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Anterior Half of Compendium of “Homogenous Cosmos Originated from Unique Genesis”

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Abstract

Anterior half of Compendium of Homogenous cosmos originated from unique genesis is summary of cosmic demiurgic evolution of sequential homologic multiplication starting at the so-called cosmic genic origin to cosmic status quo, from cosmic evolutionary time 0 to cosmic today rooted in essentiality of homogenous cosmos originated from unique genesis.

1. Demiurgic Evolution of Sequential Homologic Multiplication of Homogenous Cosmos

The essentiality of matter can only inherently come into being during the course of their original generation and formation and is kept with matter existing as idiographic objects under the proper generative and formative preconditions. Resultingly, as our study object, what basal groundwork matter originally generated on, we should analyze and study it in the nature of things from. The essentiality of discretionary cosmic endosome of course originally come into being during the course of cosmic demiurgic evolution of sequential homologic multiplication and is kept with it existing as idiographic object under the proper generative and formative preconditions. Resultingly, as our study object, in order to clarify the essentiality of the proper cosmic endosome, we should above all clarify the proper background generation and formation of the very cosmic endosome along cosmic demiurgic evolution of sequential homologic multiplication in the nature of things.

The major evolutionary multiplication project of cosmic evolution is the progression of sequential generation and successive enrichment of field genic units $i_0, i_1, i_2, \dots, i_n$ ($n \in \mathbb{N}$) and elementary genic units $i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$, ($n, p \in \mathbb{N}$) above all. At first, it's homologic multiplication of space field, field genic units i_1, i_2, \dots, i_n ($n \in \mathbb{N}$) are gradually generated one by one and successively enriched in, till at last, space field tends to saturation. Subsequently, elementary genic units $i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$, ($n, p \in \mathbb{N}$) are gradually generated in crystal format one by one and successive enriched in space field with remarkable existent idiosyncrasy.

As special generation of elementary genic units under proper space field background, attribute below of elementary genic units is inherent:

The first, the presence of elementary genic units in space field can embody idiographic existent individuality of physical esse of elementary genic units themselves. Throughout the process elementary genic units transmute and transit with accessible field genic units around in space field, there are always idiographic mass margin, explicit motion orientation and geometrical modality of proper elementary genic units, which are just the indicative characteristics of elementary genic units themselves as definite objects in cosmos.

The second, “PNT action” of elementary genic units is inherent, —since there is

external positive possibility for elementary genic units to generate by the light of nature, there must be equally external negative possibility for elementary genic units to degenerate as well, and such external positive possibility and negative possibility must be covariant couple of coexistent coordinate evolvment and retrogression as inherent attribute of elementary genic units, which is virtually just the inherent PNT action of elementary genic units. In straightforward words, PNT action is inherent attribute of elementary genic units existing in spacetime which of course radically determines the characteristic existence & motion of elementary genic units in spacetime.

The third, as the local limitation of generative ambient conditions of elementary genic units, it's almost impossible for the PNT operational linkage of PNT action of elementary genic units to be well-rounded and perfect once initially generated in space field.

The fourth, instinctive PNT reciprocal equilibrium towards optimum PNT operation must be inherent attribute of elementary genic units. —as long as there is substantial accessibility of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” between any discretionary two elementary genic units (/between any discretionary two matter systems), PNT reciprocal equilibrium towards optimum PNT operation must be implemented unconditionally. Virtually, PNT reciprocal equilibrium towards optimum PNT operation is instinctive self-acclimation of matter system in spacetime, something inherent of matter and the original motivity for cosmos always ready to orient perfection by the light of nature; elementary genic units can never be exceptions.

As inherent attribute of elementary genic units, once there is substantial accessibility of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” among elementary genic units, PNT reciprocal equilibrium towards optimum PNT operation must be implemented unconditionally so as to turn originally free elementary genic units in spacetime into combination (or combinations) for PNT reciprocal equilibrium towards optimum PNT operation has virtually been materialized into solid interaction among accessible elementary genic units which makes all the interacted elementary genic units seem convergent compound as independent esse in spacetime. We just call such combination “reciprocal PNT combination”. As long as there are substantial accessibility of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity”, elementary genic units in spacetime must unconditionally turn into rich and colorful reciprocal PNT combinations step by step.

As PNT action and instinct of PNT equilibrium are purely something inherent of elementary genic units, both initial generation and further multiplication of rich and colorful reciprocal PNT combinations in spacetime are but freewheeling evolution of cosmos or freewheeling modulization project of cosmos, —inevitability predestined by homologous filiation between spacetime and matter (PNT action) and instinct of PNT equilibrium. Since the first moment elementary genic units

initially generated in space field, the inherent PNT action and instinct of PNT equilibrium have congenitally predestined the intrinsic orientation of universal existence & motion of positive matter in cosmos, it has radically predestined cosmic status quo must be like this going without saying and future cosmos must undoubtedly go on developing along the freewheeling tendency for ever. This is just decree of the God, —the unique fundamental of both cosmic demiurgic evolution and universal existence & motion of matter in cosmos.

So-called “reciprocal PNT combination” is just convergent mechanical compound made up of compositive sub-mechanical-units originally coming into being for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to favorable presence of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” among the very sub-mechanical-units. In another words, so-called “reciprocal PNT combination” is just convergent esse in spacetime with relatively steady & reciprocal PNT operation among compositive sub-mechanical-units in accordance with demiurgic fundamental of instinctive PNT reciprocal equilibrium towards optimum PNT operation, —evolutional outgrowth of spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation. The more adequate and consummate the PNT reciprocity among compositive sub-mechanical-units is, the steadier the resultant reciprocal PNT combination in spacetime is.

Apparently, original generation of reciprocal PNT combination depends on two favorable conditions below:

The first: there must be favorable “reciprocal PNT equilibrium idiosyncrasy” of all compositive sub-mechanical-units, and this is just the internal condition for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation which is just physical action causing reciprocal PNT combination coming into being.

The second: there must be favorable “feasible space overall arrangement for PNT reciprocity” among all compositive sub-mechanical-units, and this is just the external condition for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation which is just physical action causing reciprocal PNT combination coming into being.

The generation and further multiplication of reciprocal PNT combinations in cosmos must experience a substantial process from microcosm to macrocosm, from simpleness to complexity, in accordance with idiographic distinction of dominant compositive sub-mechanical-units from microcosm to macrocosm, from simpleness to complexity, we classify the reciprocal PNT combinations in cosmos into four typical categories and call them reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation III and reciprocal PNT combination of gradation IV.

So-called “reciprocal PNT combination of gradation I” is convergent mechanical compound category of subatomic kind, which originally coming into being for spontaneous occurrence

of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among the original compositive elementary genic units gradually enriched in spacetime (but not excluding the possible presence of succedent relatively simple subatomic units or particles), such as quark, ..., electron, neutron, proton, α particles and so on.

The dominant sub-mechanical-units of reciprocal PNT combination of gradation I is "elementary genic units" (but not excluding the possible presence of succedent relatively simple subatomic units or particles); the PNT reciprocity of reciprocal PNT combination of gradation I is mainly the so-called "strong interaction" among the compositive sub-mechanical-units (but not excluding the possible presence of so-called "weak interaction").

So-called "reciprocal PNT combination of gradation II" is convergent mechanical compound category of atom kind, which originally coming into being for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive subatomic units gradually enriched in spacetime (but not excluding possible presence of elementary genic units), such as hydrogen atom, carbon atom..., oxygen atom, ... uranium atom and so on.

The dominant sub-mechanical-units of reciprocal PNT combination of gradation II are "subatomic units" (but not excluding possible presence of elementary genic units); the PNT reciprocity of reciprocal PNT combination of gradation II is mainly the so-called "electromagnetic interaction" among the compositive subatomic units (but not excluding possible presence of elementary genic units)

So-called "reciprocal PNT combination of gradation III" is convergent mechanical compound category as molecule, molecule system, organism and so on, which originally coming into being for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive atoms gradually enriched in spacetime (but not excluding presence of succedent relatively simple molecule, molecule system), such as hydrogen molecule, oxygen molecule, ... carbon dioxide, crystal, stone, DNA, organism and so on.

The dominant sub-mechanical-units of reciprocal PNT combination of gradation III are atoms (but not excluding presence of succedent relatively simple molecule, molecule system etc.); the PNT reciprocity of reciprocal PNT combination of gradation III is mainly the so-called "electromagnetic interaction" among the compositive atoms (but not excluding presence of succedent relatively simple molecule, molecule system etc).

So-called "reciprocal PNT combination of gradation IV" is convergent mechanical compound category as celestial bodies, galaxy kind in cosmos (but not excluding presence of any

objects with mutual disturbance of substantial matter field superposition), which originally coming into being for spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive celestial bodies or galaxies gradually enriched in spacetime (but not excluding presence of any objects with mutual disturbance of substantial matter field superposition), such as earth, moon, sun, solar system, Milky Way galaxy and so on.

The dominant sub-mechanical-units of reciprocal PNT combination of gradation IV are macrocosmic objects, celestial bodies and galaxies, (but not excluding presence of any objects with mutual disturbance of substantial matter field superposition); the PNT reciprocity of reciprocal PNT combination of gradation IV is mainly the so-called "gravity" and "anti-gravity" among the compositive macrocosmic objects, celestial bodies and galaxies (but not excluding presence of any objects with mutual disturbance of substantial matter field superposition).

Practical multiplication of all the four gradations of reciprocal PNT combinations along cosmic demiurgic evolution of sequential homologic multiplication is a throughout succession. Spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive elementary genic units gradually enriched in spacetime make reciprocal PNT combination of gradation I coming into being, as a result, reciprocal PNT combination of gradation I crown all elementary genic units.

Spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation for well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive subunits of generally reciprocal PNT combination of gradation I kind (not excluding possible presence of elementary genic units) gradually enriched in spacetime make reciprocal PNT combination of gradation II come into being, as a result, reciprocal PNT combination of gradation II crown all reciprocal PNT combination of gradation I and all elementary genic units.

Spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation for well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive subunits of generally reciprocal PNT combination of gradation II kind (not excluding possible presence of reciprocal PNT combination of gradation I and elementary genic units) gradually enriched in spacetime make reciprocal PNT combination of gradation III come into being, as a result, reciprocal PNT combination of gradation III crown all reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation I and all elementary genic units.

Spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation for well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space

overall arrangement for PNT reciprocity” among compositive subunits of generally reciprocal PNT combination of gradation III kind (not excluding possible presence of reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation I and elementary genic units) gradually enriched in spacetime make reciprocal PNT combination of gradation IV come into being, as a result, reciprocal PNT combination of gradation IV crown all reciprocal PNT combination of gradation III, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation I and all elementary genic units.

Thus it can be seen the throughout cosmic evolution can be generally differentiated into three sequential stages:

The first stage: evolution of space field till saturation of space field.

The second stage: generation and succedent enrichment of elementary genic units in spacetime.

The third stage: as continuous generation and enrichment of elementary genic units in spacetime, spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” among sub-mechanical units bring about substantial multiplication of rich and colorful reciprocal PNT combinations in cosmos day by day.

Of course, the evolutional process of succedent generation and multiplication of reciprocal PNT combinations from microcosm to macrocosm, from simpleness to complexity still can be differentiated into four sequential phases.

The first phase: generation, succedent enrichment & overall arrangement of reciprocal PNT combination I.

The second phase: generation, succedent enrichment & overall arrangement of reciprocal PNT combination II.

The third phase: generation, succedent enrichment & overall arrangement of reciprocal PNT combination III.

The fourth phase: generation, succedent enrichment & overall arrangement of reciprocal PNT combination IV.

All in all, the all wool and a yard wide cosmic evolution but brings about sequential generation of $i_1, i_2, i_3, \dots, i_n, i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$, ($n, p \in \mathbb{N}$) basing on cosmic genic origin i_0 . original demiurgic evolution of macrocosm is but succedent spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” among compositive sub-mechanical units of elementary genic units, among compositive sub-mechanical units of reciprocal PNT combination of gradation I, among compositive sub-mechanical units of reciprocal PNT combination of gradation I and elementary genic units, among compositive sub-mechanical units of reciprocal PNT combination of gradation II, among compositive sub-mechanical units of reciprocal PNT combination of gradation I and reciprocal PNT combination of gradation II, , among compositive sub-mechanical units of reciprocal PNT combination of gradation III and reciprocal PNT combination of gradation III, it's but the essentiality of matter which practically brings on freewheeling extension of cosmic evolution to make matter

modulization project implemented by the light of nature.

All in all, all reciprocal PNT combinations in spacetime are but outgrowth of instinctive PNT reciprocal equilibrium towards optimum PNT operation, some kinds of relatively steady characteristic PNT operational patterns resulting in spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation. In simple words, generation of reciprocal PNT combinations is but instinctive optimum materialization of PNT action among compositive sub-mechanical-units in spacetime, it may be convenient for us to call such instinctive optimum materialization of PNT action among compositive sub-mechanical-units towards convergent mechanical system as “resultant optimum PNT equilibrium status quo”. It of course can be said that any distinctive existence of discretionary reciprocal PNT combination is but living existence of idiographic “resultant optimum PNT equilibrium status quo” embodied in proper components. The more adequate and consummate the PNT reciprocity of the so-called “resultant optimum PNT equilibrium status quo” is, the corresponding reciprocal PNT combination is more solid and steady in spacetime.

Radically, cosmos but possess unique genesis throughout demiurgic evolution, ——no matter how cosmos proceeds its magic evolution, and no matter cosmic evolution has proceeded to what kind of peculiar stage, cosmic demiurgic evolution can never create any new genesis out of normal extension of cosmic demiurgic evolution of sequential homologic multiplication rooted in unique genesis of the so-called cosmic genic origin i_0 but only bring out serial homologies rooted in cosmic genic origin i_0 , entire cosmic endosome can only be a grand coherent homology aggregation——cosmic homogeneity system.

2. Quantitative Multiplication Extension of Cosmic Homogeneity System throughout Cosmic Demiurgic Evolution

We study quantitative multiplication extension of cosmic homogeneity system throughout cosmic evolution is mainly ready to clarify and demonstrate how the cosmic homogeneity system quantitatively comes into being along cosmic demiurgic evolution of sequential homologic multiplication aiming at the major three sequential stages of cosmic evolution even the so-called four serial sub phases of matter modulization project.

Of course, the major three sequential stages are compatible quantitative change succession of cosmic evolution. Throughout the compatible quantitative change succession, the progressive quantitative change of the first stage is always ready for new start and further quantitative change of the second stage; the progressive quantitative change of both the first stage and the second stage is always ready for new start and further quantitative change of the third stage.

Almost just the same as quantitative change extension of the sequential three major stages of cosmic evolution, the quantitative change extension of the four sub serial phases of

the third stage of cosmic evolution are a similar compatible quantitative change succession of matter freewheeling modulation in accordance with essentiality of matter too. The progressive quantitative change of generation and enrichment of elementary genic units in spacetime is always ready for succedent generation and enrichment of reciprocal PNT combination of gradation I; the progressive quantitative change of generation and enrichment of elementary genic units and reciprocal PNT combination of gradation I in spacetime is always ready for succedent generation and enrichment of reciprocal PNT combination of gradation II, the progressive quantitative change of generation and enrichment of elementary genic units, reciprocal PNT combination of gradation I and reciprocal PNT combination of gradation II in spacetime is always ready for succedent generation and enrichment of reciprocal PNT combination of gradation III; the progressive quantitative change of generation and enrichment of elementary genic units, reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II and reciprocal PNT combination of gradation III in spacetime is always ready for succedent generation and enrichment of reciprocal PNT combination of gradation IV. Such quantitative change extension make up of the quantitative multiplication of cosmic demiurgic evolution through and through, whose mathematical logic is very similar as quantitative expansion increase of parallel cone, which can be illustrated as below:

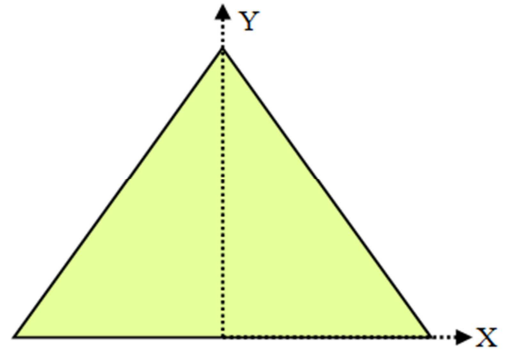


Diagram-1. Quantitative change of cosmic evolutionary multiplication in expansion increase model of parallel cone.

In above diagram, X axis is the quantification axis of semidiameter of underside of the cone introduced to scale semidiameter increase of the expanding parallel cone throughout quantitative change of cosmic demiurgic evolution of sequential homologous multiplication; Y axis is just the quantification axis of height of the parallel cone. Of course the volume expansion of the cone indicates the overall cumulation of cosmic evolutionary multiplication.

Throughout the first stage of cosmic evolution, space field gradually develops till at last it turns to saturation, and the proportional quantitative change extension is just as a small cone expand from volume 0 to some certain volume scale which proportionally indicates the eigenvalue of saturated space field.

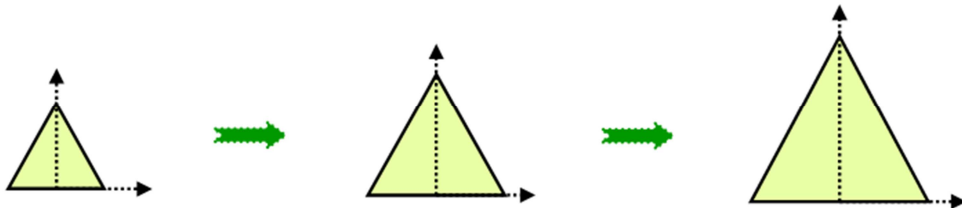


Diagram-2. Quantitative change of space field development in expansion increase model of parallel cone.

During the course of the second stage of cosmic evolution, elementary genic units begins to come into being and gradually enrich in spacetime, as a result, on top of the cone, another small cone (in yellow) comes out indicating occurrence of new objects of elementary genic units and successively to enrich followed the cosmic evolution goes deep into. Although, during the course of the second stage of cosmic evolution, the original cone model has changed into a compound cone with a big one on base indicating successive expansion increase of space field and a small one on top indicating successive expansion

increase of continuous generation and enrichment of elementary genic units in space field. Of course, both the big cone on base and the small cone on top will synchronously expand in generally consecutive and parallel profile as the original single cone besides the volume become bigger and bigger, whereas, the relative volume quotient of the big cone on base and small cone on top is of course always varying accordingly for change of the proper physical conditions of cosmos. The material quantitative change extension can be illustrated as below:

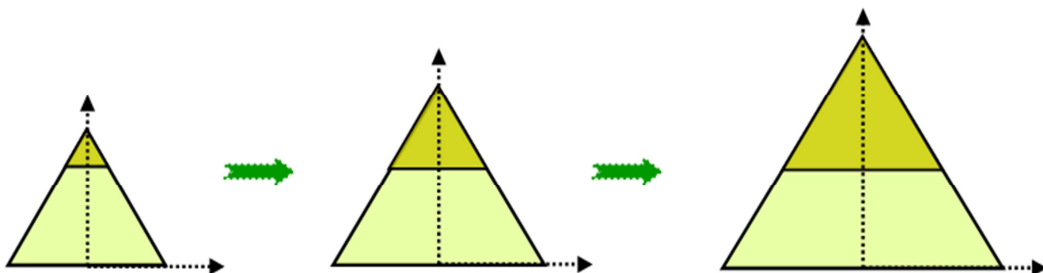


Diagram-3. Quantitative change of the second stage of cosmic evolution in expansion increase model of parallel cone.

During the course of the third stage of cosmic evolution, as continuous generation and gradual enrichment of elementary genic units in spacetime, there are more and more substantial possibilities for elementary genic units even the succedent colorful reciprocal PNT combinations to accomplish “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity”, spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of “reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity” among compositive sub-mechanical units will

occur widely, there are consequently more and reciprocal PNT combinations in space field. As a result, a third small cone in blue comes out on top of the second cone in yellow.

Of course, as cosmic evolution goes further, volume of the three cones will expand synchronously generally in the parallel profile as the original single cone, whereas, the relative volume quotient is always varying accordingly as change of integrative physical conditions of cosmos for continuation of cosmic evolution. The material quantitative change extension can be illustrated as below:

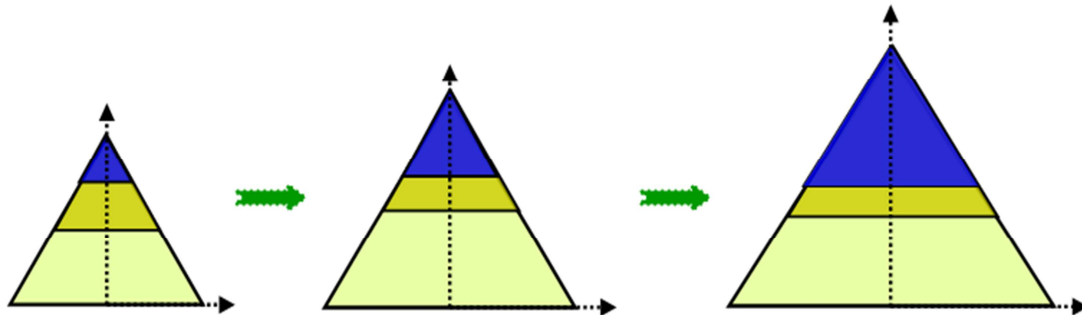


Diagram-4. Quantitative change of the third stage of cosmic evolution in expansion increase model of parallel cone.

In the diagram above, middle yellow cone means the elementary genic units still remain in their original existent state in spacetime, although there are substantial possibilities for them to turn into reciprocal PNT combinations.

Of course, the quantitative change extension of the successive generation and succedent enrichment of the four sequential

gradations of reciprocal PNT combinations is almost the same as the quantitative change extension of the three major sequential stages of cosmic evolution besides the process continuity of the four sequential sub phases is even relatively compact than the three sequential major stages, which can be generally illustrated as below:

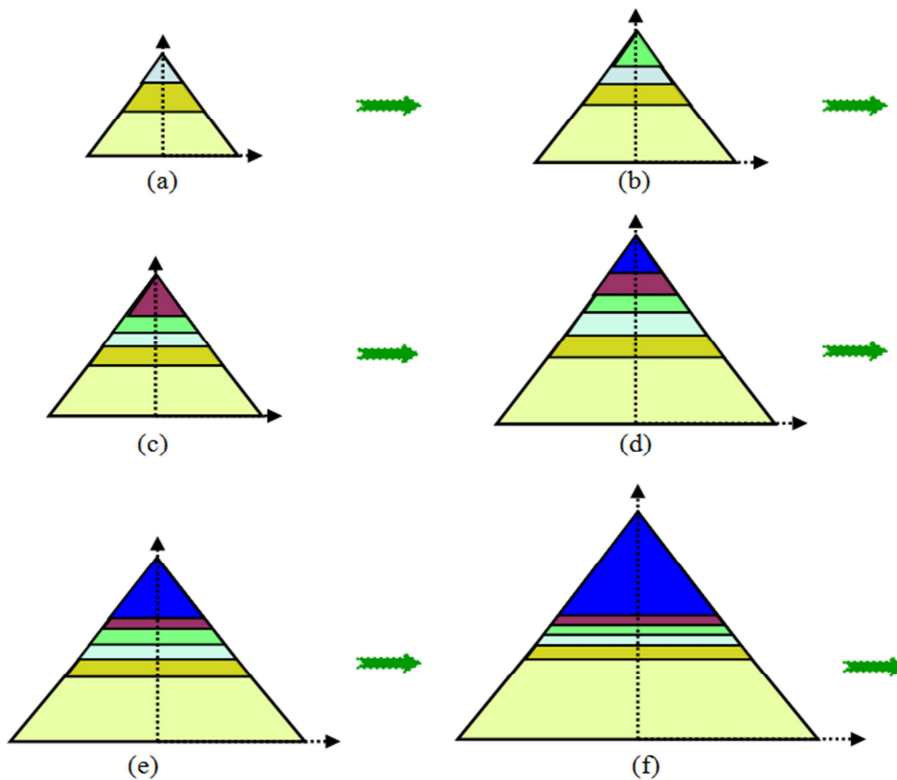


Diagram-5. Quantitative change of the four sub phases of the third stage of cosmic evolution in expansion increase model of parallel cone.

Diagram (a) indicates as continuous generation and gradual enrichment of elementary genic units in spacetime, once elementary genic units in spacetime accomplish full condition of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity", spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive elementary genic units will occur, reciprocal PNT combination of gradation I comes into being, cosmic endosome includes field genic units, elementary genic units and reciprocal PNT combination of gradation I therefore. And relative quotient of field genic units, elementary genic units and reciprocal PNT combination of gradation I go on readjusting followed further continuation of cosmic evolution by the light of nature.

Diagram (b) indicates as continuous generation and gradual enrichment of reciprocal PNT combination of gradation I in spacetime, once reciprocal PNT combination of gradation I and ambient available matter systems accomplish full condition of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity", spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive reciprocal PNT combination of gradation I and other ambient available matter systems will occur, reciprocal PNT combination of gradation II comes into being, cosmic endosome includes field genic units, elementary genic units, reciprocal PNT combination of gradation I and reciprocal PNT combination of gradation II therefore. And relative quotient of field genic units, elementary genic units, reciprocal PNT combination of gradation I and reciprocal PNT combination of gradation II go on readjusting followed further continuation of cosmic evolution by the light of nature.

Diagram (c) indicates as continuous generation and gradual enrichment of reciprocal PNT combination of gradation II in spacetime, once reciprocal PNT combination of gradation II and ambient available matter systems accomplish full condition of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity", spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive reciprocal PNT combination of gradation II and other ambient available matter systems will occur, reciprocal PNT combination of gradation III comes into being, cosmic endosome includes field genic units, elementary genic units, reciprocal PNT combination of

gradation I, reciprocal PNT combination of gradation II and reciprocal PNT combination of gradation III therefore. And relative quotient of field genic units, elementary genic units, reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II and reciprocal PNT combination of gradation III go on readjusting followed further continuation of cosmic evolution by the light of nature.

Diagram (d) indicates as continuous generation and gradual enrichment of reciprocal PNT combination of gradation III in spacetime, once reciprocal PNT combination of gradation III and ambient available matter systems accomplish full condition of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity", spontaneous occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation due to well-rounded presence of "reciprocal PNT equilibrium idiosyncrasy + feasible space overall arrangement for PNT reciprocity" among compositive reciprocal PNT combination of gradation III and other ambient available matter systems will occur, reciprocal PNT combination of gradation IV comes into being, cosmic endosome includes field genic units, elementary genic units, reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation III and reciprocal PNT combination of gradation IV therefore. And relative quotient of field genic units, elementary genic units, reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation III and reciprocal PNT combination of gradation IV go on readjusting followed further continuation of cosmic evolution by the light of nature.

Diagram (e), diagram (f) indicate, although the cosmic endosome in species still remains the same as what diagram (d) indicates, as cosmic evolution still continuing, the relative quotient of all compositive field genic units, elementary genic units, reciprocal PNT combination of gradation I, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation III and reciprocal PNT combination of gradation IV are still in spontaneous acclimation and readjustment towards optimum and tranquilization.

Although, the quantitative change of cosmic evolutionary multiplication in expansion increase model of parallel cone can intuitionistically incarnate the succession sequence and relative quotient of quantitative change throughout cosmic evolutionary multiplication, it is still short of representation of idiographic quantitative change continuation of integrative cosmic evolution. In order to represent the integrated quantitative change continuation of cosmic evolution, we introduce another diagram of "integrated quantitative change rate curve of cosmic evolutionary multiplication" as below:

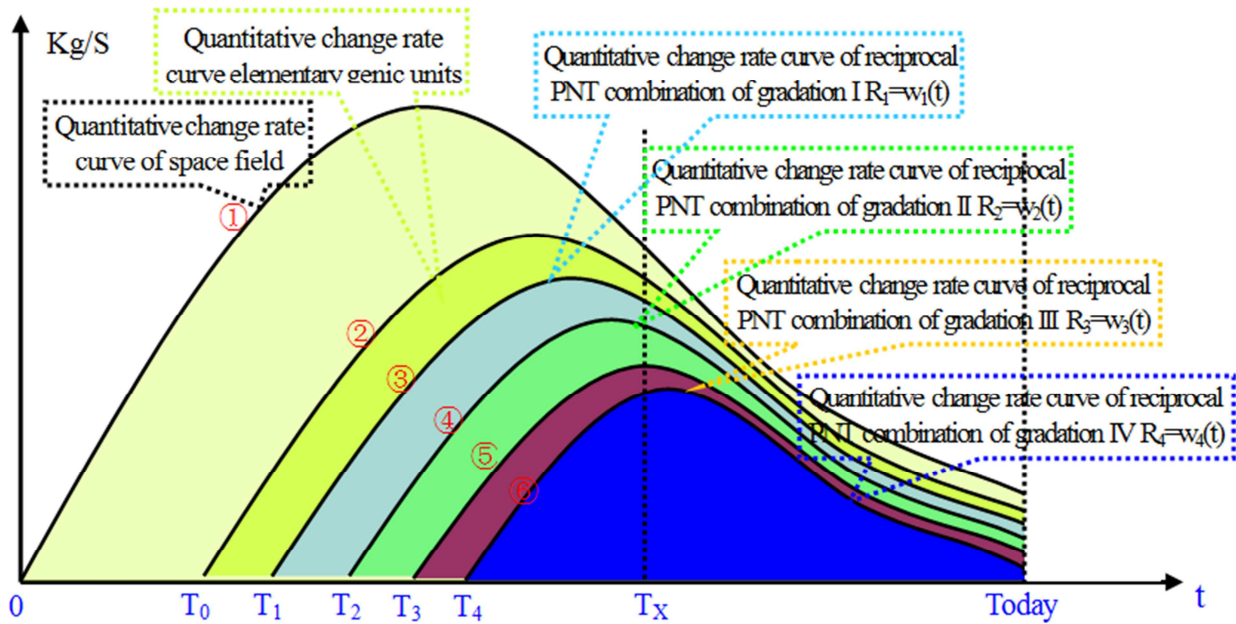


Diagram-6. Integrated quantitative change rate curve of cosmic evolutionary multiplication.

The horizontal axis of the coordinate indicates time, unit: second (S), the vertical axis of the coordinate indicates quantitative change rate of multiplication cosmic evolution, unit: kilogram /second (Kg/S).

T₀ on horizontal axis represents the moment elementary genic units primarily generate and enrich in spacetime;

T₁ on horizontal axis represents the moment reciprocal PNT combination of gradation I primarily generate and enrich in spacetime.

T₂ on horizontal axis represents the moment reciprocal PNT combination of gradation II primarily generate and enrich in spacetime.

T₃ on horizontal axis represents the moment reciprocal PNT combination of gradation III primarily generate and enrich in spacetime.

T₄ on horizontal axis represents the moment reciprocal PNT combination of gradation IV primarily generate and enrich in spacetime.

T_x on horizontal axis represents any discretionary moment between T₄ and today.

Today on horizontal axis represents the moment of cosmic today.

The curve ① represents quantitative change rate of evolutionary multiplication of space field throughout cosmic evolution from time 0 to today, and we denote it with function $S=f(t)$.

The curve ② represents quantitative change rate of evolutionary multiplication of elementary genic units throughout cosmic evolution from time T₀ to today, and we denote it with function $E=g(t)$.

The curve ③ represents quantitative change rate of evolutionary multiplication of reciprocal PNT combination of gradation I throughout cosmic evolution from time T₁ to today, and we denote it with function $R_1=w_1(t)$.

The curve ④ represents quantitative change rate of evolutionary multiplication of reciprocal PNT combination of gradation II

throughout cosmic evolution from time T₂ to today, and we denote it with function $R_2=w_2(t)$.

The curve ⑤ represents quantitative change rate of evolutionary multiplication of reciprocal PNT combination of gradation III throughout cosmic evolution from time T₃ to today, and we denote it with function $R_3=w_3(t)$.

The curve ⑥ represents quantitative change rate of evolutionary multiplication of reciprocal PNT combination of gradation IIV throughout cosmic evolution from time T₄ to today, and denote it with function $R_4=w_4(t)$.

However, there is a issue I have to comment herein, we introduce “second/s” as unit of the time on level axis, and we introduce Kilogram/second (Kg/S) as unit of quantitative change rate of cosmic evolution multiplication. Upon strict sense, when we come to study the quantitative change throughout cosmic evolution, nothing is reasonable for us to introduce “second” as all-purpose unit to define and quantify time continuation or time lapse throughout cosmic evolution.

This issue above all relates original introduction of notion of time and what’s the physical esse of time in the nature. Traditionary notion of time was introduced as “standard motion sample for reference of comprehensive motion” upon subconscious sense for expedience to differentiate and study comprehensive motion rate and relative motion materialization effect around us, for example, standard motion of crystal lattice oscillation of quartz of quartz clock, pendulum of pendulum clock swings under effect of gravity, moon running around the earth, the earth running around the sun etc. Whereas, any existence & motion in the nature directly relates to time dynamic speed of the spacetime, and usually, time dynamic speed is not constant in the nature, as “standard motion sample for comprehensive motion reference”, the characteristic motion of physical esse of time can never be exception.

Standard time unit of “second” is defined by human in accordance with the current spacetime status around the earth

even with unnoticed default that the spacetime condition around the earth is everlasting constant. This of course indicates standard time unit of second is not specific esse of nature but specific default of human. As it's almost impossible for time dynamic speed of spacetime around the earth to be everlastingly constant, we randomly snatch two separate second in time current, we can not ensure the both separate second have the same or equivalent physical connotation of nature. In straightforward words, time unit of second is but a default standard time unit of human own wishful thinking, it's not connatural standard time unit of nature.

And virtually, throughout cosmic evolution, there is substantial evolutionary course for time to evolve from time dynamic speed 0 to temporal time dynamic speed of cosmos, which of course means, at different cosmic evolutionary stages, cosmos possess different time dynamic speeds of spacetime; this of course means remarkable disparity of physical connotation of time performance at different cosmic evolutionary stages, and we can never to introduce any default “standard time unit” to quantify and formulate physical connotation of practical time continuation & lapse, which is generally similar as we can never resort an elastic scale calibrated on earth to quantify mass on moon, on Jupiter, on Mars according to its original scale going without saying. Leastways, in order to scale practical time domino effect or physical connotation of different cosmic evolutionary stages with different time dynamic speed performing time continuation, we should introduce proper time conversion to ensure scaling time continuation or lapse in coherent physical connotation.

Throughout the course of cosmic evolution that time dynamic speed evolves from time dynamic speed 0 to temporal time dynamic speed of cosmos, the substantial time continuation in coherent physical connotation may be like this: if we define 1mm near the position of “today” on the horizontal axis of the coordinate matches 3.15×10^{14} seconds, then, at relatively ahead part of the level axis, 10 mm may be enough to match 3.15×10^{14} seconds, then 8 mm matches 3.15×10^{14} seconds, 6 mm matches 3.15×10^{14} seconds,, 1.5 mm matches 3.15×10^{14} seconds, till at last approaches scale of today position 1 mm matches 3.15×10^{14} seconds.

As we adopt “second” as time unit throughout level axis, compared to the real quantitative change rate curve, the slope of the curves on show is of course larger than they originally should be. And the farer ahead of today position, the higher it deviates to, virtually, these curves should be more flat in coordinate.

Apparently, from cosmic evolutionary time 0 to cosmic Today, the total multiplication of space field can be formulated as below:

$$Q = \int_0^{\text{today}} f(t) dt$$

From cosmic evolutionary time 0 to cosmic evolutionary time T_0 , cosmic evolutionary multiplication is all multiplication of space field, which can be formulated as below:

$$Q_0 = \int_0^{T_0} f(t) dt$$

Once cosmic evolution proceeds to cosmic evolutionary time

T_0 , elementary genic units begin to generate and enrich in spacetime, from cosmic evolutionary time T_0 to cosmic evolutionary time Today, the total multiplication of elementary genic units can be formulated as below:

$$Q_1 = \int_{T_0}^{\text{today}} g(t) dt$$

Once cosmic evolution proceeds to cosmic evolutionary time T_1 , reciprocal PNT combinations begin to generate and enrich in spacetime, from cosmic evolutionary time T_1 to cosmic evolutionary time Today, the total multiplication of reciprocal PNT combinations can be formulated as below:

$$Q_2 = \int_{T_1}^{\text{today}} w(t) dt$$

This value is just the quantity indicated by the blue cone on top of diagram-4.

This value is just the quantity indicated by the blue cone on top of diagram-4.

Since cosmic evolutionary time T_0 , there are elementary genic units generated and enriched in spacetime, the generation of elementary genic units is virtually qualitative change of space field genic units. As a result, from cosmic evolutionary time 0 to cosmic today, the final hoarding of space field genic units in spacetime is not equal to practical multiplication total of space field genic units throughout cosmic evolution, but equals to balance of multiplication total of space field genic units and multiplication total of elementary genic units, which is just the integral \mathcal{C}_0 indicated by the buff surface enclosed by curve $S=f(t)$ and curve $E=g(t)$ in (diagram-6).

$$\mathcal{C}_0 = \int_0^{\text{today}} f(t) dt - \int_{T_0}^{\text{today}} g(t) dt$$

From cosmic evolutionary time 0 to cosmic today, the integral is always a variable. And this integral is also the quantity indicated by the bottom buff cone in (diagram-5) (e), (f).

Since cosmic evolutionary time T_1 , there are reciprocal PNT combination of gradation I generated and enriched in spacetime, the generation of reciprocal PNT combination of gradation I is virtually qualitative change of convergent coalescent of elementary genic units. As a result, from cosmic evolutionary time T_0 to cosmic today, the final hoarding of elementary genic units in spacetime is not equal to practical multiplication total of elementary genic units throughout cosmic evolution, but equals to balance of multiplication total of elementary genic units and multiplication total of reciprocal PNT combination of gradation I, which is just the integral \mathcal{C}_1 indicated by the yellow surface enclosed by curve $E=g(t)$ and curve $R_1=w_1(t)$ in (diagram-6).

$$\mathcal{C}_1 = \int_{T_0}^{\text{today}} g(t) dt - \int_{T_1}^{\text{today}} w_1(t) dt$$

From cosmic evolutionary time T_1 to cosmic today, the integral \mathcal{C}_1 is always a variable. And this integral is also the quantity indicated by the second yellow cone in (diagram -5) (e), (f), if number from bottom to top.

Since cosmic evolutionary time T_2 , there are reciprocal PNT combination of gradation II generated and enriched in spacetime, the generation of reciprocal PNT combination of gradation II

is virtually qualitative change of convergent coalescent of reciprocal PNT combination of gradation I and elementary genic units. As a result, from cosmic evolutionary time T_1 to cosmic today, the final hoarding of reciprocal PNT combination of gradation I in spacetime is not equal to practical multiplication total of reciprocal PNT combination of gradation I throughout cosmic evolution, but equals to balance of multiplication total of reciprocal PNT combination of gradation I and multiplication total of reciprocal PNT combination of gradation II, which is just the integral \mathcal{C}_2 indicated by the grey surface enclosed by curve $R_1=w_1(t)$ and curve $R_2=w_2(t)$ in (diagram-6).

$$\mathcal{C}_2 = \int_{T_1}^{\text{today}} w_1(t) dt - \int_{T_2}^{\text{today}} w_2(t) dt$$

From cosmic evolutionary time T_1 to cosmic today, the integral \mathcal{C}_2 is always a variable. And this integral is also the quantity indicated by the third grey cone in (diagram-5) (e), (f), if number from bottom to top.

Since cosmic evolutionary time T_3 , there are reciprocal PNT combination of gradation III generated and enriched in spacetime, the generation of reciprocal PNT combination of gradation III is of course qualitative change of convergent coalescent of reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation I and elementary genic units. As a result, from cosmic evolutionary time T_2 to cosmic today, the final hoarding of reciprocal PNT combination of gradation II in spacetime is not equal to practical multiplication total of reciprocal PNT combination of gradation II throughout cosmic evolution, but equals to balance of multiplication total of reciprocal PNT combination of gradation II and multiplication total of reciprocal PNT combination of gradation III, which is just the integral \mathcal{C}_3 indicated by the green surface enclosed by curve $R_2=w_2(t)$ and curve $R_3=w_3(t)$ in (diagram-6).

$$\mathcal{C}_3 = \int_{T_2}^{\text{today}} w_2(t) dt - \int_{T_3}^{\text{today}} w_3(t) dt$$

From cosmic evolutionary time T_2 to cosmic today, the integral \mathcal{C}_3 is always a variable. And this integral is also the multiplication quantity indicated by the fourth green cone in (diagram-5) (e), (f), if number from bottom to top.

Since cosmic evolutionary time T_4 , there are reciprocal PNT combination of gradation IV generated and enriched in spacetime, the generation of reciprocal PNT combination of gradation IV is of course qualitative change of convergent coalescent of reciprocal PNT combination of gradation III, reciprocal PNT combination of gradation II, reciprocal PNT combination of gradation I and elementary genic units. As a result, from cosmic evolutionary time T_3 to cosmic today, the final hoarding of reciprocal PNT combination of gradation III in spacetime is not equal to practical multiplication total of reciprocal PNT combination of gradation III throughout cosmic evolution, but

equals to balance of multiplication total of reciprocal PNT combination of gradation III and multiplication total of reciprocal PNT combination of gradation IV, which is just the integral \mathcal{C}_4 indicated by the red surface enclosed by curve $R_3=w_3(t)$ and curve $R_4=w_4(t)$ in (diagram-6).

$$\mathcal{C}_4 = \int_{T_3}^{\text{today}} w_3(t) dt - \int_{T_4}^{\text{today}} w_4(t) dt$$

From cosmic evolutionary time T_3 to cosmic today, the integral \mathcal{C}_4 is always a variable. And this integral is also the multiplication quantity indicated by the fifth red cone in (diagram-5) (e), (f), if number from bottom to top.

The integral of $\mathcal{C}_5 = \int_{T_4}^{\text{today}} w_4(t) dt$ is just the multiplication total of celestial bodies and galaxies in cosmos, which is also the multiplication quantity indicated by the top blue cone in (diagram-5) (e), (f).

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