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## Mathematical Definition of “Homogenous Cosmos Originated from Unique Genesis”

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### Abstract

The affirmation of homogenous cosmos originated from unique genesis of course implies any physical existence in cosmos is either the cosmic origin  $i_0$  itself or compound homology radically originated from cosmic origin  $i_0$ , so we can formulate genic accumulation of any object in cosmos with homology genic integral equation as  $\sum m = \int_{i_0}^X f(m_{i_0 \rightarrow X}) i_0$ , which denotes genic integration of object along demiurgic homologic proliferation starting at cosmic origin “ $i_0$ ” to some certain demiurgic proliferation terminal “ $X$ ”. (In the equation, “ $m$ ” is just the abbreviation of “mass”). And on the other hand, as dynamic essentiality of time dynamic speed of time and inherent PNT correlation (Positive & Negative Transmutation correlation) between spacetime and matter which materializes activity heritage from dynamic spacetime to matter, any positive matter in spacetime must have absolute spacetime momentum of “ $mv = d(M \leftarrow m)Y$ ” (<http://www.docin.com/p1-1197348288.html>) absolute spacetime momentum of matter is usually cumulative quantity made up of compositive spacetime momentum existing in all configurable hierarchies of reciprocal PNT combination, which come into being throughout original homologic multiplication of matter generation and formation, so we formulate the PNT dynamic cumulation of matter existing in all configurable hierarchies of reciprocal PNT combination which originally come into being along cosmic demiurgic homologic multiplication starting at cosmic origin “ $i_0$ ” to some certain demiurgic homologic multiplication terminal “ $X$ ” as  $D[\int_{i_0}^X]$  (In the definition equation,  $D$  is just the abbreviation of “Dynamic”, which denotes the PNT dynamic connotation of genic accumulation  $\sum m = \int_{i_0}^X f(m_{i_0 \rightarrow X}) i_0$ ). Integrated the both definition equations above, we can consequently arrive at the mathematical definition of homogenous cosmos originated from unique genesis as below: *Homogenous cosmos originated from unique genesis*  $\stackrel{\text{def}}{=} \sum_m^D \equiv D[\int i_0^x f(m_{i_0 \rightarrow X}) i_0]$

### 1. Mathematical Definition of Homogenous Cosmos Originated from Unique Genesis

In accordance with cosmic demiurgic evolution of sequential homologic multiplication under precondition of Homogenous cosmos originated from unique genesis postulate, cosmic demiurgic evolution starting at cosmic genic origin  $i_0$ , then follows sequential generation of field genic unit series of  $i_1, i_2, i_n$  with development of space field, then sequential generation of elementary genic units series of  $i_{n+1}, i_{n+2}, i_{n+3}, i_{n+p}$  in one continuous line following multiplication demiurgic proliferation of rich and colorful reciprocal PNT combinations for instinctive PNT reciprocal equilibrium towards optimum PNT operation, and ultimately makes up of the organic “cosmic homogeneity system”.

As cosmos is homogenous originated from unique genesis and generally come into being along sequential homologic multiplication of cosmic demiurgic evolution, if we just

treat the so-called cosmic genic origin  $i_0$  a “cosmic quantum”, and quantize any cosmic existence along cosmic demiurgic evolution of sequential homologic multiplication, we can define homogenous cosmos originated from unique genesis mathematically.

Towards to the goal, as cosmic evolution starting at cosmic genic origin  $i_0$ , let's denote the complete cosmic demiurgic evolution process as  $[i_0, \vartheta]$ , and denote any segmentary process some certain object in cosmos original coming into being as  $[i_0, X]$  ( $[i_0, X] \subseteq [i_0, \vartheta]$ ), we denote the evolutionary quantitative change of demiurgic process  $[i_0, X]$  as  $f(m_{i_0 \rightarrow X})$ , in the expression,  $m$  denotes mass of object in cosmos and just the abbreviation of “mass” or “material”. Then, the material quantitative integral throughout demiurgic evolution of  $[i_0, X]$  can be expressed as  $\int_{i_0}^X f(m_{i_0 \rightarrow X})d(i_0 \rightarrow X)$ , “ $i_0 \rightarrow X$ ” is just the symbolization of demiurgic process extension starting at cosmic genic origin “ $i_0$ ” to some certain evolutionary terminal “ $X$ ”. Of course, we can denote the material integral of any cosmic object as “ $\sum m$ ” too, so we arrive at definition equation  $\sum m = \int_{i_0}^X f(m_{i_0 \rightarrow X})d(i_0 \rightarrow X)$ . This is just the so-called homology genic integral equation of any object in cosmos.

And as cosmos is homogenous originated from unique genesis, any physical process in cosmos can be quantized by cosmic quantum  $i_0$  too, so the substantial connotation of “ $d(i_0 \rightarrow X)$ ” is exactly a single “ $i_0$ ”, so the homology genic integral equation changes into  $\sum m = \int_{i_0}^X f(m_{i_0 \rightarrow X})i_0$ .

In time current, as everlasting PNT performance between matter and spacetime, all objects exist in everlasting dynamic state, however, homology genic integral equation of subject in cosmos only gives expression to idiographic homogenous genic accumulation of discretionary cosmic object, but not including the innate dynamic connotation of object in spacetime. In order to give expression to the integrative living existence of cosmic subjects, we of course can not neglect the proper

$$\text{Homogenous Cosmos Originated from Unique Genesis} \stackrel{\text{def}}{=} \sum_m^D \equiv D \left[ \int_{i_0}^X f(m_{i_0 \rightarrow X}) i_0 \right].$$

Of course, in order to express more exactly, if the material endosome of homology genic accumulation  $\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0$  in equation  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$  represents negative matter, then, such definition equation can be expressed in “ $\sum_m^D \equiv DT \& T[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$ ”, in the equation, the small words “ $T \& T$ ” behind “ $D$ ” is the abbreviation of “Transition & Transmutation”; if the material endosome of homology genic accumulation  $\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0$  in equation  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$  represents positive matter, then, such definition equation can be expressed in “ $\sum_m^D \equiv D_{PNT}[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$ ”, in the equation, the small words “PNT” behind “ $D$ ” is the abbreviation of “Positive & Negative Transmutation”.

As the mathematical definition of Homogenous Cosmos Originated from Unique Genesis is integrated of both homology genic integral equation and PNT dynamic connotation integral equation, for expedience, we may call it “homology integration equation” too.

dynamic connotation congenitally embodied in homogenous genic accumulation of object for inherent PNT performance of matter.

As preparatory step toward this topic, we primarily denote the innate dynamic connotation isochronously cumulated along the sequential progressional homologic proliferation starting at cosmic genic origin  $i_0$  to some certain evolutionary terminal  $X$  and congenitally embodied in the proper homologic configurable hierarchies of object as  $\sum_m^D \equiv D[\int_{i_0}^X \text{PNT}]$ , and we just call this equation “PNT dynamic connotation integral equation”, in the equation, “ $D$ ” is just the abbreviation of “Dynamic”.

Virtually, the homogenous genic accumulation and the proper isochronous PNT dynamic connotation embodied in homology genic configurable hierarchies of object are congenitally coexisting as perfect integrity. So it seems we ought not to keep the homology genic integral equation  $\sum_m = \int_{i_0}^X f(m_{i_0 \rightarrow X})i_0$  and PNT dynamic connotation integral equation  $\sum_m^D \equiv D[\int_{i_0}^X \text{PNT}]$  separate, instead, we should anastomose the both equations into an integrative equation as  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$ .

Of course, even it's just the single field genic unit as  $i_0, i_1, i_2, \dots, i_n$  instead of elementary genic units of  $i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$  and the successively evolutionary outgrowth of rich and colorful reciprocal PNT combinations in cosmos, as all field genic units coexist in everlasting mutual transmuting and transiting. If we expand the dynamic connotation of “ $D$ ” incarnated in equation  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$  to the everlasting dynamic mutual transmuting and transiting of field genic units, we then have made the applicable logic extension of equation  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$  crown all cosmic physical existence. That's to say, we can primarily denote any physical existences in cosmos as  $\sum_m^D \equiv D[\int_{i_0}^X f(m_{i_0 \rightarrow X})i_0]$ . Thus, we arrive at the mathematical definition of Homogenous Cosmos Originated from Unique Genesis as below:

As the entire cosmos is just a homology family, with the rational backup of homology integration equation, we are very convenient to analyze and study the homogenous genic accumulation configuration and the proper dynamic endosome congenitally embodied in homology genic accumulation of discretionary cosmic object mathematically.

In terms of any single genic unit  $i_u \in (i_0, i_1, i_2, \dots, i_n, i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p})$ , ( $U, n, p \in \mathbb{Z}, 0 \leq U \leq n+p$ ), we can denote and mathematically study it as  $\sum_{m i_u}^D \equiv D[\int_{i_0}^{i_u} f(m_{i_0 \rightarrow i_u})i_0]$ .

In terms of any physical time quantity “ $t$ ”, we can denote and mathematically study its physical significance and effect in spacetime as  $\sum_{m t}^D \equiv DT \& T[\int_{i_0}^t f(m_{i_0 \rightarrow t})i_0]$ ; in terms of any existent space distance “ $s$ ”, we can denote and mathematically study its physical existence as  $\sum_{m s}^D \equiv DT \& T[\int_{i_0}^s f(m_{i_0 \rightarrow s})i_0]$ .

In terms of any existent particles or particle combinations, such as electron, neutron, proton,  $\dots, \alpha$  particle, discretionary

atomic nucleus, we can denote and mathematically study them as following:

$$\begin{aligned} \sum D_m^{\text{electron}} &= D_{\text{PNT}}[j_{i_0}^{\text{electron}} f(m_{i_0 \rightarrow \text{electron}})i_0], & \sum D_m^{\text{neutron}} &= D_{\text{PNT}}[j_{i_0}^{\text{neutron}} f(m_{i_0 \rightarrow \text{neutron}})i_0], \\ & & \sum D_m^{\text{proton}} &= D_{\text{PNT}}[j_{i_0}^{\text{proton}} f(m_{i_0 \rightarrow \text{proton}})i_0], \\ \sum D_m^{\alpha \text{ particle}} &= D_{\text{PNT}}[j_{i_0}^{\alpha \text{ particle}} f(m_{i_0 \rightarrow \alpha \text{ particle}})i_0], \dots & \sum D_m^{\text{atomic nucleon}} &= D_{\text{PNT}}[j_{i_0}^{\text{atomic nucleon}} f(m_{i_0 \rightarrow \text{atomic nucleon}})i_0] \end{aligned}$$

In terms of any interaction between discretionary particle and particle, such as  $n+^{235}\text{U}=\text{^{236}U}$ ,  $n+^{239}\text{Pu}=\text{^{240}Pu}$ ,  $n+^{238}\text{U}=\text{^{239}U}+\gamma$  we can denote and mathematically study their PNT reaction dynamic process from initial state to ultimate state as following:

$$\begin{aligned} \sum D_m^{\text{neutron}} + \sum D_m^{235\text{U}} &\equiv \sum D_m^{236\text{U}} \\ &= D_{\text{PNT}}[j_{i_0}^{\text{neutron}} f(m_{i_0 \rightarrow \text{neutron}})i_0] + D_{\text{PNT}}[j_{i_0}^{235\text{U}} f(m_{i_0 \rightarrow 235\text{U}})i_0] \equiv D_{\text{PNT}}[j_{i_0}^{236\text{U}} f(m_{i_0 \rightarrow 236\text{U}})i_0] \\ \sum D_m^{\text{neutron}} + \sum D_m^{239\text{Pu}} &\equiv \sum D_m^{240\text{Pu}} \\ &= D_{\text{PNT}}[j_{i_0}^{\text{neutron}} f(m_{i_0 \rightarrow \text{neutron}})i_0] + D_{\text{PNT}}[j_{i_0}^{239\text{Pu}} f(m_{i_0 \rightarrow 239\text{Pu}})i_0] \equiv D_{\text{PNT}}[j_{i_0}^{240\text{Pu}} f(m_{i_0 \rightarrow 240\text{Pu}})i_0] \\ \sum D_m^{\text{neutron}} + \sum D_m^{238\text{U}} &\equiv \sum D_m^{239\text{U}} + \gamma \\ &= D_{\text{PNT}}[j_{i_0}^{\text{neutron}} f(m_{i_0 \rightarrow \text{neutron}})i_0] + D_{\text{PNT}}[j_{i_0}^{238\text{U}} f(m_{i_0 \rightarrow 238\text{U}})i_0] \equiv D_{\text{PNT}}[j_{i_0}^{239\text{U}} f(m_{i_0 \rightarrow 239\text{U}})i_0] + D_{\text{PNT}}[j_{i_0}^{\gamma} f(m_{i_0 \rightarrow \gamma})i_0] \end{aligned}$$

In terms of any elementary atom, such as  $\text{C}^{12}$ ,  $\text{N}^{14}$  ...  $\text{Ra}^{226}$  ..., we can denote and mathematically hypostatize their idiographic existence as following:

$$\begin{aligned} \sum D_m \text{C}^{12} &= D_{\text{PNT}}[j_{i_0}^{\text{C}^{12}} f(m_{i_0 \rightarrow \text{C}^{12}})i_0], & \sum D_m \text{N}^{14} &= D_{\text{PNT}}[j_{i_0}^{\text{N}^{14}} f(m_{i_0 \rightarrow \text{N}^{14}})i_0], \dots, \\ \sum D_m \text{Ra}^{226} &= D_{\text{PNT}}[j_{i_0}^{\text{Ra}^{226}} f(m_{i_0 \rightarrow \text{Ra}^{226}})i_0] & & \dots \dots \dots \end{aligned}$$

In terms of any chemical molecule, such as  $\text{H}_2\text{O}$ ,  $\text{CO}_2$ ,  $\text{H}_2\text{SO}_4$  ...  $\text{CH}_4$  ...  $\text{DNA}$ , we can denote and mathematically study them as following:

$$\begin{aligned} \sum D_m \text{H}_2\text{O} &= D_{\text{PNT}}[2j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0 + j_{i_0}^{\text{O}} f(m_{i_0 \rightarrow \text{O}})i_0] \\ \sum D_m \text{CO}_2 &= D_{\text{PNT}}[j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0 + 2j_{i_0}^{\text{O}} f(m_{i_0 \rightarrow \text{O}})i_0] \\ \sum D_m \text{H}_2\text{SO}_4 &= D_{\text{PNT}}[2j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0 + j_{i_0}^{\text{S}} f(m_{i_0 \rightarrow \text{S}})i_0 + 4j_{i_0}^{\text{O}} f(m_{i_0 \rightarrow \text{O}})i_0] \\ \sum D_m \text{CH}_4 &= D_{\text{PNT}}[j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0 + 4j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0] \\ \sum D_m \text{DNA} &= D_{\text{PNT}}[j_{i_0}^{\text{DNA}} f(m_{i_0 \rightarrow \text{DNA}})i_0] \end{aligned}$$

In terms of any allotrope, such as  $\text{C}_x\text{H}_y$  allotrope series ( $x, y \in \mathbb{N}$ ), we can denote and mathematically study & analyze them as following:

$$\begin{aligned} \sum D_m^1 \text{C}_x\text{H}_y &= D_{\text{PNT-1}}[x^*j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0 + y^*j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0] \\ \sum D_m^2 \text{C}_x\text{H}_y &= D_{\text{PNT-2}}[x^*j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0 + y^*j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0] \\ \sum D_m^3 \text{C}_x\text{H}_y &= D_{\text{PNT-3}}[x^*j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0 + y^*j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0] \end{aligned}$$

As the discrepancies among these allotropes  $\text{C}_x\text{H}_y$  are only limited in PNT dynamic endosome of  $D_{\text{PNT}}[j_{i_0}^{\text{C}_x\text{H}_y}]$ , we just differentiate them as  $D_{\text{PNT-1}}[j_{i_0}^{\text{C}_x\text{H}_y}]$ ,  $D_{\text{PNT-2}}[j_{i_0}^{\text{C}_x\text{H}_y}]$ ,  $D_{\text{PNT-3}}[j_{i_0}^{\text{C}_x\text{H}_y}]$ , .... Of course, the format of  $x^*j_{i_0}^{\text{C}} f(m_{i_0 \rightarrow \text{C}})i_0$  and  $y^*j_{i_0}^{\text{H}} f(m_{i_0 \rightarrow \text{H}})i_0$  introduced in the equation above means all the x "C" atoms have the same dynamic character and the

y “H” atoms have the same dynamic character too in this molecule of C<sub>x</sub>H<sub>y</sub>.

In terms of any chemical reaction, such as 2H<sub>2</sub>+O<sub>2</sub>=2H<sub>2</sub>O, C+O<sub>2</sub>=CO<sub>2</sub> ....., we can denote and mathematically study &

$$\begin{aligned}
 2H_2+O_2=2H_2O &\equiv \sum D_m H_2 + \sum D_m O_2 = 2 \sum D_m H_2O \\
 &\equiv 2 * D_{PNT} [2 \int_{i_0} H f(m_{i_0 \rightarrow H}) i_0] + D_{PNT} [2 \int_{i_0} O f(m_{i_0 \rightarrow O}) i_0] = 2 * D_{PNT} [2 \int_{i_0} H f(m_{i_0 \rightarrow H}) i_0 + \int_{i_0} O f(m_{i_0 \rightarrow O}) i_0] \\
 C+O_2=CO_2 &\equiv \sum D_m C + \sum D_m O_2 = \sum D_m CO_2 \\
 &\equiv D_{PNT} [\int_{i_0} C f(m_{i_0 \rightarrow C}) i_0] + D_{PNT} [2 \int_{i_0} O f(m_{i_0 \rightarrow O}) i_0] = D_{PNT} [\int_{i_0} C f(m_{i_0 \rightarrow C}) i_0 + 2 \int_{i_0} O f(m_{i_0 \rightarrow O}) i_0]
 \end{aligned}$$

The reaction conditions and both reactant & resultant state we usually mentioned as temperature, pressure, gas, liquid, solid etc are all embodied in D<sub>PNT</sub>[∫<sub>i<sub>0</sub></sub><sup>X</sup>] status of both reactants and resultants.

About the reproduction, pullulation even actualization of biological function of organism, we can also expediently analyze and study their dynamic attribute, existence & motion by mathematical operation based on the proper homology integration equation with individual parameters of the reciprocal PNT combination under the proper material background. For example, we come to study some certain organs of any animal such as brain, liver, lung, spleen, ..., even the whole animal or human body, we can expediently analyze and study their dynamic attribute, existence & motion by mathematical operation based on the proper homology integration equation with the proper individual parameters under certain ambient conditions, such as ∑D<sub>m</sub><sup>brain</sup>+∑D<sub>m</sub><sup>※※ambient conditions</sup>, ∑D<sub>m</sub><sup>liver</sup>+∑D<sub>m</sub><sup>ambient conditions</sup>, ∑D<sub>m</sub><sup>lung</sup>+∑D<sub>m</sub><sup>ambient conditions</sup>, ∑D<sub>m</sub><sup>spleen</sup>+∑D<sub>m</sub><sup>ambient conditions</sup>, ....., ∑D<sub>m</sub><sup>animal</sup>+∑D<sub>m</sub><sup>ambient conditions</sup>, ∑D<sub>m</sub><sup>human body</sup>+∑D<sub>m</sub><sup>ambient conditions</sup>. Of course, about the heavy mass celestial bodies, even galaxies, we can expediently invoke the proper homology integration equation to analyze and study their dynamic attribute, existence & motion under certain ambient physical conditions by mathematical operation too.

## 2. Two Complementary Explanations of Mathematical Definition of Homogenous Cosmos Originated from Unique Genesis

### 2.1. As Both the Most Essential Material Gene and the Most Minimal Material Unit, the Physical Quantification of “i<sub>0</sub>” Is the Terminal Infinitesimal of Any Physical Quantity in Cosmos

The Chinese noun of “Jizi” with ideographic connotation of “genetic origin” in English was firstly introduced for cosmic genetic origin i<sub>0</sub>, which originally derived from the Chinese noun of “Jixian” with connotation of extremity infinitesimal. And virtually, it is just the abbreviation of cosmic infinitesimal quantum, which takes notional role of quantification of cosmic

analyze their idiographic existent connotation including genetic integration and integrated PNT situation as following:

extremity genetic origin i<sub>0</sub>.

In accordance with the fundamental postulate of Homogenous Cosmos Originated from Unique Genesis, cosmos is homogenous through and through, and gene i<sub>0</sub> is just the so-called cosmic genetic origin; entire cosmic contents are essentially originated from extremity cosmic genetic origin and resultantly form the cosmic-scale homogeneity system. This implies: genetic origin i<sub>0</sub> is both the most essential gene and the most minimal material unit in cosmos, —as cosmos is throughout homogenous originated from unique genesis, on stand of qualitative view, genetic origin i<sub>0</sub> is the common extremity hyllic proliferation origin in cosmos, any discretionary two subjects in cosmos must be enantiotropic resorting of the common terminal homologic medium of cosmic genetic origin i<sub>0</sub> leastways; as cosmos is throughout homogenous originated from unique genesis, on stand of quantitative view, genetic origin i<sub>0</sub> is the extremity infinitesimal and basal metric quantification unit in cosmos, any discretionary two physical quantities in cosmos must be quantitatively interconvertible resorting of the terminal homogenous extremity quantification interconversion medium of metric unit i<sub>0</sub> leastways.

And indeed, in accordance with the mathematical definition of Homogenous Cosmos Originated from Unique Genesis ∑D<sub>m</sub>=D[∫<sub>i<sub>0</sub></sub><sup>X</sup>f(m<sub>i<sub>0</sub>→X</sub>)i<sub>0</sub>], it’s easy for us to comprehend that all cosmic physical existence besides i<sub>0</sub> itself are accumulations of i<sub>0</sub> in different reciprocal convergent sate. Proportionally, it’s of course easy for us to comprehend that physical quantification of one single i<sub>0</sub> unit is just the infinitesimal extremity of any physical quantity in cosmic homogeneity system, which of course includes that physical quantification of one single i<sub>0</sub> unit is the infinitesimal extremity of time, space distance and mass. And this of course implies, once the quantity of time illimitably tends to infinitesimal of one single i<sub>0</sub> unit, it means the physical connotation of time illimitably tends to zero; once the quantity of space distance illimitably tends to infinitesimal of one single i<sub>0</sub> unit, it means the physical connotation of space distance illimitably tends to zero; once the quantity of mass illimitably tends to infinitesimal of one single i<sub>0</sub> unit, it means the physical connotation of mass illimitably tends to zero. And just because of this, we call the physical quantification of one single i<sub>0</sub> unit “cosmic extremity quantum”.

In spacetime, as all space field genetic units always exist in status of everlasting mutual transmuted and transmitting, it’s completely impossible for us to ascertain explicit existence of any single space field genetic units. This of course implies that

it's impossible for us to measure any substantial quantification of 0 time, 0 space distance and 0 mass in time current, no matter what kind of measure instruments and no matter what kind of practical method we resort, as long as the measure instruments are materials belonging to category of cosmic homogeneity system, as long as our practical method need time to perform. Resultingly, in time current, it's of course impossible for us to procure exact time quantity  $t+0$  (Here "t" is a constant) measured from some certain starting time point to another terminal time point, but quantity of  $t+\Delta t$  ( $|\Delta t|>0$ ), the magnitude of  $|\Delta t|$  inversely indicates the measure precision, unless we can keep time stopping. For the same reason, in space time, it's completely impossible for us to procure exact space distance quantity  $S+0$  (Here "S" is a constant) measured from some certain starting space point to another terminal space point, but to possibly procure quantity of  $S+\Delta S$  ( $|\Delta S|>0$ ), the magnitude of  $|\Delta S|$  inversely indicates the measure precision, unless we can keep time stopping. For the same reason, in space time, it's completely impossible for us to procure exact mass quantity  $m+0$  (Here "m" is a constant) of any cosmic subject, but to procure quantity of  $m+\Delta m$  ( $|\Delta m|>0$ ), the magnitude of  $|\Delta m|$  inversely indicates the measure precision, unless we can keep time stopping.

Of course, if we can really keep time stopping, not only it's impossible for us to perform the measure action, but also there are none existent time, space distance and mass for us to measure. That's to say, as cosmos is inherently a dynamic assembly, in space time, it's completely impossible for us to determine any unaltered subject or the same subject.

This is just something about "Uncertainty principle".

## **2.2. Universal Dynamic Orientation and Demiurgic Homologic Multiplication Fundamental of Cosmos—Instinctive PNT Reciprocal Equilibrium Towards Optimum PNT Operation**

One cosmos can only be dominated by unique coherent fundamental; two different fundamentals dominated cosmos can never be one.

The original evolution and formation of cosmos is a sequential homogenous proliferation from cosmic genic origin  $i_0$  to cosmic status quo, at first, it's evolution of space field with sequential genic birth of  $i_0, i_1, i_2, \dots, i_n$  and progressively involving in space field genic transmuting and transmitting thereby. Successively, positive matter coming into being as extra-saturation outgrowth of space field with gradual birth of elementary genic units of  $i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$  coming down in one continuous line proportional to cosmic sequential homologic multiplication. As gradual cumulation of elementary genic units in space field, the gradually enriched elementary genic units  $i_{n+1}, i_{n+2}, i_{n+3}, \dots, i_{n+p}$  stochastically precipitate brand-new occurrence of instinctive PNT reciprocal equilibrium towards optimum PNT operation, colorful and rich 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 successively come into being therein, till at last it shapes cosmic status quo.

However, what's the inherent homology demiurgic principle and dynamic regularity for cosmos to evolve from space field to cosmic status quo?

The universe is always ready to orient perfection by the light of nature! "Instinctive PNT reciprocal equilibrium towards optimum PNT operation" is just the original motivity of the God for universe to orient perfection.

In cosmic homogeneity system, existence of positive matter are either dissociative elementary genic units in space field or reciprocal PNT combinations convergently coalesced by elementary genic units in accordance with instinctive PNT reciprocal equilibrium towards optimum PNT operation. Upon our general sense, it's easy for us to comprehend that all reciprocal PNT combinations in the nature are but freewheeling outgrowth under guide of force. Whereas, in Homogenous Cosmos Originated from Unique Genesis, connotation of "force" radically derived from "instinctive PNT equilibrium" of matter system, force is but dynamic hypostatization and straightforward character indication of instinctive PNT reciprocal equilibrium towards optimum PNT operation, once matter system loses its PNT balance or breaks its original PNT stationary operation status for physical disturbance of PNT operation, and force orientation is but stochastic acclimation choice of instinctive PNT reciprocal equilibrium towards optimum PNT operation by the light of nature.

As the reciprocal rhythm of PNT operation among nucleons, once the distance between nucleon and nucleon is short enough for reciprocity, the original separate PNT operation of the relatively closer nucleons are feasible to interlink each other for internal reciprocal PNT operational linkage and expediently precipitates instinctive PNT reciprocal equilibrium towards optimum PNT operation, strong interaction among nucleons occurs thereby.

Compared to normal matter field, as the electromagnetic fields of congeneric charges contain the same morbid preponderant genic units or morbid insufficient genic units, once such electromagnetic fields of congeneric charges disturb by superposition each other, the PNT equilibrium instinct of matter system will unconditionally dissipate their superposition as possibly as it can so as to weaken the morbid genic preponderance or morbid genic insufficiency of their matter fields and maintain their original PNT reciprocal equilibrium towards optimum PNT operation, resultantly, the mutual repulsion of electromagnetic interaction between congeneric charges is embodied. Compared to normal matter field, as electromagnetic fields of heterogeneous charges contain reciprocal mutual compensatory morbid preponderant genic units or morbid insufficient genic units, once such electromagnetic fields with mutual compensatory morbid preponderant genic units or morbid insufficient genic units are close enough so that their mutual compensatory morbid preponderant genic units or morbid insufficient genic units seem available resource mutually for PNT reciprocal equilibrium towards optimum PNT operation, the PNT equilibrium instinct of matter system will unconditionally scare up their superposition as possibly as it can so as to clear up the morbid genic preponderance or morbid genic

insufficiency of their matter fields, the mutual attraction of electromagnetic reciprocity between heterogeneous charges is hypostatized thereby.

Compared to normal matter field, as the superposition of matter fields forms morbid matter field pimple and demolishes the original macroscopical esthetical sculpt of matter fields against PNT reciprocal equilibrium towards optimum PNT operation, the PNT equilibrium instinct of matter system will unconditionally readjusts their superposition situation and their character PNT operation so as to weaken the morbid pimple and optimize their matter fields for fluent PNT operation as feasibly as they can, resultingly, the gravitational reciprocity of “equivalence accessible to negative gravity” and “disparity accessible to positive gravity” is hypostatized.

All in all, force is but dynamic hypostatization of instinctive PNT reciprocal equilibrium towards optimum PNT operation, if we say it is force who is always ready to guide original homologic proliferation towards perfect conformation of cosmos, it would be better to say it's instinctive PNT reciprocal equilibrium towards optimum PNT operation who is always ready to manage the esthetical universe. Esthetical cosmos originally comes into being according to the unique esthetical fundamental of instinctive PNT reciprocal equilibrium towards optimum PNT operation, and further evolution of cosmos will always go along the same way for ever, no matter original homologic proliferation of cosmic objects in narrow sense or general existence & motion of matter in cosmos.

The motive root cause this sub-matter-system and that sub-matter-system can form relatively super reciprocal PNT combination by instinctive PNT reciprocal equilibrium towards optimum PNT operation is that there are reciprocal resource for PNT equilibrium towards optimum PNT operation between the both sub-matter-systems. And virtually, the practical materialization of reciprocity of the PNT reciprocal resource between compositive sub-matter-systems directly makes of the internal “agglomerate force” of the proper super reciprocal PNT combination, the generation and formation of super reciprocal PNT combination is just the reciprocity materialization of the favorable PNT resource towards optimum PNT operation among the sub-matter-systems.

Instinctive PNT reciprocal equilibrium towards optimum PNT operation is the thoroughly coherent dynamic fundamental of both cosmic demiurgic evolution of sequential homologic multiplication and universal existence & motion of matter in cosmos, not only original generation of all reciprocal PNT combinations in cosmos are connatural outgrowth of performance of instinctive PNT reciprocal equilibrium towards optimum PNT operation; but also universal existence & motion of common reciprocal PNT combinations in spacetime are exactly dynamic embodiment of instinctive PNT reciprocal equilibrium towards optimum PNT operation.

Elementary atoms are the most typical reciprocal PNT combinations in cosmos. As instinctive PNT reciprocal equilibrium towards optimum PNT operation is the coherent and unique demiurgic fundamental of cosmic homologic proliferation, and as original generation of atoms in cosmos is but evolutionary outgrowth of performance of instinctive

PNT reciprocal equilibrium towards optimum PNT operation, if the internal configuration of any atom is not unisonous to instinctive PNT reciprocal equilibrium towards optimum PNT operation or not unisonous to preponderance of instinctive PNT reciprocal equilibrium towards optimum PNT operation in the integrated atomic mechanism, there is no possibility for any atom to form and keep existing in such kind of none-PNT-reciprocal mechanism steadily by the light of nature. Any steady internal configuration or mechanism in atoms must be unisonous to instinctive PNT reciprocal equilibrium towards optimum PNT operation or unisonous to preponderance of instinctive PNT reciprocal equilibrium towards optimum PNT operation of the integrative atomic mechanism. This is authenticity congenitally predestined by the unique universal homology demiurgic fundamental of instinctive PNT reciprocal equilibrium towards optimum PNT operation. As a result, there is no possibility for any atom to maintain incompatible internal configuration or mechanism against instinctive PNT reciprocal equilibrium towards optimum PNT operation, which of course includes connotation of “exclusion principle” of atomic internal configuration or mechanism we conventionally mentioned.

## Acknowledgement

This paper is originally a section extracted from monograph of Homogenous Cosmos Originated from Unique Genesis. As freewheeling historical cognition succession extended from newly highlighted factuality that any discretionary two particles in cosmos are mutually convertible, Homogenous Cosmos Originated from Unique Genesis successively implemented two pioneering exploiture actions:

The first, it sublimated the newly highlighted factuality any discretionary two particles in cosmos are mutually convertible into Homogenous cosmos originated from unique genesis postulate.

The second, with supplementation of two 0.5 grade auxiliary postulates, it outspreaded and hypostatized the logic connotation of Homogenous cosmos originated from unique genesis postulate.

For lightsome comprehension of the whole idea of Homogenous cosmos originated from unique genesis and some related content in the paper, you are welcome to turn to the whole monograph.

English version of the whole monograph:  
<http://www.docin.com/p1-1197348288.html>

Chinese version of the whole monograph:  
<http://www.docin.com/p1-1197348289.html>

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