

1.0 WHAT IS KNOWN AND WHAT IS UNKNOWN ABOUT EARTH

1.1 THE KNOWN

The known is much lesser than the unknown about inner mechanism of our living planet Earth, and there are very few accepted concepts or proven theories to explain what is going on inside of Earth.

Shape of Earth was proven as spherical and that is the only thing accepted confidently with no arguments by about the start of 21st century and all the other explanations of inner mechanics of the planet remain as concepts as yet.

However it is very unfortunate of a thing that man is more desirous of exploring the world at million light years far rather than looking down to observe what is there under his own feet.

Perhaps Galileo’s telescope could be the culprit which could have made this difference in man.

1.2 THE UNKNOWN

Though the so far accumulated knowledge stock is enormous, some fundamental matters and phenomena of Earth remain unexplained as yet. Can you answer any of bellow furnished questions confidently?

- i. What is there about at the core of Earth bellow the magma shell?
- ii. How could Earth’s magnetic poles originated?
- iii. How could Earth rotate about?
- iv. Do you believe that Earth is being grown in size and weight?
- v. Then how could Earth grow in size and weight?
- vi. How could Earth-Moon couple was originated?
- vii. How water is originated on Earth?
- viii. How mountain fountains are created?
- ix. How salt is originated in oceans?
- x. How water related living environment was originated?
- xi. How monsoons change?
- xii. How earthquakes occur and how volcano activate?
- xiii. Why Earth magnetism is reversed periodically?
- xiv. How could grate canyons were born?
- xv. What is the phenomenon behind Bermuda triangle?
- xvi. How could be the tectonic plates departed?
- xvii.
- xviii.

1.3 THE CHALLENGING NEW CONCEPTS INTRODUCED HREIN

When further exploration in to Earth becomes impossible due to the unbearable heat of magma, the explorer has to be changed in to a good thinker of scientific deduction to deduce the things beyond or otherwise things would remain unexplained till the tragic end of human civilization upon the globe.

Time and tide wait for no man and stagnancy of knowledge may lead unprepared mankind in to the peril of unforeseen disasters. Therefore some daring concepts are introduced herein for arguments sake to be a step ahead at least towards improvement of the world sciences.

- I. EARTH IS THE FIRST PRODUCTIVE PLANET IN THE SOLAR SYSTEM
- II. EARTH IS A HOLLOW SPHERE OF VERY LOW PRESSURE AT THE MID CORE
- III. MAGNETIC REVERSAL OF EARTH IS DUE TO PERIODIC REVERSAL OF THE SPHERICAL VORTEX OF CHARGED PARTICLES
- IV. MOON WAS BORN BY THE EARTH BANG

2.0 EARTH IS THE FIRST PRODUCTIVE PLANET IN THE SOLAR SYSTEM

2.1 WHAT IS PRODUCTIVITY OF A PLANET?

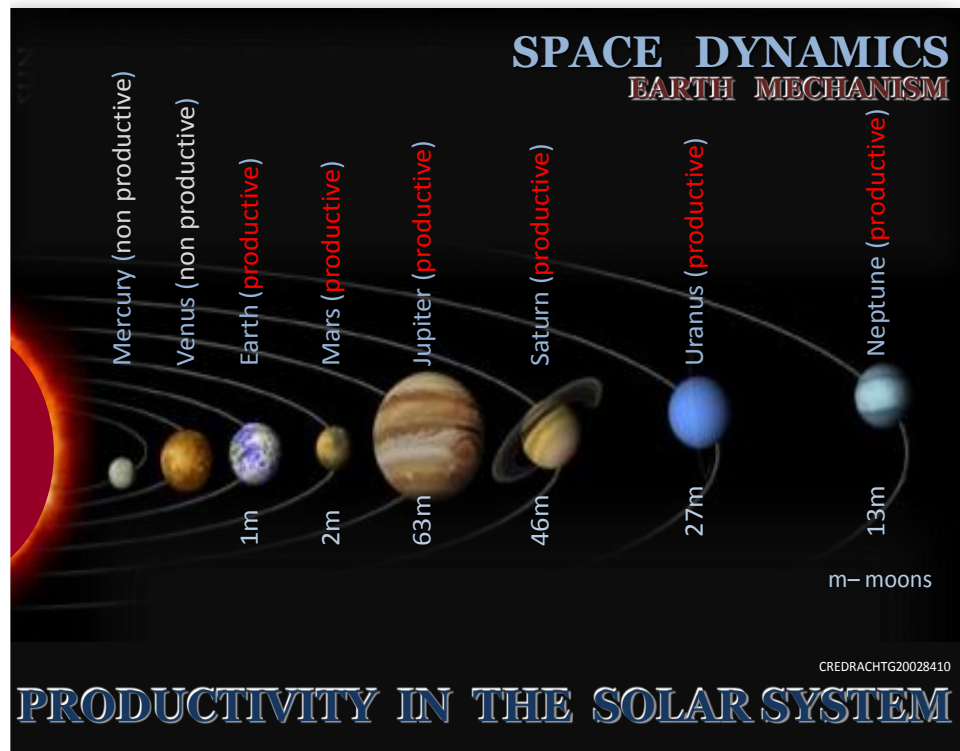


FIGURE-1

2.11

A planet which possesses one or more moons, and rotates about itself being polarized, is recognized to be a Productive Planet. A Productive Planet grows in size and weight with time. The output of the production is surmised to be atomic matter at the mid core low pressure zone due to activation of the Planetary Spherical Vortex of Charged Particles. The vortex could be converted in to centripetal or centrifugal periodically in accordance with the fluctuation of magnitude of the energy flux (charged particles from solar wind emitted by Sun)

2.12

When it is started from Sun, Earth is the first productive planet because neither Mercury nor Venus is productive. They don't rotate about themselves because there is no activation of electromagnetic vortexes in them. All other planets beyond Earth, such as Mars, Jupiter, Saturn, Uranus and Neptune are productive as shown in the figure-1.

2.13

Sun is being lost in weight due to emission of energy particles such as light, heat, electrons and solar wind and a bit of the loss is regained there within the solar system by each productive planet. The escaped emission of Sun is decelerated ultimately due to space resistance and expanded to be still space matter to extend the size of the space while only light particles travel millions light years far. (please refer 'Space Dynamics' / Volume I-2009 for definition and structure of 'Space Medium Matter', 'Energy Matter' and 'Atomic Matter')

2.2 THEORY OF SPHERICAL VORTEX

2.21

Spherical Vortex is the most common phenomenon to be observed in everywhere with no difference either of microscopic or macroscopic level of worlds in the space. When it starts from zero in size, atom is the first example for the spherical vortex of charged particles and a productive planet is the second. Suns in galaxies, white dwarfs, galaxies and black holes are the examples of the macroscopic scale.

However it remained unidentified or overlooked even by the great scientists of the 20th century and as a result, Physical Science was lead towards Uncertainty when they couldn't explain where the Matter and Energy come from and where they disappear in to?

2.22

Perhaps it could be the three dimensional thinking, which everybody is accustomed to, and it certainly hides the fundamental world realities that occur along the axis of the 4th dimension.

The Hubble like 3D instrumental systems of observation can observe only emerge and disappearance of space matter and in absence of the knowledge of 4th dimension, observers are naturally bewildered. (pl await the complete monograph 'Space Dynamics Volume-III' for definition of units along the 4th dimension

2.3 LET US CONSTRUCT THE STRUCTURE OF THE SPHERICAL VORTEX

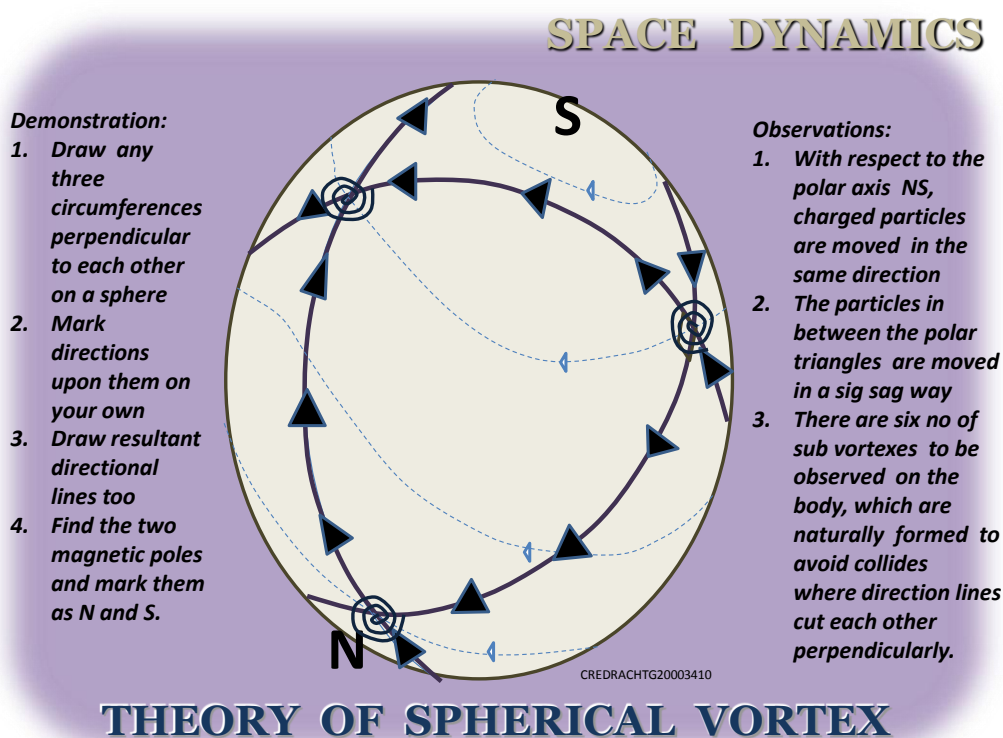


FIGURE-2

2.31

The important feature of structure of a spherical vortex is the dynamic organization of moving charged particles, which is formed to avoid head to head collides among particles.

It is also observed that, all the charged particles are moving as a whole, almost in the same direction around a single axis which is recognized as the polar axis NS. Particles away from the polar regions, move round in the same direction but in more sig sag of a way, as shown in the figure-2.

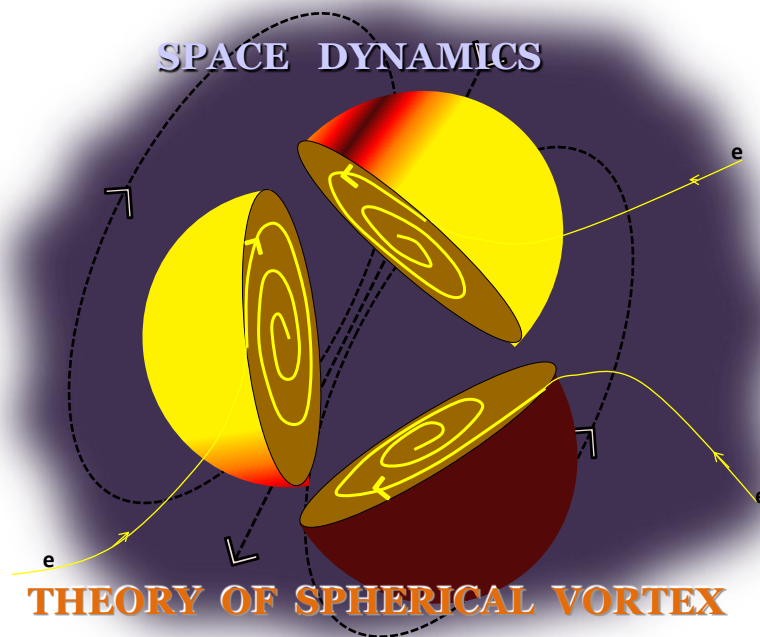


FIGURE-3

2.32 WHY EARTH ABSORB ELECTRONS?

Being a productive planet Earth too is growing in mass due to inner production of atomic matter and the fundamental reactions need energy. Energy matter is absorbed to the core as electrons as shown in the figure-3.

The famous relation for energy conservation, $E=mc^2$ simply accounts for the rate of mass growth in Earth, in consequence of the energy absorption from the space.

2.4 THE SIX SUB VORTEXES OF THE SPHERICAL VORTEX

2.41

The other most important feature is the existence of six sub vortexes there to be observed even from the surface, as explained in the figure-4. It is a common feature and the active sub vortexes should be observed on surface of Sun and gassy or fluidic surfaces of the productive planets in the solar system.

2.42

Where the six sub vortexes of the Earth are located? Except from the two magnetic poles of the globe, the other most electromagnetically active localities are susceptible for the sub vortexes and the Bermuda triangle must be one of them on all accounts of the deduction.

When one or two sub-vortexes are located, the rest can be easily found if the structure of the spherical vortex is plotted upon a globe of the world.

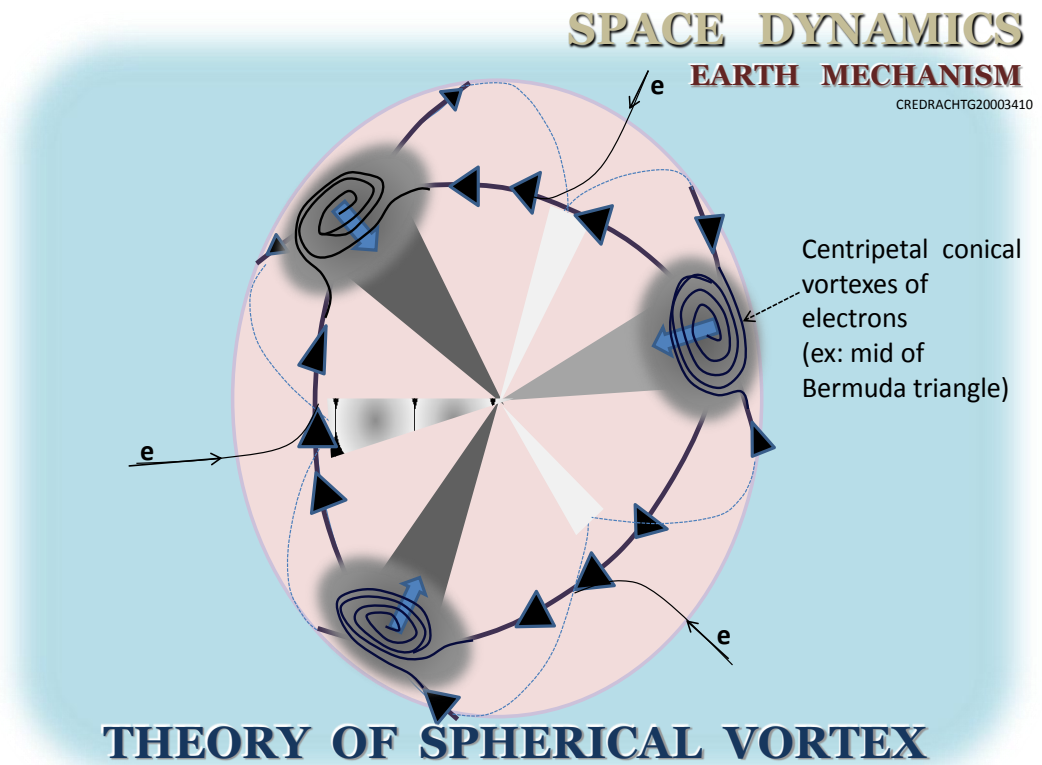


FIGURE-4

2.43

Some important indications in identifying the sub vortexes are provided by frequently activation plates of quakes, volcano, aurora like lighting in some nights, and past records for abnormal weather characters.

2.5 GEO ELECTRO SUB VORTEXES IN THE NORTHERN HEMISPHERE

2.51

Bermuda must be one of them with no arguments about and plotting of the structure of the geo spherical vortex suggests the other two sub vortexes such as one is in the north Pacific and the other is at about the high elevated Tajikistan.

2.52

The geometric north pole and the geomagnetic south pole of Earth are located by the mid of the north triangle created by these three geo electro vortexes as shown in the figure-5.

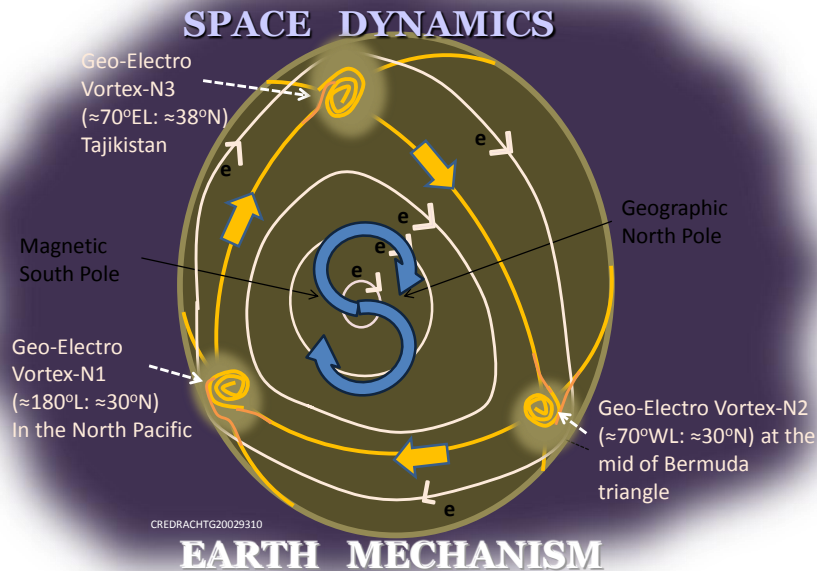


FIGURE-5

2.6 GEO ELECTRO SUB VORTEXES IN THE SOUTHERN HEMISPHERE

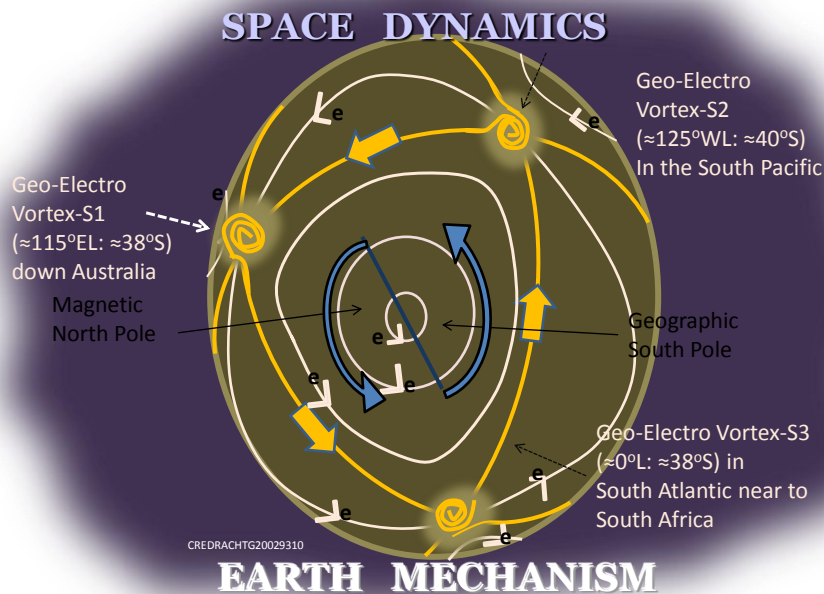


FIGURE-6

2.61

Construction of the geo electromagnetic spherical vortex upon the surface of a globe, shows three sub vortexes in the southern hemisphere. The geographic south pole and the geomagnetic north pole lie by the mid of this southern geo electro triangle.

3.0 EARTH IS A HOLLOW SPHERE OF VERY LOW PRESSURE AT THE MID CORE

3.1 TRAVELLING TOWARDS THE CENTRE OF THE EARTH

This could be a wonderful dreamy journey in to the mid core of Earth along the axis of the 4th dimension. The distance is not much, exactly the radius of the Earth, according to the 3D point of view which we are so accustomed to, but there is a vast distance to reach to the infinitesimal centre of Earth, where the most fundamental cosmic reactions take place.

3.12

Isn't it quite unbelievable to think that Earth is a hollow sphere? You may argue upon Gravitational Logics, that denser matter should naturally be deeper sunken in to the core.

Therefore the denser matter should be expected at the centre. But Earth is empty and your logic is true only for non productive planets and asteroids. All the productive planets in the solar system are like factories which produce atomic matter at the mid core, under very low pressure conditions, created due to activation of the Spherical Vortex of charged particles.

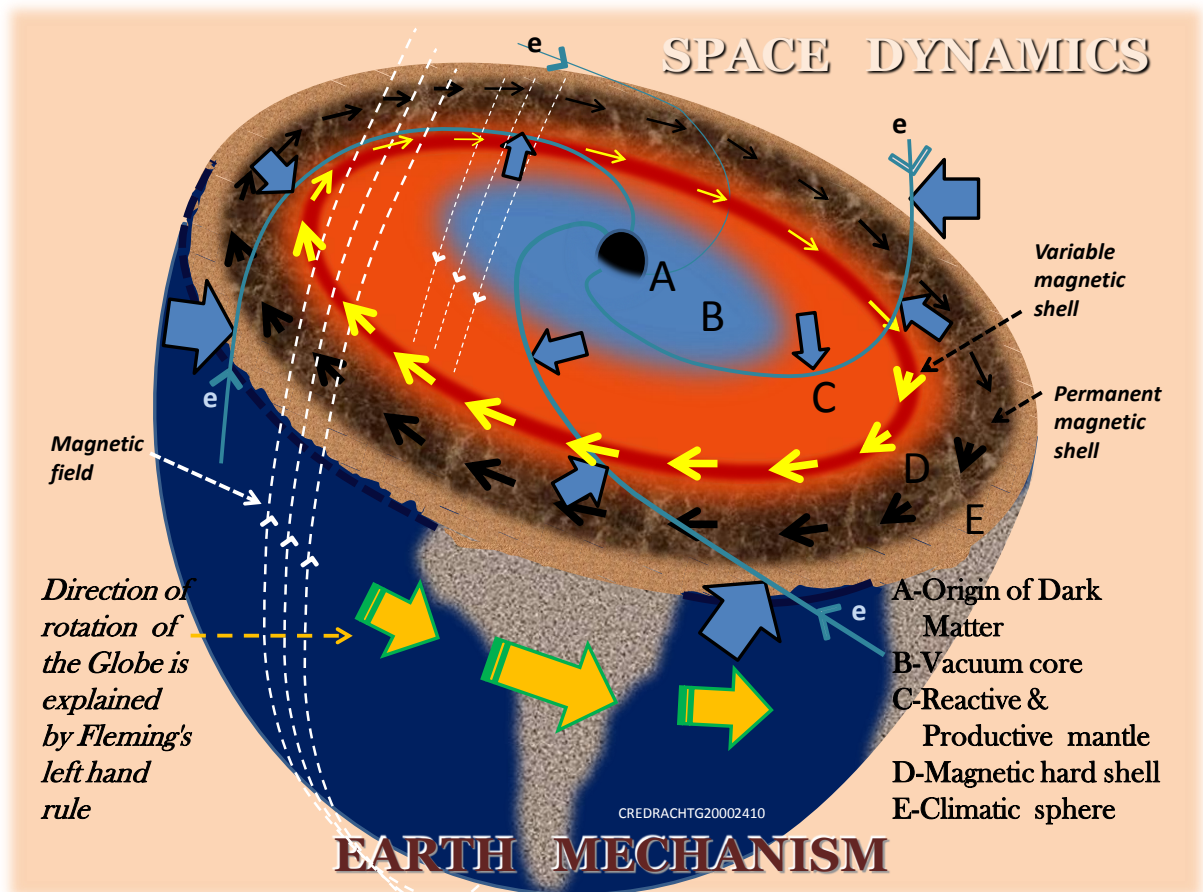


FIGURE-7

3.13

The way how you experience Gravity could be different inside of the Earth and at the center the resultant gravity should be zero. Pressure is immensely dropped due to the activation of the spherical vortex. What is the reaction, which need electrons to happen, under gravity and pressure free conditions?

3.14

‘Energy Matter’ as electrons, in the mighty dynamic organization of the ‘Earthly Spherical Vortex’, disappears in to the mid core in order to participate in the two fundamental cosmic reactions(FCR) in production of ‘Atomic Matter’.

(That production could not be explained alone by either Chemistry or Physics and await Space Dynamic V-III for contraction of atomic matter in to dark matter and so further along the axis of the 4th dimension)

Both aforesaid fundamental cosmic reactions take place one after the other periodically in a productive planet and the phenomenon, ‘Geomagnetic Reversal’ is the due ultimate result. The two fundamental cosmic reactions are such that;

3.15 **The 1st FCR**:- Energy matter, (Electrons), are contracted in to the dark matter(Neutron mass)at the infinitesimal earth center (the center could be reached only along the axis of the 4th dimension with a scale drop). Earth is currently undergone by this age of storing energy as dark matter at the centre.

The equation could be deduced in to;

$$\Psi e + \Delta k = n$$

where,

$$\Psi = 1840$$

e = electrons

n = neutrons

Δk = kinetic energy

This is the fundamental reaction could also be expected at the mid of contracting galaxies(black holes), red giants and white dwarfs. (pl ref Space Dynamics V-I). This is in other words a phase transformation of ‘Energy Matter’ in to ‘Atomic Matter’. Neutron mass can be considered as the initial form of the atomic matter.

3.16 **The 2nd FCR**:-Dark matter at the mid core is expanded in to atomic matter. The reaction is simply the exploration of neutron mass(the dark matter), under growing pressure conditions, to create hydrogen (atomic mass), building up the Universe. (pl ref. Space Dynamics-V-I)

$$n = p + e + \Delta V = \text{Hydrogen}$$

where,

p= proton

e = electron

n = neutron

ΔV = Volumetric energy

3.17

Hydrogen at first and ultimately the production is magma with all the other necessary elements and compounds through a long term gradual core process, to create a fresh Earth again for livings.

4.0 GEOMAGNETIC REVERSAL IS DUE TO PERIODIC REVERSAL OF THE GEO SPHERICAL VORTEX OF CHARGED PARTICLES.

4.1 CONDITIONS FOR REVERSAL:

The **1st FCR** can be continued at the centre of a productive planet even during a long period (ages) unless the flow of charged particles (electrons) received from solar wind is remarkably disturbed.

4.11

There are two possibilities which may reduce the flow of electrons coming to Earth for the fundamental reaction such as;

1. In case, a nearing productive planet absorbs the flux before reaching to Earth.
2. In case atmosphere of Earth becomes unable to be ionized for absorption of charged particles from the space.

The effect under the first case is very rapid and the reversal could take place all at a sudden. But in the 2nd case, the change takes place gradually.

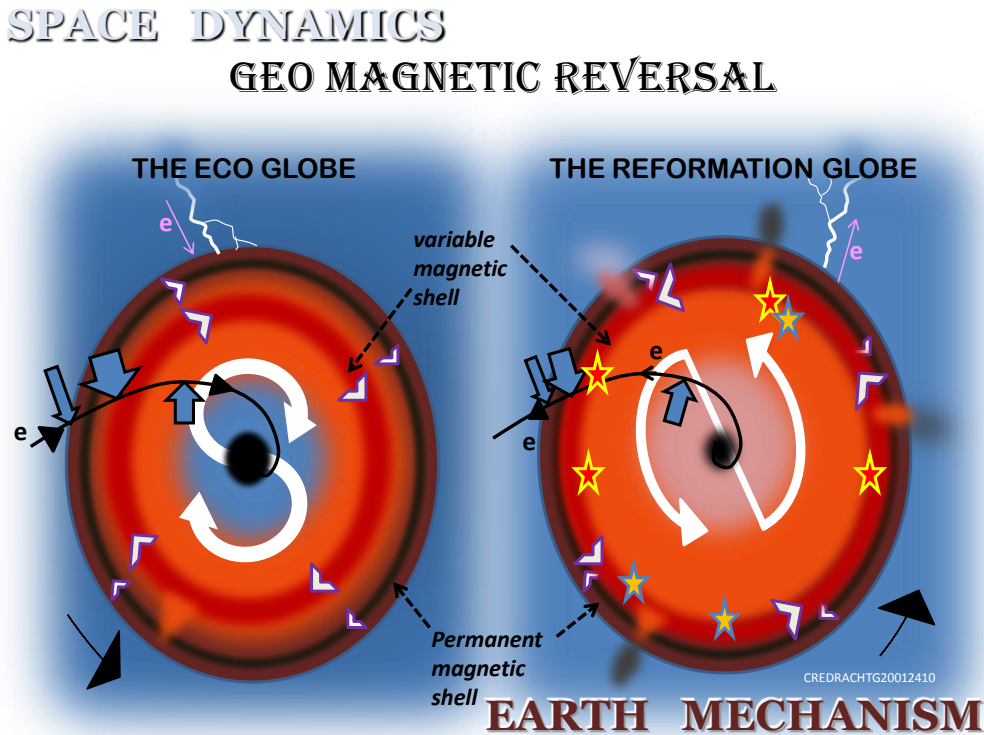


FIGURE-8

4.12

As shown in figure-8, energy is stored as dark matter at the mid core in a highly dynamic vortex.

Dark matter is nothing else but neutron mass which doesn't exist other than under zero pressure conditions created in a very dynamic vortex. In other words, dark matter too is again the atomic matter in the world of the dropped scale. (pl await Space Dynamics V-III for the concept of 'Moola Scale Drops', 'Moola Gravity' and the 'Depth of the 4th Dimension').

4.13 DARK MATTER THE BEST STORE OF ENERGY:

However the dark matter is the best store of energy in the space and it starts expanding in to hydrogen mass under growing pressure conditions. That is how galaxies are created in the macroscopic scale of the Universe.

In contrary galaxies are contracted back in to the dark matter, or so further in to almost nothing, when expansion exceeds the limits of expansion.

4.14 WHAT IS NEXT ON EARTH?

When the flow of energy flux that comes from Sun to activate the geo electro vortex, becomes not adequate, pressure goes up and the store of dark matter at the mid core, begins to explore by reversing the vortex.

Then a mighty flow of electrons is released back as energy and the planet shall reject the flux of charged particles that comes from Sun. Strength of geomagnetic field shall drop then because the fixed rocky magnetic shell acts in against of the reversed inner magnetic shell.

Volcanic activation shall be violent in the mantel with old and newly emerging ones and tectonic plates should apart due to rapid expansion of the magma shell.

With all indications, Earth is imminent of a magnetic reversal and the alarm cannot be too late or too early.

4.15 WHAT IS MOST IMPORTANT?

Atmosphere is the most important organ to have a control upon because it plays the main role in absorption of the charged particles from solar wind. Those energy particles are absorbed and developed in to electrons in the ionosphere and transferred to the layers below. The function is further supported at the mesosphere where ozone occurs and the percentage content of water vapor in the troposphere expedites transferring the stock of electrons to the ground as lightning strokes.

4.16 RECOMMENDATION:

Therefore conservation of the properties and proportion of the important atmospheric components is recommended as a measure of delaying the forthcoming geomagnetic reversal.

- **EARLY WARNING [PL-E/2] – imminent Geomagnetic Reversal?**

According to the categorization of planets in the solar system, Earth belongs to the productive group of planets and with all indications the next magnetic reversal is imminent. The 2nd Fundamental Cosmic Reaction (2nd FCR), the mass production of atomic matter in productive planets, has to be started with reversal of the 'Geo Spherical Vortex'. As a result, the globe may undergo a period of rapid (but gradual) expansion due to the growth of inner mass and the tectonic plates shall be more departed.

The change shall be initiated at any moment with a remarkable drop of the flux of the charged energy particles (that comes from solar wind) to Earth or due to increased inability of our atmosphere to absorb them.

Majority of Lightning strokes shall start beating from ground to sky as the best indicator of the change.

In face of such a vast global climatic and weather change, only the most fitting varieties of plant and animal species shall remain with a few human beings, those who would survive in highland caves at vicinity of water, in order to start the next Human Civilization from Zero.

5.0 MOON WAS BORN BY A BANG OF THE PROTO EARTH**5.1 ORIGIN OF MOON BY THE EARTH BANG**

A fragment of the crust of proto-Earth was projected out to form the Moon due to a sudden expansion of the core, which took place at the activation of the inner 'Spherical Vortex' of charged particles, which could also account for polarization and spinning of the planet.

Planetary Bangs in a Solar System are due to a common phenomenon which makes planets produce atomic elements in the core by absorption of solar energy from the space.

(The scientific deduction upon origin of Moon has already been published and the link is furnished under references at the end of this monograph.)

5.2 BIGGEST DANGER IN A MAGNETIC REVERSAL

A magnetic reversal of gradual changes could not be so harmful upon the living global ecosystem and according to the findings, Earth have had several of them in different ages.

But inconsideration of the possibility for a sudden expansion of the earth core, a similar situation, as explained under 5.1 can be expected. It is a natural phenomenon in a solar system that Moons are given birth by productive planets under situations of sudden expansion of the core.

Perhaps productivity of a planet too, could be permanently held up in the change, if it fails to catch hold the atmosphere during changes. Mars has set itself the best example for such an unfortunate incident in the solar system, which could have occurred at a magnetic reversal.

6.0 CONCLUSION:

Scientific Deduction is an art of analyzing things with an open mind without being a prisoner among accepted theories and concepts.

Man makes tools ever since Stone Age, to ease his living and to measure the world for new knowledge. But unfortunately at present he becomes a tool of the tool that he made and also becomes a prisoner of Knowledge that he has gained.

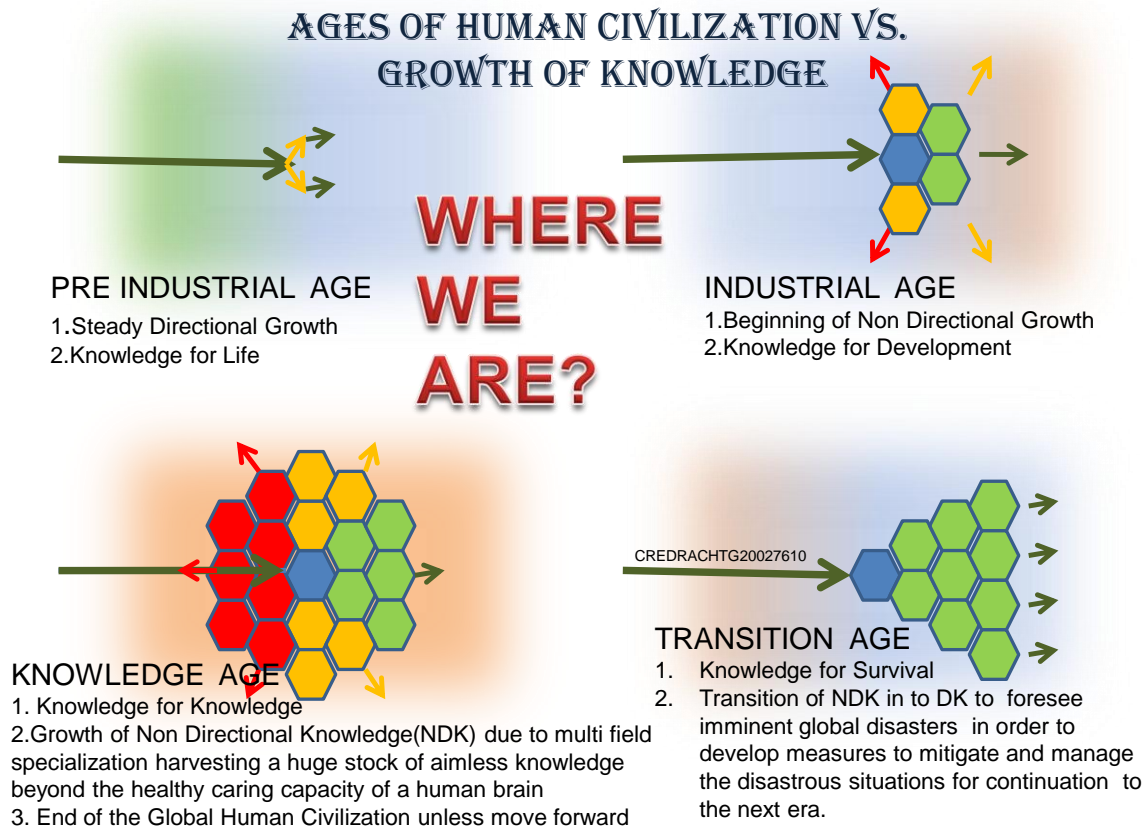
Field specialization in to thousand and one branches by about the 21st century has created another bomb like thing, '**Non Directional Growth of Knowledge**' which may paralyze the frontal mobility in the historic march of Global Human Civilization.

Therefore our explorations must be inclined in the direction to trace **where we are** and to raise early warning of forthcoming peril which is about to end up the Global Human Civilization.

Specialists in all different fields of study in the world such as, Physicists, Chemists, Biologists, Environmentalists, Philosophers and Sociologists etc. are expected to contribute their invaluable inputs towards:

1. Setting of a **Global Vision** for saving the **Human Civilization** from imminent disasters
2. **Mindset Diversion** to build up a **United Mission** to meet the set **Global Vision**
In the aim of;
 - I. **Forecasting** of forthcoming perils upon the **Global Ecosystem**
 - II. **Prioritization** of threats and **Early Warning**
 - III. **Combined Effort** to set disaster **Mitigating Strategies** and **Safety Measures**

by the name of **Continuation** of the **Global Human Civilization** for next era.



A comprehensive study of Earth alone is adequate for an explorer, if interested, to understand the whole Universe and to explain 'How all that happens'.

But at the end, the explorer will find, he is just at where he started, without finding a good reply for his kid's question 'Why all that happens?'

END

by

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