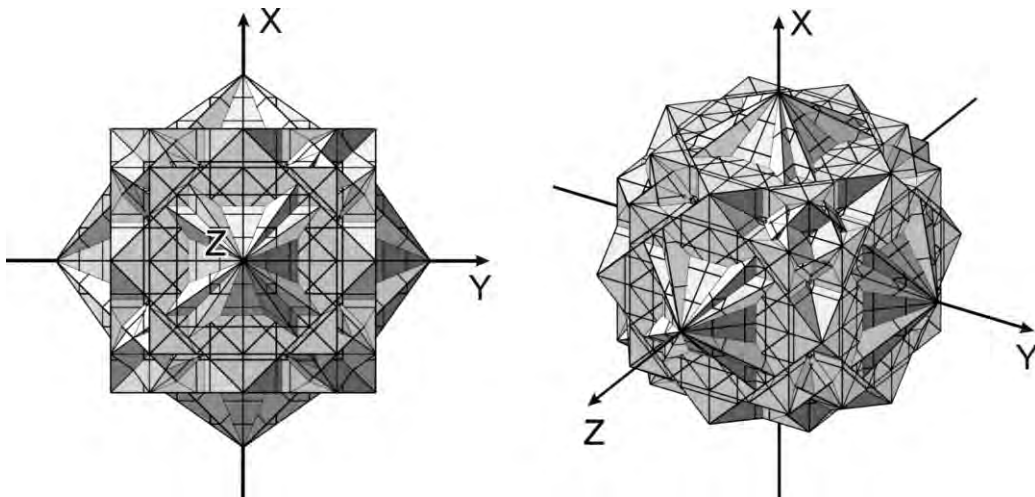
The simplest self-sufficient (coherent) fractal object having the above characteristics is a three-dimensional packet of flat raster grids (9x9), integrally forming cuboctahedron with inscribed three-level cube, consisting of mutually integrated cubic modules.



***Prototype (1st derivative of 1 PFC)***

In turn, 3rd derivative of 1 PFC is as follows.





In this case, the area of an ordered matter synthesis 1 PFC is formed, representing a system of conversion of electromagnetic geophysical fronts carrying inscribed 2 QFC pattern controlling the spatial and temporal correlation, its multiplication and synchronization pattern 3 QFC and 4 QFC inscribed in a cube octahedron lattice. Thus, the structure of universally in-phase 1 PFC in the form of packet of raster grids is formed, controlled, synchronized and managed by complex 2-3-4 QFC through a common phase center.

The tendency to counter fractalization along the main axes of the constituent cells emerging as a result of increased polarization by corner components of raster grids of 1 PFC initiates formation of chain spiral-helical projection tracks oppositely twisted relative to the system center.

Processes of potential inertial release along appropriate vectors to periphery, which arise in the packet of raster grids, initiate the wave dynamics, generating non-linear superpositions of the object. The energy starts to move from corner zones of increased polarization to more neutral zones along any and all vectors. According to the laws of physics, the moving potential starts to rotate clockwise relative to the direction of movement. Instantaneous conversion of 4th derivative into matter is a result of initial heterogeneity of its packet structure.

The most polar corner envelopes, lost contact with the base (2 QFC), form a non-linear system in which there are spiral tracks of rotating clockwise wave fronts of different dimensions. In turn, the control hypersphere (2-4 QFC) as a self-affine object, is able to stabilize the process, forming one phase center common to all component grids of 1 PFC, and to form a regular structure with reference to it, which determines position of phase centers of plurality of system entities composing the community.

Since each phase center of any crystalline domain of matter is derived projection of the corresponding hyperquantum prototype being a prototype of the structural stabilization of the planetary complex, it can be argued that these points realize the phenomenon of spontaneous redistribution of active



potential, regardless of its parameters over a range of involved frequencies of the proper background radiation of the object. The ordered phase framework initiates a system of frequency wave levels (dimensions); quantum phase centers that have arisen during the matter synthesis exist as a set of subsystems, which consistency decreases while moving away from the common maximum neutral center of the system. Since formation of centrifugal forces results to lateral acceleration and precession of a rotating object, and therefore, an expanding helical spiral of its motion trajectory, branches of helix spiral vortices should expand up to a certain limit.

The phenomenon of rotation of all objects having an electromagnetic nature in the same direction with respect to their own movement direction creates the following "paradox". When the angle between deployment vectors is 180 degrees (i.e. mutually opposite directions), these objects will rotate in diametrically opposite directions relative to the center of the system (clockwise and counter-clockwise), creating a high compensation of the system dynamic loads.

If vectors that are not on the same diameter, are characterized by differently oriented wave interactions with multiple interference and all kinds of non-linear processes, the objects in oppositely directed vectors are characterized by multidirectional rotation (spin) and are capable to compensatory neutralized (annihilated) at counter interaction, passing to a stationary, quantum form. They can interact only after passing through a kind of "circular" orbit. The concept of "antimatter" is apparently connected with this phenomenon. However, in fact, these objects simply have opposite spin, which enables them to mutually compensate as a result of contact, creating a three-dimensional lattice, and "disappear", transforming itself into a more coherent, quantum form.

Thus, we can mention the following processes: inertial expansion over a plurality of radial vectors created by a spherical directional pattern of the Universe megaspace; inertial radial expansion of a plurality of vectors; rotation of all objects in one direction, appearance of spiral cones and process balancing for any diameter by mutually opposite rotation of the respective objects.

The opposite directionality in the area of synthesis of matter (1 PFC) with respect to 1 barrier membrane (2 QFC) of the system of chain-planar spiral-helix packets (wave arrays) being deployed, is primarily associated with intrinsic compensatory dependence of any dynamically expressed wave phenomena. As mentioned above, rotation of all wave packets occurs unidirectionally with reference to a center, but within a spherical space conversion system this automatically results to the diametrically opposite, the most adequate counter function, totally balancing the process with respect to the central phase center and retaining possible structural neutrality.

Increment of frequency wave transitions will be different after occurrence of periodicity as



derivative of dynamically expressed changes and loss of integrated coherence. Geophysical control field of 7 planetary fractal converters is captured in the area of 1 PFC on the surface of the barrier membrane 1 (2 QFC), correlating "sets" of wave fronts, where deployment vectors increase occurs according to a different principle. The lower limit of number of deployment vectors, wherein the concept of time cyclicity occurs is equal to 26 (the minimum number of fractalization vectors that convert electromagnetic radiation into space-time highly coherent state, passing in quantum form - 2 QFC). Further, the number of envelopes as a result of fractal deployment of hyperquantum prototypes 3-8 QFC and  $9-\infty$  HFC increases to infinity.

Automatic occurrence of considerably observable mismatches (occurrence of frequency wave irrationality) in zone of 1 PFC results to various structural compactions and, in the contrary, voids that will subsequently become concentration areas of dynamically expressed processes of various types (electromagnetic anomalies). Loss of even one of three fundamental for this structure interperpendicular matching factors (orthogonality), as an expression of spatial correlation of the base and derivative form, leads to "disintegration" of deployable space structure of 1 PFC into separate spiral-helix chain-planar derived modifications. It should be added that packet of flat raster grids of 1 PFC carries patterns of all 14 types of Bravais lattices, defining a principle of space-time amplitude-frequency correlation of phase framework of all possible structural compositions synthesized directly in the spiral-helix interactions covered by 8-1 PFC. Geophysical medium carries the entire range of multi-level electromagnetic radiations, that is inherently, from the perspective of dynamic interactions of any type, the most coherent "foundation" of all possible counter-exchange processes, synthesizing diversity of the planetary physical nature. Thus, the space of the Universe is the most complex, spatially deployed structural quantum set of hyperspace of  $2-\infty$  Hyperquantum fractal converters, correlating, redistributing, and stabilizing any and all range of electromagnetic radiations of the megaspace and its material reference cavities - star systems.

As you know, some of topological equivalents of sphere are cube and octahedron. In the plane packet of 1 PFC, each segment composing its structure contains an octahedron, inside which there is a cube, forming a highly complex, multi-level formation, which 1st derivative gives a cuboctahedron. Priority of structures is determined by only the point at which observer (operator) positions itself. The common design of 1 PFC is a packet of plane diffraction lattices forming a multi-level system of phase centers of the area of maximum concentration of the active potential, seeking to penetrate through the barrier membrane 1 in the area of hyperspace of 2-8 QFC.

To carry out the coherent transformation of a set of wave functions, at first it is necessary to correlate amplitudes, i.e. to reduce them to optimum value with respect to each radiation range.



Thus, initially there is transformation of amplitudes, followed by the process of correlation of polarization vectors of magnetic and electrical components of the wave pulse, a plane-parallel diffraction pattern occurs, representing Cartesian coordinate system, structurally stable from the perspective of a three-dimensional space. We could say that three-dimensionality of our space is not an abstract mathematical model, but the consequence of the fact that electromagnetic wave process has three orthogonal components. This process is followed by ordering within the phase centers (quantum transitions), and then - correction of the interaction pattern tending to sphere. When the total directional pattern of polarization vectors deploys in the form of 26 fractalization vectors of hypersphere of 2 Quantum fractal converter (QFC), any wave pulse, got in the system, starts to transform into a similar highly coherent fractal form. That is why the process of the polarization pattern transformation through formation of absolute adequate counter function is the most difficult, because it automatically holds redistribution and coherent restructuring of each electromagnetic pulse within the self-affine hypersphere of 2 QFC, deploying it into its own hypersphere initiating a reverse reaction towards the periphery, qualitatively ordering topologies of crystalline objects.

This means that resonance in the system of 1 PFC is going on not in just certain directions, but triggered according to the pattern, which has at least 26 directions of counter-interaction through the central phase Zero (quantum Prototype of 2 QFC) with formation of three dynamic correlation levels wave - half-wave - quarter-wave. Each of them, in turn, creates its own derived superpositions and separate phase center, deploying its resonance sphere. The process has a tendency to simultaneity, but the most importantly, it allows to get the fractal reaction of resonance pattern (each with all individual components and all with every single component) in the form of multilevel fractal sphere, and hence the lack of subforms that respond to specific pulse different from the neighboring ones. Although discrete always remains, but the entropy is reduced to an optimum level, characterized by a certain constant, which determines the tiered stability of 2 QFC system. If this constant is reached, the system is running in single phase as a universal wide-range coherent converter. Any pulse is automatically differentiated into elementary subforms and converts a system of composite spheroids of common hypersphere 2 QFC into 3 QFC pattern, and then - into 5 QFC and 7 QFC pattern. In turn, 4 and 8 QFC, as analogs of 2 QFC multiple of 2, appear automatically and have the properties of correlating barrier levels.

Each wave function as a dynamic process is capable to be implemented in accordance with its specific nature only with analogs, correlated with the structure of 1 PFC, which is extremely difficult, because condition  $X_n + Y_n + Z_n + \dots + N_n \rightarrow 0$ , which determines the coherent stability of any model requires a multi-dimensional synchronized symmetry implying striving of spiral helix fronts to stationary spatial structures, allowing to form crystalline similarity of the hypersphere at the level of 4th derivative.

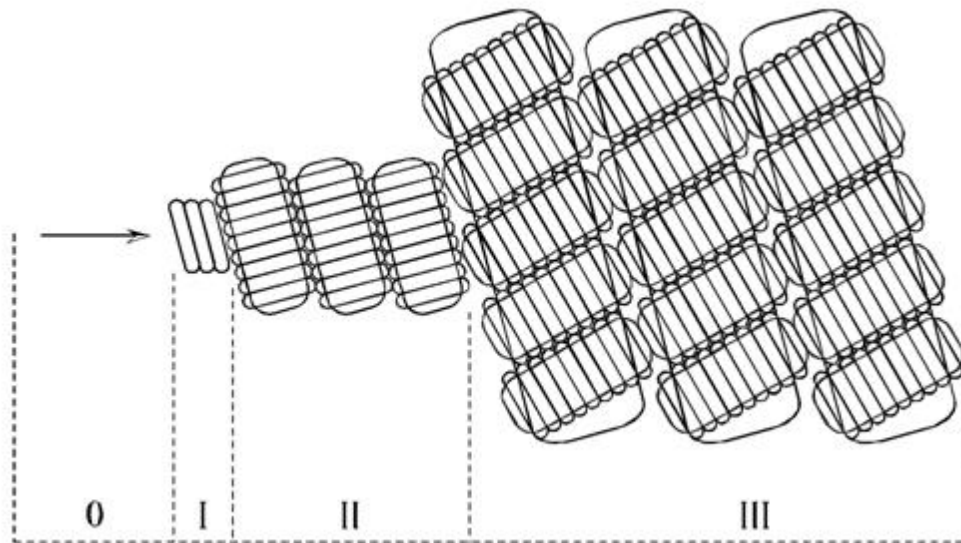


As a result, existence of planar arrays is possible only in the form of a community, which forms along respective 1 PFC fractalization vectors blocks of chain, spiral-helix packets of strictly oriented identical arrays oppositely twisted relative to the central phase point with their own step by step deployment regarding the proper polarization vector. Due to the loss of the inter-turn coefficient of correlation of magnetic and electric components of wave tracks, this chain-spiral-helix object can form only three derived levels of the proper fractalization - "spiral - spiral in spiral - helical spiral in spiral". Further, instead of the fourth level of helix formation (derivative), irregularly wound on itself coil formation is formed, which is a highly clustered object that has lost its principle of own fractal-subordinate organization, and in spite of similarity of the overall shape to sphere, is not a spatially organized system.

Thus, any reactivation (increased polarization) of a chain, spiral-helix packet of planes leads to haphazard entanglement of the program-dependent algorithm and loss of its functionality.

Step-by-step energy increment is possible only in the form of instantaneous quantum transition from one level to another, requiring to generate adequate potential determined by the corresponding constant. The slightest discrepancy in fractalization parameters automatically resulting due to mass already submitted irrational values at the phase of 1st derivative and, therefore, non-linear derived superpositions at the time of the program deployment and counter interaction between blocks of different types of planes causes spontaneous helix formation, leading to collapse of the wave complex to simplest linear chain functions due to a sharp surge in structural inconsistencies, "breaking" planes to elementary wave components capable to form only the spiral-helix structures, deploying with the direction of twist to natural cyclically expressed tendency to compression or expansion (oscillation) of its own derived analogs (superpositions). Thus, any informationally saturated model tends to consistent compression in non-functional cluster module or to "blurring" and disintegration. This specifics of linear-chain spiral-helix fractalization and, as a consequence, impossibility of constructing a straight path along the shortest distance between any two randomly selected points in space, results to "paradoxes" of space-time categories of electromagnetic megaspace of the Universe.

Spiral helical structure of linear-chain momentum is capable to systematic fractalization only up to the third level of its own spiral cloning, namely: 0 - pulse basis (phase) - 1st derivative, a single spiral - 2nd derivative, spiral in spiral - 3rd derivative, helical spiral in spiral.



### *Three-level spiral*

Further systematic helix formation (4th derivative) as a result of loss of factor of interturn correlation of magnetic and electric components is not possible. Since tendency to spontaneous unsystemity of interaction vectors and, therefore, to a conflict arising from the magnetic and electric components and their superpositions of nonlinear nature is clearly expressed, haphazard formation of the cluster type (turbulence) is formed, seeking to dynamically stabilize itself, forming large-scale active anomalies together with its own analogs.

Thus, the functional potential of any type, involved in the form of spiral-helix linear-chain functions, has obvious limitations, both in power and in the area (coverage) of possible realization, which is clearly confirmed by the presence of base constants that define the basis of the existence of any type of environment with electromagnetic nature. It could be added that in terms of efficiency and accuracy of interactions, an attempt to use everywhere this, inherently the least effective interaction algorithm is absurd. This conclusion is supported by a plurality of permanent pathological conditions, which are massively provoked by modern technocivilization among the immediate habitat.

An example of the linear-chain spiral-helix compositions is both any wave function cyclically tending to compress or expand, and well-known three-level spiral of DNA, which after the third level of helix formation (derivative) as a result of loss of its own conformity factor, forms a haphazard glomerate clot (4th derivative), which is a basic protein formation.

So 1 Planetary fractal converter (PFC) is able to form a whole range of modifications, from Supermatter (absolutely stable object) to low-functional hypercluster system and Chaos, where the entropy value is a measure of quality of the object structure synthesis. If the spiral-helix synthesis



algorithm is not controlled from the perspective of structure of 2-4 PFC and is not structured within itself according to the principles of 2-4 QFC, respectively, the fractal deployment of the spiral-helix analog system generates only random cluster formations with multiple haphazard dynamics caused by constantly ongoing disintegration of such community, spontaneously tending to self-destruction. In turn, introduction of principles of optimum packing and synchronization of a set of identical subjects into a single whole (3-4 PFC) allows to obtain a structurally stabilized hyperobject. In this case, stability of the object, which has an electromagnetic nature, will entirely depend on quality of the cluster structure, defined by the criterion of 2-3-4 PFC.

Thus, the set of planetary physical fields, deployed as analogs 2-4 QFC, determines existence of appropriate structural designs of matter and synthesis algorithms. It is easy to note a step-by-step sequence defining the appropriate scale of correlation and conversion of one category of the structural quality to another, which is associated with natural processes of quantum transitions (1-8 PFC) and is available for conscious correction by introduction of adequate structuring program from the perspective of their quantum prototypes (2-8 QFC), which involvement eliminates formation of conflicts and spontaneous manifestations of intrasystem disintegration, thereby stabilizing information-exchange components the most important for any electromagnetic space existence, consistently advancing to the original universal quantum hyperprototype (2-8 QFC), strictly fixing fractal conversion stages as unconditionally stable categories of "nested" hyperspheric levels.

Each successive megaspace level involves a much higher quality and depth of coordination, as number of structural relationships that are simultaneously fixed at a quantum leap, increases many times. Accumulation potential process occurs at the preceding "external" level, which, according to its structural feature cannot accumulate and retain potential above a certain limit. On the border of fractal converters, in the area of the megaspace barrier membranes, a process of counter interaction in the form of energy absorption and discharge runs. Thus, the more structurally saturated level is able to absorb only potential compatible from the perspective of the previous conversion level. Thus, there is a real opportunity to systematically fix the maximum neutral form. However, at this point a counter function arises since the structural design of any converter is not able to simultaneously accumulate potential required for the system-wide quantum transition. This results to an effect of harmonic oscillations.

Instantaneous deployment of the universal hyperprototype forms a self-affine Universe configured as a "nested" fractal structure of multilevel electromagnetic megaspace, where, as a result of basic foundation deployment due to the specific characteristic, there is an infinite variety of forms and properties of the set of partial derived projections and their superpositions gradually losing their original

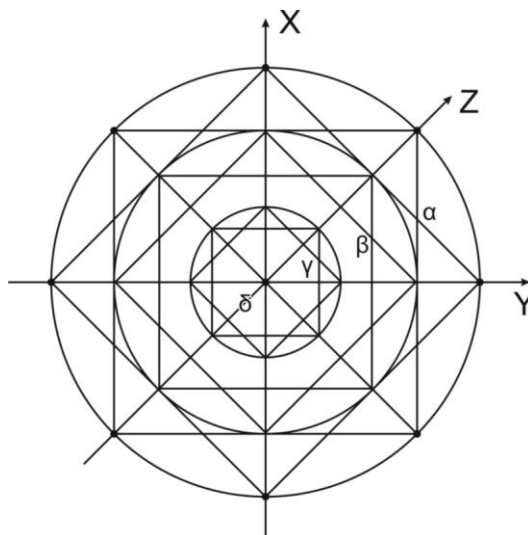


structural quality (stability) and subsequently transforming into more primitive formulations of mutually containing objects transforming into each other that exist only in the form of a cluster amount of analogs.

Separate functional development of any segment of the step-by-step scale of the spatial conversion process leads to occurrence of physical objects that have, again, the electromagnetic nature. The less a prototype corresponds to a universal hyper-dimensional basis, the harder its ability to create high-quality interconnections structure is expressed, which determines ultimately the highest possible level of development of a biological organism and its consciousness as a non-linear superposition corresponding to shape and possibilities of existence of this species in a specific environment, which is a process of successive conversion of hyperprototype (2-8 QFC) in the form of a universal base to material derivatives. The number of stages in the overall deployment pattern is strictly caused with hyperprototype projection, as a result of which, any of its points carries the derived analogue of the deployment algorithm of the individual planetary development basic pattern.

For example, the basic model suitable for an adequate analysis of planar categories contains two mutually perpendicular axes, which have a common center (phase) and form a simple flat basic perception segment - a raster grid, differentiating together with analogs a signal in a particular wavelength range, which stability is ensured by a gradation depth of this process.

Obviously, the presence of three derivatives breaks the fractal converter pattern (see the figure below) into 3 structural zones:  $\alpha$ ,  $\beta$ ,  $\gamma$ , and the center  $\delta$  is the so-called subcore - quantum prototype - and is not considered in the structural analysis, although its presence is certainly meant as a universal basis (hyperprototype) of the analog fractal synthesis of an electromagnetic planetary converter. The grading described may be applied to any converter.







*Prototype*

Thus, mega space of the Universe is formed "in the image and likeness" of its hyperprototype. Its most important feature is the presence of semantic theses of successful implementation fixed at the level of quantum and hyperquantum patterns of high-quality program algorithms, which activation required creation of the structurally built analog initiating the counter resonance. The quality of copy of such a program prototype will tend to 100%, and resulting information material can form the basis for construction of the next hyperprototype having more higher-quality proper implementation stability than the previous one, in spite of expressed expansion of variety of proper manifestations.

Inability to adequately implement the above-mentioned basic categories, fixed in the quantum hyperprototype of any system as a program-oriented potential, capable to functional deployment and synthesis of appropriately systematized megaspace provokes haphazard dynamics and chaos of avalanche disintegration of wave subforms and material objects, down to elementary particles as hopeless options of stabilization of global hyper- and megaspaces in an infinite Universe.