

The General Theory of Oscillation of All Celestial Objects and Universe

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Abstract— There are many geological and astronomical properties in all celestial objects and universe that are very similar and they are common among all. We are here presenting a general theory for all celestial objects and finally also for universe. So we can put their all geological and astronomical properties in a common model. On the base of these similarities we reach on this conclusion that no celestial objects and universe rotate on its axis. All celestial objects and universe oscillate from confocal oblate spheroids (E) to concentric spheres (S) and concentric spheres (S) to confocal oblate spheroids (E). We say this type of changing geometry as ESE oscillation theory. We are also here developing an IDEAL GEOGRAPHICAL MODEL that we call IGM. In this developing of ESE oscillation theory and IGM at the same time we are also developing model of dark matter and dark energy. It is very essential to put such ESE oscillation theory, IGM and model of dark matter and dark energy at large scale. How these three models ESE oscillatory model, IGM model and the model of dark matter and dark energy explain the nature of all celestial objects and universe that we are trying to explain.

Keywords— Churning, Warping, Oscillation, twisting, squeezing, confocal, oblate spheroids, concentric spheres.



1 INTRODUCTION

From a long time many scientists are studying similarities among celestial objects. There are many common and similarities among celestial objects that is our aim to search. These large scales such similarities indicate to a fundamental theory of universe and those similarities among celestial objects create such a theory which says the real nature of universe. From here a new theme or rhythm reveal before us. So in searching these common among celestial objects the space time warping appear in complete natural form not only in universe but from universe to a small celestial object. So in describing common similarities among celestial objects here we are presenting a new theory of oscillation of universe which is common among all celestial objects and universe. The result of our thinking finally reaches on this conclusion that no celestial objects and universe rotate on its axis. All celestial objects and universe oscillate from confocal oblate spheroids (E) to concentric spheres (S) and from concentric spheres (S) to confocal oblate spheroids (E). We call this oscillatory theory of all celestial objects and universe as ESE oscillation theory. This theory of ESE oscillation is in very general form or in very ideal but in special case of natural satellite (Moons), planets, stars, galaxies, black holes and finally universe the rate of oscillation and nature of oscillation vary. So this ESE oscillation theory is a very ideal theory. This ESE oscillatory model of all celestial objects and universe is based on IDEAL GEOGRAPHICAL MODEL – IGM and Model of dark matter

and dark energy. This IGM will explain all type of geological similarities among celestial objects and universe.

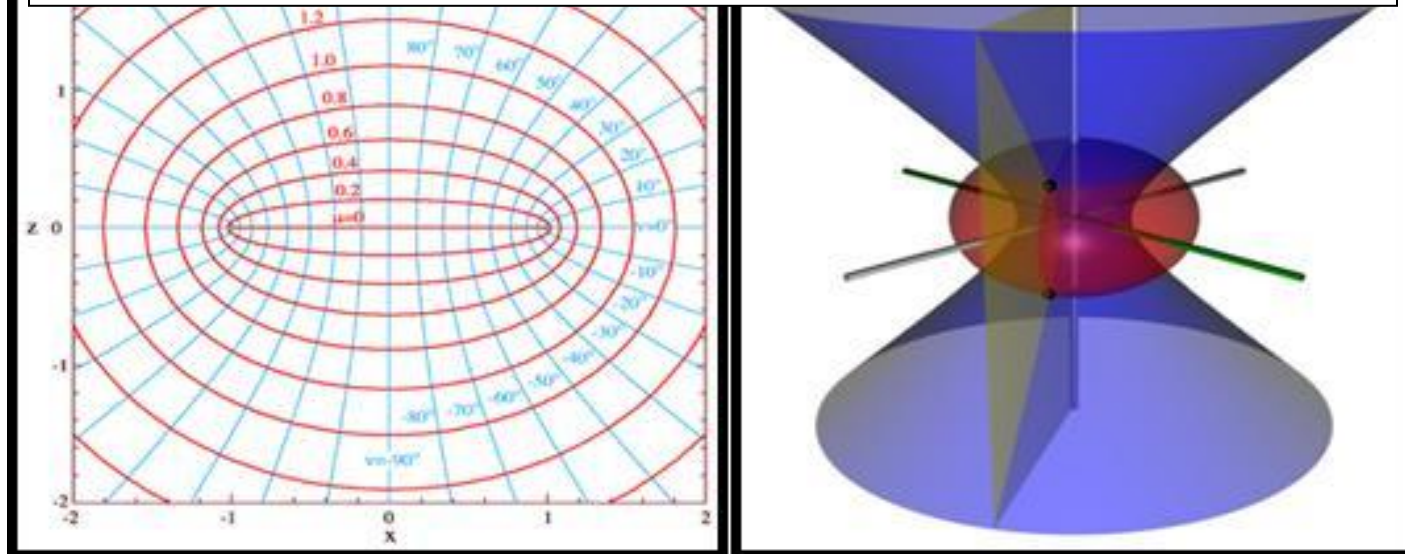
2 MODEL OF DARK MATTER AND DARK ENERGY

Here we first of all presenting model of dark matter and dark energy. We start with simple nature of distribution of atomic and non-atomic matter in celestial objects. The distribution of atomic and non-atomic matter in the earth is not in zigzag manner and these are distributed in concentric layers. In earth solid lithosphere, asthenosphere and inner core are distributed in concentric manner. Also all atmospheric layers are distributed in concentric layered manner i.e. troposphere, stratosphere, ozone layer, mesosphere, thermosphere. So in earth atomic and non-atomic matter are in layered distribution. Similarly in other gas giants, planets and moons this atomic and non-atomic matter is distributed in same pattern and in concentric layered structure. This is also with our sun and all stars. Whole matter of sun and stars is distributed in layered structure geometry. That is the sun interior division of matter is core, radiative zone, conductive zone, photosphere, chromospheres and corona which are just like different concentric layers just like planets. In the same pattern interior division of matter in a galaxy and black hole also just like different layered structure. So this is a common thing that division of visible and non-visible matter in all celestial objects of universe is in layered structure i.e. in concentric geometry. Now just same manner the dark matter and dark energy in universe is not distributed in zigzag pattern. It is distributed in some special geometrical structure pattern. This is distributed in universe in different concentric

layered structure. So the universe is made of concentric layers of dark matter and dark energy. All celestial objects which are created by universe have also the same pattern and the division or relation of this dark matter and dark energy with all of celestial objects is also in just concentric layered structure. Now we know that the shape of every celestial object is oblate spheroid and then division of matter in all of them should be also layered as oblate spheroid. Therefore the distribution of atomic and non-atomic matter is in confocal oblate spheroids layered structure geometry not in concentric spherical shape and hence the geometry of dark matter and dark energy with all celestial objects and also universe is

run continuous variation in their shape so they have variable oblateness. Solar physicists are observing changing shape of sun and its variable oblateness. Many other astrophysicists are observing variation in oblateness of some stars. Also many planetary scientists are observing variable oblateness of planets and moons in our solar system. The shape of moons, planets, stars, galaxies and black holes change with time and all have variable oblateness. Now it is observed that all have celestial objects have periodically variable oblateness and shape change in all celestial objects is a periodic property among them. So variable oblateness is common periodic property of all celestial objects. The universe has also property of variable oblateness just like all celestial objects

Figure 1 : The internal and outer complete structure of dark matter and dark energy in all celestial objects and universe is just accordingly to this figure. There are number of confocal oblate spheroids and confocal hyperboloids in such a geometrical structure. The change in shape of all celestial objects and universe run in this manner so variation in division of whole matter inside and outside is always according in this geometrical structure.



confocal oblate spheroids not merely concentric spheres or concentric layered. Then model of dark matter and dark energy of celestial objects and universe is confocal oblate spheroids. Therefore division of atomic and non-atomic matter, nuclear, nonnuclear, plasma, dark matter and dark energy i.e. whole matter is in confocal oblate spheroids or they are distributed in all celestial objects galaxy, black hole, stars, planets, moons, comets and universe as confocal oblate spheroids.

3 CHANGING SHAPE OF CELESTIAL OBJECTS AND UNIVERSE – THE VARIABLE CONFOCAL OBLATE SPHEROIDS

The shape of all celestial objects is not constant. The meaning of this is that their oblate geometry is not constant and there

and its oblateness vary periodically. Now scientists are thinking only this periodically changes in oblateness not periodic variation in confocal of this oblateness. If we include confocal property with this periodical variable oblateness then the meaning of changing in shape would be really changes in internal and outer complete geometrical structure of a celestial object. Therefore we should think variation in confocal oblateness in place of only variation in oblateness. Then shape of every celestial objects and universe also is actually oscillating nature and oscillate between two different confocal oblate spheroids. What is mathematical meaning of such periodically variation in confocal oblateness? The parametric equation of confocal oblate spheroids is as follow

$$\begin{aligned} x &= a \cosh \mu \cos v \cos \phi \\ y &= a \cosh \mu \cos v \sin \phi \\ z &= a \sinh \mu \sin v \end{aligned}$$

Where μ is a non negative real number and angle ν lies between $\pm 90^\circ$. The azimuthal angle ϕ can fall anywhere on full circle between $\pm 180^\circ$. For different values of μ and ν there appear many confocal oblate spheroids and confocal hyperboloids. (Figure 1)

run in the style of some BIG BANG and BIG CRUNCH but this is according to ESE oscillatory manner. So during large number of creation process the warping in space-time-matter of universe is ESE geometrical oscillatory nature.

5 EXPANSION AND CONTRACTION IN ALL CELESTIAL

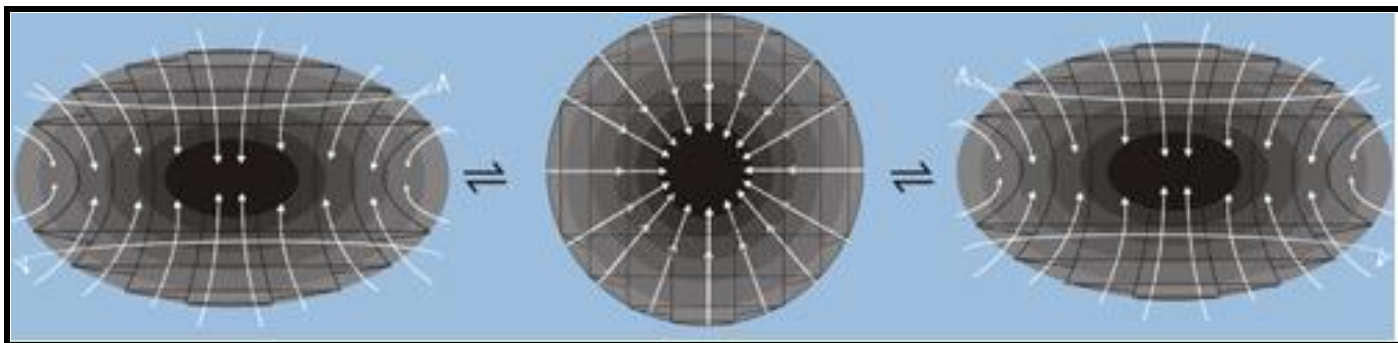


Figure 2 : All celestial objects and universe in very ideal form oscillate in this manner. This is ESE oscillation geometrical structure of all celestial objects and universe. So these all are twisting-squeezing in this geometrical structure.

4 CHURNING OF DARK MATTER AND DARK ENERGY

The space-time geometrical structure of universe is like a confocal oblate spheroids and its curvature vary in oscillatory nature from confocal oblate spheroids (E) to concentric spheres (S) and from concentric spheres (S) to confocal oblate spheroids (E) that is ESE oscillation (Figure 2). Then the gravity of universe is not constant and oscillates between confocal oblate spheroids and concentric spheres geometries. The dark matter and dark energy is distributed in universe not in zigzag manner but space-time-matter structure of such a dark matter and dark energy oscillate and vary between confocal oblate spheroids and concentric spheres geometries. The space-time-matter of universe is churning like oscillating manner between confocal oblate spheroids and concentric spheres geometries. So dark matter and dark energy is churning in oscillating manner between confocal oblate spheroids and concentric spheres as ESE oscillations. This large scale churning process in dark matter and dark energy not merely oscillate as ESE oscillation geometries but in such a process there is a creation of large number of celestial objects. When in this ESE oscillatory churning process the dark matter and dark energy dragged toward the center of universe then at the center of universe there highly increase of density of such collected matter in ESE geometrical structure. The first ESE oscillation churning process makes a first giant massive black hole with giant galaxy at the center of universe. In such an oscillatory churning process creation

OBJECTS AND UNIVERSE

The universe does not expand to infinite and do not contract to point mass. It expands and contract to a limit. When it expands and contract then variation in geometry of universe is not simple sphere to sphere or ellipsoid to ellipsoid but its geometry varies according to ESE oscillation. So its geometry varies to create a giant galaxy with a giant massive black hole at the center of universe. Then red and blue shift is according to expansion and contraction of universe as ESE oscillation geometry. So when the universe expand then dark matter and dark energy also dragged outward of universe and when universe contract dark matter and dark energy dragged inward of universe according to ESE oscillation of space-time-matter. The expansion and contraction of dark matter and dark energy of universe is run as ESE oscillatory geometrical structure. So the structure of space-time-matter warping of dark matter and dark energy in the universe is just according to ESE oscillatory geometry. When it contract the dark matter and dark energy is tighten from concentric spheres (S) to confocal oblate spheroids (E) and dragged toward the center to create a massive giant black hole with a giant galaxy. And when this same dark matter and dark energy loosen from confocal oblate spheroids (E) to concentric spheres (S) and again dragging outward from

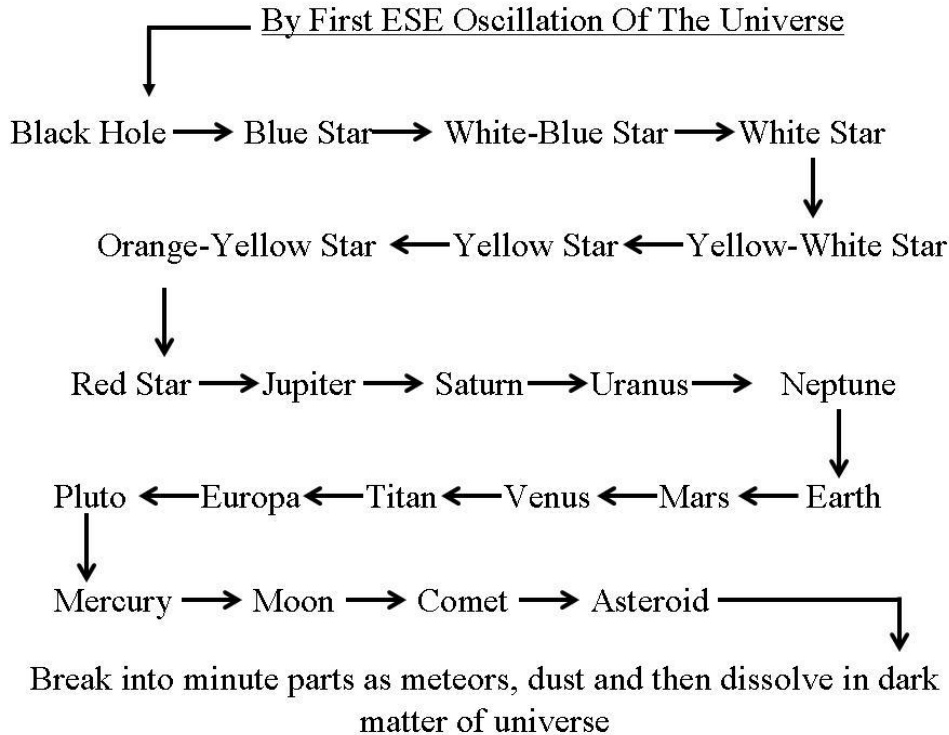


Figure 3 : After creation of a black hole it convert in other celestial objects and its gravity downfall according to ESE geometrical structure.

BIG BANG and BIG CRUNCH. Then it is

center to remove such created black hole from center in spiral path. This type of expansion and contraction of dark matter and dark energy according to ESE structure in universe make possible many many giant massive black holes with giant galaxy to a long time (but not infinite). In such ESE oscillation changes of universe there run continuous creation of a large numbers of giant massive black holes with giant galaxy. The first expansion and contraction according to geometry of ESE oscillation make first giant massive black hole with giant galaxy and after first again in second, third, fourth..... ESE oscillations there consequently creation of a large number of giant massive black holes with giant galaxies. All these remove from in spiral path as universe contract and expand by ESE oscillations. So in expansion and contraction these galaxies move toward and outward the center with spiral path. This make possible for galaxies going toward and outward from the center of universe which we observe as red and blue shift. This is real process of expansion and contraction of universe according to ESE oscillation geometrical structure and we can say this restricted type of

clear that ESE oscillation geometrical structure of universe is a good type of expansion and contraction in dark matter and dark energy and this make creation on large scale. And as we have clear already that dark matter and dark energy is distributed in universe in ESE oscillation geometrical structure. So this is also relation of dark matter and dark energy in such created black hole and galaxy is in ESE structure just same as with universe.

6 TIGHTEN AND LOSING OF DARK MATTER AND DARK ENERGY IN THE ESE STRUCTURE

By contraction and expansion of matter (we will say the dark matter and dark energy only matter in next) of universe according to ESE oscillation geometrical structure now we explain this by a spring. When we tight a spring in opposite directions on the both end the energy is more concentrated in middle of this spring. The matter of celestial objects and universe tight and loose in ESE oscillatory geometrical structure just like a spring. Then in time of contraction of universe this ESE structure drag matter toward the center and collect with tremendous pressure as a very large cloud of matter at the center as ESE geometry. This large cloud is

actually a very massive black hole with highly compressed form of dense matter in ESE structure. Now the matter state with this black hole which is in the center of a galaxy is in different state relative to matter of universe and state of matter now some in dense state with such black hole. The contraction and expansion of matter is really a tighten and loosing of matter of all celestial objects and universe that run according to ESE geometrical structure. This process of ESE oscillation is very general and all pervasive. So all celestial objects and universe are twisting in northern and southern hemispheres clockwise and anti-clockwise in opposite directions and squeezing or pressing on poles and this whole process run as oscillating manner in ESE geometrical structure. Then how the internal structure of ESE geometry changes in the time of such twisting and squeezing process? We here explain this with some detail. The meaning of oscillation of ESE geometry is oscillation between concentric spheres and confocal oblate spheroids and also with this at the same time oscillation between concentric cylinders and confocal hyperboloids. So in the time of twisting-squeezing process of ESE oscillatory geometry there are clockwise and counter-clockwise cyclones in northern and southern hemispheres of dark matter and dark energy which form spiral arms in celestial objects and universe. Then reason of spiral arm of a galaxy or a jet in a black hole is internal structure by hyperboloids and oblate spheroids in ESE geometry. The internal structure of ESE geometry is shown in figure 1 and 2 by complete interchange of confocal oblate spheroids, confocal hyperboloids, concentric cylinders and concentric spheres.

The result of such a tighten-loosing, contraction-expansion and twisting-squeezing churning process in the direction of ESE oscillation are large scale development of universe and continuous creation of a large number of giant massive black holes with giant galaxy. All these black holes with galaxy are dragged toward and outward the center of universe just according to ESE structure and prove the existence of red and blue shifts which now make a new definition of BIG BANG and BIG CRUNCH of universe. But the aim of this creation ESE oscillatory process is not to produce a large number of black holes. The whole process runs in accelerating manner. Such black holes grow old with time according their sequence of creation and what happen with time it's a big question.

7 CREATION OF A LARGE NUMBER OF BLACK HOLES BY CHURNING OF MATTER IN ESE STRUCTURE

We have described creation of a black hole by churning of matter in ESE oscillatory structure. Now we here explain the creation of a large number of black holes by this same process in detail. In figure 4 we show by (i) the creation of first black hole. When the first ESE process start the matter drag toward the center in ESE structure and universe go on contracting. This dragged matter increase its density at center and collected at center as highly dense cloud of nuclear-nonuclear particles cluster in center slowly as ESE process which go on progress and after complete tight in ESE structure there appear a giant massive black hole with a giant galaxy. In figure 4(i) this is first black by first cycle of churning of matter in ESE structure after contraction. After some time this universe begin to loose in ESE structure in reverse direction. In duration of this cycle churning of matter proceed to complete after the density at the center again decrease. After the complete of first ESE cycle now matter again go on loose and the universe going to open decreasing density from center. This created first black hole now remove from center of universe after it slowly open by ESE structure and this black hole go outward in spiral path by ESE structure as now the universe going to expand. When such a contraction and expansion according to first ESE cycle completed then there again start second same ESE cycle. The universe start to contract and second ESE cycle begin. Matter again dragged toward center with a new churning of matter in ESE structure. Again with same procedure during like first creation of a black hole density of universe increase at the center tighten matter in ESE structure. Now in the figure 4(ii) the previous black hole is orbiting the center of universe and going toward the center in spiral path with a contracting universe. Again density goes on increasing to make second black hole with same ESE structure process. This new black is taking existence at the center just like a gas giant cloud of nuclear-nonuclear particles with very systematic pressure made by geometry of ESE structure. The newly born black hole with a giant galaxy complete just same previous process and in between this the previous black hole aging fast. When the process of making second black hole completed then there elapsed a long interval of time. So with same procedure making of second black hole in figure 4(ii) completed and again in center-clockwise direction the universe begin to expand with removing in spiral path from center. In figure 4(iii) now there is a system of two galaxies with their black

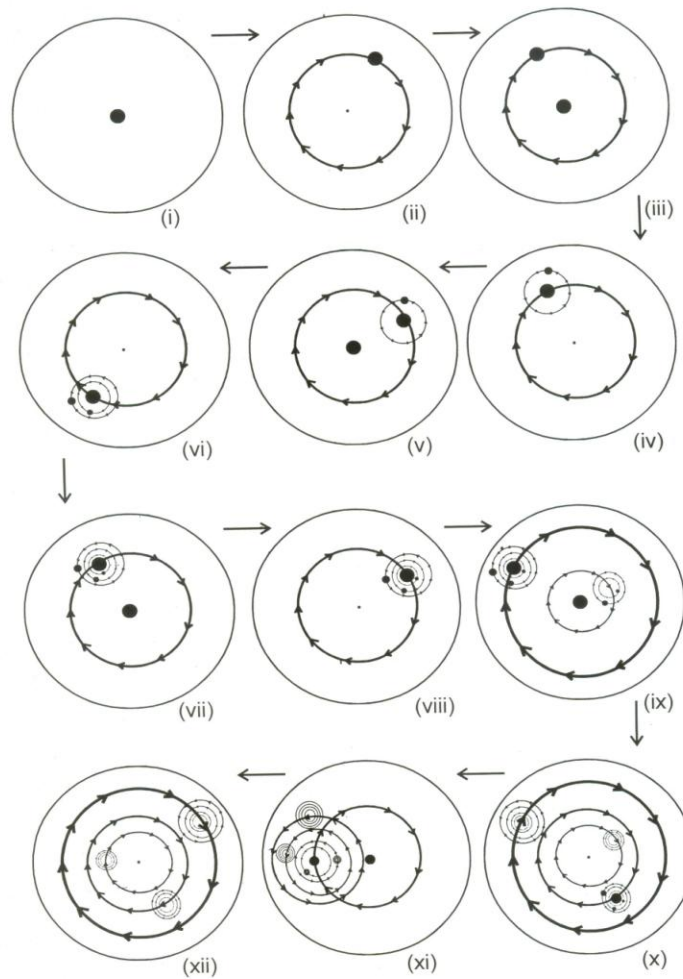


Figure 4 : Creation of a large number of black holes with their galaxy or development of universe.

holes. The same repeating procedure goes on and in next ESE oscillations there again creation begins with same procedure of a large number of black holes. There is continuous creation of a large number of galaxy systems with black hole at center in universe. From figure 4(iv) to 4(x) there is a large scale development of universe making large number of galaxies with giant massive black hole at the center. This is the process of creation by ESE oscillating geometrical structure which goes on in long time and time interval between two creations is very very large. The velocity of this creation process is very slow taking thousand thousands of years. Again the contraction-expansion, inward-outward dragging of matter, twisting-squeezing churning of matter and tighten-loosen all these run according to ESE oscillatory geometrical structure.

8 NATURE AND FUTURE OF SUCH CREATED BLACK HOLES

What is the nature of such created black hole, how they behave and what is their future. What is a black hole and what is the nature of their internal and outer matter? There are many questions about such created black holes. The gravitational structure of such a black hole is just according to ESE structure. The dragging, sucking and ejecting of space, time and matter in a black hole (also in other celestial objects and universe) is not in zigzag manner but very systematic ESE geometrical structure. Space, time and matter in unified form have ESE geometry and in such a space, time and matter the gravitational field continuously oscillate as ESE structure. A black hole eject and suck matter, radiation and sound in the geometrical structure of ESE oscillation and it

Chemical reaction among dark matter particles

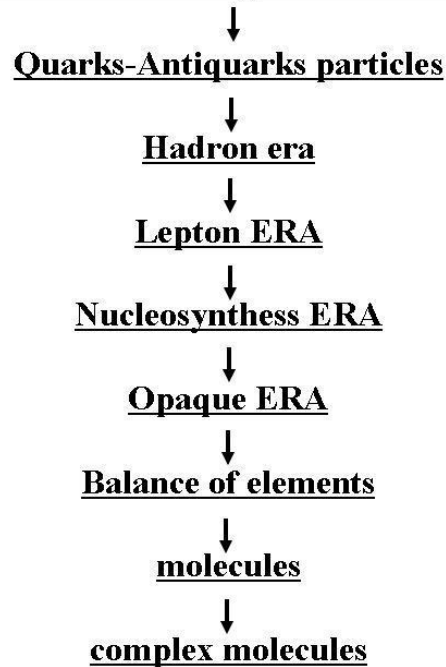


Figure 5 : With creation of first black hole and then each time this is process of nucleosynthesis inside a celestial objects continuously run from initial state to end of a celestial object.

downfall of such gravity

has highest strong gravity in the form of ESE structure and it pulls everything inside according to geometry of ESE structure also eject outward just accordingly ESE geometry. So a black hole which born in a universe of ESE geometrical structure totally behave as the ESE oscillation geometrical structure. The meaning of a black hole is matter with highest pressure in ESE structure. And meaning of galaxy is matter in form of ESE structure and in such an ESE structure galaxy matter is distributed in such a manner that going from outer part to central part the density of complete is distributed in ESE structure. So going toward center there increase of density so much that in center there is highest pressure and the result of this matter convert in just like a black hole. The state of matter in such a black hole with a galaxy is different and much dense relative to the matter in universe. Then matter of black hole is like highly dense quark-gluon particles and the galaxy with this is matter which covers a limit of area in ESE structure. So this is the real meaning of a giant massive black hole with giant galaxy in ESE geometrical structure.

Now ESE structure gravity of a black hole does not remain constant and with time there is continuous systematic

structure. In universe there run a continuous chain of creation under the geometry of ESE cycle and all such created black hole aging fast. Due to tremendous pressure and high density in central area the continuous churning in ESE structure the internal matter of black hole convert slowly in big size nuclear-nonnuclear particles. Hubble images, Chandra and by other sources there are strong proof of ESE structure of black hole. So such created black hole does not remain stable and it breath in such special ESE structure. It ejects radiations, matter and sound of special frequency. The continuous ejection of radiations, matter and sound according to ESE oscillations in future it does not remain a black hole and it is shown by figure 3 the next stages of a black hole. Slowly it convert in different stars, then in gas giants, then in planets, then in moons, then in asteroids and finally it dissolve in universe. The churning of matter in internal chemical reaction convert blue star in a white star continuously goes on just like a black hole. So in center the high dense cloud of nuclear-nonnuclear particles have a very high fusion churning reaction by pressure of ESE oscillation geometry. This fusion start at the time of birth of a black hole among particles of dark matter and continuous reaction make big nuclear-nonnuclear particles. Figure 5 show a primordial nucleosynthesis chain reaction in universe

which become active each time during creation of black hole in the center of universe. The fusion chain reaction start inside a black hole and complete until last stage of a celestial object as in figure 3 these are Moon, Comet and Asteroid. So actually the nucleosynthesis start at each time of creation of a black hole and continuously run from black hole to end of this as shown in figure 3. The continuous downfall of a black hole go on according to this nucleosynthesis chain reaction and due to ejection of radiation, matter and sound until the last stage of a celestial object come and it dissolve in matter of universe. Inside a black hole the progress of this nucleosynthesis go on during conversion of celestial object in the next and final stage come as complex molecules and heavy elements. Then according to figure 5 of nucleosynthesis and also figure 3 the result of fusion make possible continuous downfall by ejection of radiations, matter and sound in ESE structure and time come when a black hole convert in next stages of celestial objects according to figure 3. Here we also want to say that after coming in the state of a stars and in future in sun of black hole it now begin to eject (also pull inside or sucking inside) light, radiation, matter and sound as Coronal Mass Ejection-CME type of eruption. Churning of matter by ESE structure make possible this stage when in stars first type of atomic matter light elements hydrogen and helium come in existence and in next stage slowly heavier elements take existence during Sun, Jupiter, Saturn, Uranus... and in planets. This running nucleosynthesis continuous go on next stages making slowly light atomic matter to heavier from blue star, white star, yellow white star, orange yellow star, red star, Jupiter, Saturn, Uranus... as shown in figure 3 until the final dissolve of a black hole in the dark matter and dark energy of universe. This is the real process of creation and destruction of all celestial objects in universe by ESE structure. So the history and future of each celestial object is just according to figure 3 and the result of long churning of matter in time of convert of a black hole in star, planet, moon, comet and asteroid by long fusion reaction continuous go on until final heavy elements and complex molecules are created shown in figure 5.

9 THE LARGE SCALE RESULTS OF ESE OSCILLATORY GEOMETRICAL STRUCTURE DYNAMO

We have explained the large scale creation and destruction of celestial objects in universe and their nature by ESE oscillation. Now it is clear that all celestial objects and universe do not rotate and also their shape does not remain constant with time. All celestial objects and universe oscillate between two shapes. Their rotating behavior and changing shape have been observed. The result of such an ESE

geometrical oscillation of space, time and dark matter and dark energy of celestial objects and universe come before us as reversal of gravitation field in all of them. So in all celestial objects and universe gravitation field do not remain constant with time and it reverse and also damp as a dynamo nature with time. The time period of ESE oscillation for universe and different celestial objects is different i.e. rate of ESE oscillation is different for each and nature of ESE oscillation also change with different objects and universe. So for all celestial objects and universe the nature of ESE oscillatory structure is not same but from universe and black hole it continuously decreases because this ESE oscillatory geometrical model is highly ideal. For particular object and universe it behave some different. This is actually then a type of gravitational dynamo and for celestial objects and universe basically the theme is ESE but it vary with time and its nature is continuously slowing down as damping oscillation. Then ESE oscillatory geometrical structure is actually a highly ideal gravitational dynamo for all celestial objects. So all celestial objects and universe do not completely oscillate as ESE geometry but it changes nature from upper state to lower state of celestial objects. A black hole oscillates between two different confocal oblate spheroids and it does not completely as ideal ESE geometry. Just same way stars, planets and moons also do not completely follow this ideal geometry of ESE oscillation and oscillate between two different confocal oblate spheroids. In figure 3 this dynamo continuously damped and slowing down with conversion of black hole in another stars, planets, moons, comets and asteroids and finally due to this damped ESE gravity dynamo there is complete destruction of a celestial objects. For our universe as a estimate the rate of oscillation of this ESE dynamo 75%, for a black hole it slow down to rate 30%, for stars it damped more up to rate 20% and for planets it more damped to rate 10% and for moons it slow to rate 3% finally for comets its value decrease to rate 0.01% and then it go on dissolve. Then we can think it as damping rate of ESE oscillatory gravitational dynamo. So this ESE gravitational dynamo damped continuously from black hole to last stage of a celestial object.

There are many upper state universes from our universe. Our universe is under control of a higher universe with other similar universes which also have higher rate of ESE oscillation. This higher universe with similar universes to itself is under control of ESE structure whose ESE rate is more than lower universes. So going from lower to higher and higher universes this rate of oscillation of ESE geometrical structure increases. Eventually the super universe has highest 100% rate of ESE oscillation and has complete ideal state of ESE geometrical structure. Then rate of ESE oscillation decreases from upper to lower universe

and it also along with this damping slowly modify to oscillation between two different confocal oblate spheroids. The super universe creates lower universes by same process as our universe creates giant massive black holes with giant galaxy. The state of dark matter and dark energy also go on higher to higher accordingly higher universes. Here we are using ESE oscillatory geometrical structure term only for convenience but actual rate of this and nature change with conversion of celestial objects in next state.

10 CREATION OF A MAGNETIC FIELD AND ITS REVERSAL

Scientists are trying to find out from a long time what is basically origin of a magnetic field and why it reverses in celestial objects. There come many result of large scale churning of matter in ESE structural gravity. With creation of atomic and non-atomic matter by churning of long chemical reaction of dark matter and dark energy there also comes violent induced effect of ESE oscillation geometry and creation of plasma there comes existence of another field inside celestial objects from black hole. So ESE gravitational damping dynamo due to internal plasma state in stars, planets and moons there also come existence of an another dynamo induced by such a ESE oscillation that we say magnetic field. Just like ESE structure of gravity the violent induced effect create a magnetic field of same ESE structure. Then just like reversal of gravity according to ESE structure this slowly creation of magnetic field in stars, planets, moons and comets also reverse in definite time in all of these and magnetic field reversal dynamo work just accordingly by violent induced effect of gravity dynamo in celestial objects. But actually magnetic field is affected by internal chemical reactions in celestial objects that itself is under control by ESE geometry of dark matter and dark energy.

11 THE LARGE NUMBER OF EVIDENCES OF SUCH ESE OSCILLATORY GEOMETRICAL STRUCTURE

Slowly the nature of ejection or eruption of radiation, matter and sound appear visually much clear after a black hole convert in a star and we can see now light also with this ejection of radiations, matter and sound which begin to come out from this new state of stars and sun. In the state of stars and sun due to also eruption of light with radiations, matter and sound now we see the nature of ESE oscillatory geometrical structure visually very clear. But as visually this effect of ESE oscillatory geometrical structure was not so much possible in state of a black hole and it slowly appear after beginning eruption of light in the state of stars. With this ejection or eruption of light we can now see many symptoms or proofs of this ESE oscillatory geometrical structure from state of stars and also in next state as planets

and moons. Now a celestial object begins to show visually very clear the process of twisting-squeezing, expansion-contraction and tighten-loosing of churning of matter in form of ESE geometry. With such appearing of light after a long darkness now in universe we see evidences of ESE oscillatory geometry structure in much clear effect and now next state of celestial objects after a black hole state. First of all we see Coronal Mass Ejection-CME in very clear visual form of ESE oscillation in stars and sun. From state of stars, planets and moons the next evidences of ESE oscillation that now appear as visually are change in shape as variable oblateness. And then differential rotation, effect of Coriolis force, length of day, earthquake, volcano eruption, Chandler wobble, pole wandering and many other symptoms of ESE oscillation appear in the atmosphere of celestial objects. So now we can see deformation in the atmosphere in stars, planets and moons due to large scale effect of this oscillatory ESE geometry structure.

The dark matter and dark energy is filled in free space of every celestial object and universe from center in ESE structure. Also in center part of celestial objects atomic and non-atomic complete matter is distributed according to geometry of ESE structure. So galaxies are orbiting the center of universe just according to ESE geometry, stars are orbiting the center of a galaxy or black hole according to ESE, planets are orbiting a star according to ESE and finally moons are orbiting a planets according to geometry of ESE structure. So the orbital motion is neither simply an elliptical nor circular but main cause of orbiting is a special type of floating in gravity created by the ESE geometry of dark matter and dark energy.

Then actual cause of orbital motion of a celestial object is that gravity which is created by ESE geometry. The meaning of orbiting according to such gravity is completely different. Orbiting according to ESE gravity is this that in northern and southern hemispheres of a celestial object is clockwise and counter-clockwise in opposite directions. Also orbital motion in one side of a hemisphere is not continuous but up and down according to ESE geometry. So over all meaning of orbital motion is completely different. Universe is twisting-squeezing by ESE geometry then some galaxies orbit clockwise and some counter-clockwise in reverse directions in both hemispheres in free space created by dark matter and dark energy. Applying this twisting-squeezing ESE geometry dark matter and dark energy same way we say just in similar pattern stars, planets and moons also forced to orbit clockwise and counter-clockwise in both hemispheres. What we are talking is retrograde orbiting of celestial objects. All celestial objects and universe are twisting clockwise and counter-clockwise in northern and southern hemispheres in opposite directions and pressing or squeezing on poles by

dark matter and dark energy according to ESE geometry. This creates many different results in celestial objects and universe and this forced to orbit all objects clockwise and counter-clockwise in space of dark matter and dark energy. We can apply this orbital nature gravity theme created by dark matter and dark energy from internal to outer part of every celestial object. The result of such a twisting-squeezing ESE gravity theme not only affect retrograde orbiting but we also see its result on atmosphere as Coriolis force which turn air in opposite directions in both hemispheres. Another result is differential rotation in stars and planets. Then the nature of whole system of universe and also the whole system of celestial objects which all are twisting-squeezing in ESE geometry change in a new look and we observe all result of this by a new gravity as ESE geometry. In such a new look we see retrograde orbit, Coriolis force, curvature in space-time, shearing force in universe and celestial objects, differential rotation, deformation in atmosphere, earthquake, plate tectonic, continental drift all these appear when we apply this new ESE theme completely from center to edge of dark matter and dark energy. So the whole dynamics of celestial objects and universe is in a new looking of ESE geometrical gravity structure.

12 A NEW MODEL OF ATOM AND EVERY PARTICLE OF MATTER

The complete geometrical structure of this universe (also higher universes and super universe) and all celestial objects that are created by this is ESE oscillatory in nature. So the fundamental particles of dark matter of such universe and celestial objects should be also just like ESE geometry. The internal structure of each particle of dark matter is ESE geometry. During the creation of a black hole such particles of dark matter react chemically in high pressure and convert in big particles which are molecules of dark matter. These created molecules of dark matter also have ESE structure. Under high pressure these molecules of dark matter convert in nuclear and nonnuclear particles like quark and gluon plasma. After this when continuous development of celestial objects goes on gradually big particles also come in existence of the same ESE geometry. Finally at a time when there comes existence of light to heavy atoms then internal structure of atom of every element due to structure of universe and celestial objects is also ESE geometrical in nature. The real cause of chemical activeness of dark matter particles, nuclear nonnuclear particles and then also all type of atoms is continuous oscillatory nature in ESE geometry. So this is the main reason in universe and every celestial object

due to induced effect of ESE geometry particles in every state remains active. The model of atom and each particle of matter is really then ESE oscillatory geometrical structure. Hence the whole geometry of space, time and matter is just in ESE oscillatory geometrical structure.

13 THERE WAS NO SUPER CONTINENT ON EARTH

Scientists from a long time trying to answer of the major question that what was before super continents PANGAEA or RODINIA or COLUMBIA or any and they have no appropriate answer of this question. There was no state of super continents PANGAEA (or any like PANGAEA) on earth. Continents were never in joint state like PANGAEA. Then how these continents were formed or how they come in existence? Also how oceans come in existence? The story of creation of continents and oceans is actually resulting of very special, long and different type of churning ESE process in the earth which not only happen with earth but also happens with every celestial object. The history of this special ESE churning process in universe is very long. So we have such question. What is this very common churning process among all celestial objects and who is controller of this process? Nobody knows what was before PANGAEA and why continents were separated in such method? What is nature of that force which was applying continuously to separate lands in such a manner? Basically there is no explanation of this state of super continent state like PANGAEA. The explanation of PANGAEA theory are very limited and it can explain only some of few causes of geology of earth and also very few in solar system. So there was no such drift among continents in history and also today there does not exist any such type of drift among continents. The reality of PLATE TECTONIC is different and what is that real cause of PLATE TECTONIC we are trying to explain here by a large scale universal cause. Then what is cause of such shape of continents and how they come in existence? The logic given by Alfred Wegner that continents shapes like a jigsaw puzzle indicate that at a time they were fit in a single land PANGAEA and then a long separation process go on that is completely wrong because it can explain only some few results and at large scale it give wrong results. The successes of this Alfred Wegner hypothesis are very few and in long time results it totally fails. Mainly the continents and oceans come in existence due to systematic twisting of complete earth globe (that was filled at a time with gases & liquids) in very very long time in northern and southern hemispheres in opposite directions i.e. clockwise and anti-clockwise and at the same time pressing or squeezing of complete globe of earth on poles. Due to this type of twisting-squeezing slowly and long churning process the matter from inner part of earth come out regularly on surface and dry up in different plates.

So the very long such twisting-squeezing churning process separate gases, liquids and solids in very special manner. These dry matter plates take the form of continents and where the land get stuck into or sink there oceans were created. This is the main idea and also reality of origin of continents and oceans proving that there was no PANGAEA. Then what is cause of such jigsaw puzzle shape of continents in northern and southern hemisphere i.e. why shape of South America, South Africa, India, North America are like a jigsaw puzzle.

Again the earth is twisting in northern and southern hemispheres in opposite directions i.e. clockwise and anti-clockwise and at the same time squeezing on poles (Figure 4). So its rotation nature is very special which say that originally it does not rotate and have variable rotation and variable length of day. Due to this type of twisting-squeezing slowly and long churning process matter from inner part of earth come out from equatorial part regularly on surface and dry up in different plates. The actual cause of such jigsaw puzzle shape of continents is due to the very very long such twisting-squeezing churning process that we have mentioned. So when this very long such continuous twisting-squeezing churning process make possible the shape of continents like this jigsaw puzzle then we have many many results and also questions. Matter from inner part continuously come on surface and dry in plates but before dry the continuous force, which some time go forward and some time go backward creating differential rotation, of such a twisting-squeezing churning process move these plates in northern and southern hemispheres between east and west in opposite directions. So In such a twisting-squeezing churning process surface matter feels a moving oscillating type of force between east and west in opposite directions. Then all dry plates move some time forward and some time backward between east and west i.e. in opposite directions in northern and southern hemispheres. Due to oscillating force this continuous movement of dry matter in plates of lithosphere and asthenosphere from east to west and west to east make the shapes just like a jigsaw puzzle. Also at the same time differential rotation running in Jupiter, Saturn, Uranus and Neptune explained by ESE churning is main cause of plate tectonic and continental drift which give such special shape to solid part of earth and main cause of earthquake is this differential rotation created by ESE churning. So there was no such state of super continent on earth and such a continent drift idea is a very illogical idea by Alfred Wegner. Hence the shape of continents in northern and southern hemispheres are not a result of PANGAEA and there do not exist such a continental drift but actually the earth is twisting as oscillating manner in northern and southern hemispheres in opposite directions i.e. clockwise and anti-clockwise and at

the same time squeezing of complete globe of earth on poles. Due to this type of twisting-squeezing slowly and long churning process matter from inner part of earth come out regularly on surface as volcano eruption and dry up in different plates. And this is also the main cause of a new type of CONTINENTAL DRIFTS and reality of movement in plates that we say PLATE TECTONICS. So we have a new and different type of CONTINENTAL DRIFTS THEORY and reality of movement in plates that we say PLATE TECTONICS THEORY. Why we need such a theory of oscillation because the so called CONTINENTAL DRIFTS and PLATE TECTONICS THEORIES are not universal and these theories can explain only some few nature of planets & moon's. On large scale universe stages these cannot be apply and totally fail. So there become an essential such theory of CONTINENTAL DRIFTS and PLATE TECTONICS which can be apply on all celestial objects and also on universe. Now according to our theory of oscillation i.e. such this type of twisting-squeezing process is not only with our home planet earth but it is in whole universe and with all celestial objects of universe.

The evidence which gave rise to the theory of continental drift more correctly called plate tectonics includes the following:

- (1) The coasts of the continents surrounding the Atlantic Ocean could, if the continents were moved closer, fit together like a jigsaw puzzle.
- (2) Living animals in widely separated lands are similar. For example India and Madagascar have similar mammals, which are quite different from those in Africa, even though it is now near to Madagascar.
- (3) Fossil plants in India, South Africa, Australia, Antarctica and South America are similar to each other. This so-called Glossopteris flora is quite different from plants found in other parts of the world at the same time.
- (4) The same applies to fossil animals.
- (5) There are numerous geological similarities between eastern South America and western Africa. Apparent Polar Wandering Paleomagnetism tells us how far from the poles rocks were when they formed, by looking at the angle of their magnetic field. The story told by different continents is contradictory, and can only be explained if we assume the continents have moved over time.
- (6) There are ridges in the floors of the main oceans.

But these evidences are only for some planets and moons whose geology is similar to earth. In general case the plate tectonic cannot be apply on all planets (like gas giants), stars, galaxies, black holes i.e. on all celestial objects and finally on universe. So we need a general theory that can explain with good sequence of geology of all celestial objects and also then universe.

The continuous churning in ESE oscillatory geometrical structure go on from universe to black holes, stars, gas giants and this finally appear in state of a planets just like earth with damping rate. After all gradually this appears as a very special type of churning of dark matter and dark energy, atomic and non-atomic matter as solid-lithosphere and asthenosphere, liquid-ocean water and gases-atmosphere gases in frame of ESE geometrical structure. So just like universe, black holes and stars all planets are also not rotating on its axis and twisting and squeezing in the geometrical structure of ESE. Then our home planet the earth is twisting in northern and southern hemispheres clockwise and counter-clockwise in opposite directions and also at the same time it is pressing or squeezing on poles in very low rate of ESE geometry. But from universe to black holes, stars and gas giants this rate of ideal value of ESE geometrical oscillation continuously decrease as a damping manner and we see more rotation but very minute pulse of ESE oscillation. So this universal ESE oscillation does not remain now in very ideal state after slowly reaching in the state of planets, moons and comets. Then how we can observe the remnants of such pulses of ESE in a planet like earth? There is regular shock of ESE pulse in solid part of earth which appears as earthquake, volcano eruption, variation in length of day, Chandler Wobble, pole wandering etc. Then the earth from long journey of its primordial state of a black hole due to this churning in ESE structure has a very special nature. This is that it is actually not completely rotating on its axis. From a long journey of such a churning under geometry of ESE oscillation after all appear in earth and due to such twisting-squeezing, tighten-loosing, expansion and contraction process it appear as creation of continents in a new and different form. The history and future of such an ESE oscillatory geometrical structure clearly indicate that there was no super continent on earth like PANGAEA, Rodinia or Columbia or any type. The creation of continents and oceans is due to a long churning ESE process which is running in earth in from its primordial state of black hole. There run continuous ejection of matter, radiation, light and sound in ESE geometry and the ejected matter dry in different plates on one to another. So due to this long period of ejection of matter from inner part matter come out and dry in different plates and this make possible such creation of continents. The long process of ejection of matter, radiation, light and sound finally reach in such a state that gradually continents and oceans come in existence in such form in state of earth. We can see this slow forming of continents and oceans in our own solar system. If we note carefully according to figure 3 of future of a black hole then there is a very good and clear sequence. From Sun to Jupiter and Saturn and then next Uranus and Neptune and

then our earth the ejected matter continuously is taking form of continents and oceans we should note this very carefully. Because formation of lithosphere, asthenosphere and inner core process is very long result of ESE and appears as such shape of continents specially reaching slowly from a sequence of Sun, Jupiter, Saturn, Uranus and Neptune after all it completed in state of earth. So we should note result of long ESE oscillation churning very specially in the geological sequence of Uranus, Neptune and earth because continents and oceans take such appearance as formation of lithosphere, asthenosphere and inner core after reaching in such state. Then continents and oceans do not come suddenly in only geological state of earth but these are very long slow by slow result of geological process that continuously run from sequence of Sun then Jupiter then Saturn then Uranus then Neptune and finally the earth.

14 A NEW THEORY OF EVOLUTION

The large scale violent induced effect of such a oscillatory model eventually appear as churning of chemical reaction among organic molecules in leadership of ESE geometry and appear as origin of life. So the very systematic long journey from universe to different celestial objects of an oscillation in ESE geometry structure effect after all appears as a large result of evolution in state of earth. This geometry of ESE churning process now enter in all type of animals, bacteria, virus, human body and also in plants and appear as emerging in every part of life after long chemical reaction of organic compound in very special type structure by ESE leadership. A. I. Oparin discover the chemical theory of evolution and Staneley Miller prove it practically but simple organic molecules chemically react and convert in complex molecules by violent induced effect of such a universal ESE oscillatory geometry structure. Because from universe to smallest particle of matter everything is in violent effect of such ESE geometry so this same ESE operator also after all enter or emerge in the geometry of living organism and appear gradually to make primary cells from simple to complex organic molecules. So the beginning of life on earth was in violent effect of this geometry of ESE. Because each particle of matter, atomic, non-atomic, nuclear and nonnuclear, all celestial object and finally have ESE oscillatory geometrical structure then in early history of earth the chemical reaction among organic molecules also affected by this same geometry of ESE. Gradually this geometry enter in organic compounds appear in simple cell to all type of plants, virus, bacteria, animals. These symptoms of ESE geometry begin to appear from inside of a cell as special double helix shape of DNA. Then with formation of organs it appears as common geometry or similarities in skeleton and in different organs. In plants as branching of leaves and

stems, phyllotaxy, inflorescence, racemose, special shapes of fruits and vegetables these are induced effects of this universal geometry. Some botanists have discovered that some plants turn clockwise and anti-clockwise in northern and southern hemispheres. These all are evidences created by violent induced effect of a universal common geometry as ESE structure.

15 IDEAL GEOGRAPHICAL MODEL-IGM

There are many common and similar things among celestial objects and universe. The earth is deformed and remnant of ideal geographical state and not a good example of ideal geology. What are these commons and similarities? These commons are reversal of magnetic field, variable oblateness, differential rotation, Coriolis Effect etc. On the base of commons among celestial objects we reach on this conclusion that the universe is a highly ideal state of geography. It create black hole in each oscillation and such created black holes are most good version of IGM among other stars, planets. Stars are lower version of IGM relative to black holes but are higher version of IGM among planets, moons and comets. Planets are lower version of IGM relative to black holes and stars but are higher version of IGM relative to moons and comets. Moons are lower version of IGM relative to black holes, stars and planets and higher version of comets relative to comets. Finally comets are lowest version of IGM among all celestial objects. Eventually this IGM end after reaching of a celestial object in state of an asteroid. So the idealness of geography continuously destruct from upper to lower with each state of celestial objects that are black hole, star, planet, moon, comet and asteroid. But the universe is a super model version of IGM. This is complete meaning of IDEAL

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GEOGRAPHICAL MODEL-IGM of celestial objects and universe.

16 CONCLUSION

We have here presented a new and different theory of oscillatory celestial objects and universe and we can say this is a theory of everything. Everything is under effect of ESE oscillation geometry. Because we have presented this on the base of common or similarity among all celestial objects and universe on very large scale by a new idea of oscillation so it is very necessary to apply the complete theme of these oscillations among all celestial objects and universe. This new oscillatory theory is also an effort of unification of all practical, theoretical and mathematical results in different part of science in a single model of oscillation. The future of such an idea of oscillation clearly is bright because all observation, practical, theoretical and mathematical results are going to concentrate in a single theory and they are clearly proved not merely a hypothesis. So we reach on this conclusion that these ESE oscillation theory, Ideal geographical model-IGM and model of dark and dark energy are applicable to everywhere in science. From above it is much essential to develop a mathematical model of ESE geometrical structure, IGM and model of dark matter and dark energy on large scale. Also it is very essential to explain the complete ESE oscillation process as visually by animation and simulation.

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