

Ecological Research

Zhe Yin, Hailong bie, Wenjing zhang

Abstract— This paper infer to the earth's change rule in the future ,derived from the change rule of the universe planet.And put forward that biology plays a supplementary role in the process of the earth changes,and the future trend of biological and the complete process of the mission.Finally it is concluded that the only way to reduce climate change and natural disasters.

Index Terms—Ecology, planet rule, gravitational waves, Ecology theorem, environmental change.

I. INTRODUCTION

The universe is a big energy field, the material and electronic is the form of energy.they are both absolute energy conversion process.And the current energy stage is relative balance,so they are just change according to certain rules.

The paper state that the change cycle and scientific basis of planet , lead to the rule of the earth's ecological change and the only way to reduce natural disasters (not resist nature).

II. ZHE YIN'S PREPARATION OF AXIOMS AND THEOREMS

Axiom 1 : The universe is made up of energy , The necessary and sufficient condition for the relative stability of the universe is uniform geometric distribution of the energy of a galaxy.[1]

proof : 1) The universe is made up of atoms, and the atoms are made up of atoms and electrons. Either quantum mechanics or atomic energy's opinion think The atom represents a certain energy, an atom is composed of energy, and the universe is composed of energy.

2) The greatest characteristic of energy is the characteristic of tending to equilibrium. Energy tends to be balanced with energy transfer. A galaxy is the smallest unit of energy in a single energy return point.

3) According to the balance and conductivity of the energy unit (Galaxy), the energy of the galaxy is equal to that of the others. The sufficient and necessary condition for the equal and stable energy of independent galaxies is to satisfy the uniform geometric distribution.

The energy is measured by the quality, density, temperature, and kinetic energy of the independent unit or independent group. The geometric distribution can't be observed because a lot of non luminous galaxies can't be Observed.

Axiom 2 : Necessary and sufficient condition that the planets are spherical is their rotation and Revolution (and rotation planes meet the orbital planes) , or the planet is a

satellite's satellite while it is a satellite (and the two orbital planes are intersecting).[1]

proof : 1) A sufficient and necessary condition for a planet to be a sphere is the force back trajectory is a point(centre of sphere).

2) The rotation and Revolution (and the rotation of the tangent plane and the orbital plane intersecting) planet's rotation regression straight line trajectory and revolution return trajectory lines intersect at a point.

3) The planet itself is a satellite and a satellite of another satellite (and two orbit planes intersect), that is, the two regression lines intersect at a point.

Axiom 3 : The universe is an energy vector field. The rotational motion of the galaxy leads to the gravitational waves power from the south to the north (energy vector).[1]

proof : 1) The universe is composed of relatively independent galaxies.

2) The direction of motion of the planetary regression plane in each galaxy is counter clockwise (observed from north to South).

3) The rotational kinetic energy of the planet produces an electric field and a magnetic field, resulting from the south to the north of the gravitational waves force (energy vector).

Theorem 1 (Existence theorem) : There are two points , A and B. A is the gravitational field of the source. B is a point in the gravitational field. The necessary and sufficient condition for the existence of gravitational waves at B is the existence of energy rotational motion at A. (Including a neutron, an atomic nucleus, or a planet) . The direction is the direction of B in the direction of the tangent line , whose limit of convergence is point A.[2]

Proof : Set the distance between A and B is r , if A and B are static , there is only a physical quantity "distance r " , there will be no waves. When and only when the rotational motion can generate speed and energy. That is, the velocity of B (V_b) has a function relation with the angular velocity of A ($d\theta$).

$$V_b = f(d\theta, r), \text{ when } \Delta t \rightarrow 0 \text{ and } \Delta \theta \rightarrow 0 ,$$
 then we have

$$V_b = \frac{dr}{dt} = \lim_{\Delta \theta \rightarrow 0} \frac{[f(\theta + \Delta \theta), r] - [f(\theta), r]}{\Delta \theta} ,$$

That means A is the source of gravitational waves , B is in the field of the gravitational waves emitted by A.

Theorem 2 (Stability theorem) : A is the source of gravitational waves. B is a point in the gravitational field of A. The sufficient and necessary condition for the existence of a stable gravitational wave at B is :

$$\frac{dr}{d\theta} = b, \quad (b \text{ is a constant}) \quad [2]$$

Proof derived from theorem 1, we have

$$Vb = \frac{dr}{dt} = \lim_{\Delta\theta \rightarrow 0} \frac{r(\theta + \Delta\theta) - r(\theta)}{\Delta\theta}$$

The necessary and sufficient condition for the stability of gravitational waves is the velocity stability at B.

The necessary and sufficient condition for the stability of the velocity at B is the stability of the angular velocity of A.

The necessary and sufficient condition for the stability of the angular velocity of A is that the angular velocity of A is proportional to the velocity of B. That means

$$\frac{Vb}{d\theta} = \frac{dr}{d\theta} = b, \quad (b \text{ is a constant})$$

We have $b\theta$, (1)

Formula (1) is the equation of gravitational waves , which is trajectory of gravitational waves.

Corollary of theorem 2 : If a gravitational wave trajectory to satisfy the Archimedes spiral, the gravitational wave must be stable.

We have $r = a + b\theta$.

Where r is the distance from A to B , A is a spiral length from A to B , b is the distance between the spirals.

Theorem 3:Earth's interior direction of the force is the Earth's surface, the Earth and the Earth's surface are all substances with a wave source. Object around earth(not ground) only influenced by earth waves (the pressure generated by earth's gravitational waves) and sun gravitational waves.

Electrons themselves are uncharged, and only when they are around the nucleus are they be charged. The mass ratio of electron and nuclear is too large, we argue that the electron is the energy point or wave source point of "no quality".

The universe is an energy field full of electrons. Rotating electron flow is a wave source of gravitational waves (energy source), and gravitational waves transfer through cyberspace.

Rotating collection of quality is also a wave source of gravitational waves. Because rotations of the planets in the universe produce gravitational waves, the universe is filled with gravitational wave. Quality collections are the wave sources of gravitational waves, and transfer waves in cyber space.

All collections of mass are collections of energy, wave sources, and the center of rotation of electron flow is the wave source (energy source).

Wave source is the energy source.Objects are the gravitational wave sources, and also are the energy sources, energy collections.

Fluid substance is the wave field, and also is a collection of energy. Electronics is the largest element of buoyancy and quality ratio in any fluid field.

Theorem 4 : The necessary and sufficient conditions of energy conversion in energy field is the energy field is variable filed, which means the derivative of force is not zero.

Proof : According to the impulse law, the necessary and sufficient conditions of variable field is the shift field.

the necessary and sufficient conditions of shift field is that the electronic variable speed movement is an uneven movement.

Uneven field potential results in potential difference. Potential difference is the source of all generation of energy.

III. ZHE YIN'S ECOLOGY THEOREM

Theorem 1:The direction of the earth change tend to solid sphere.And energy density increased gradually by receiving gravitational wave,and occur nuclear reactions to release energy, then make energy aggregation and cycle again.

Proof :

1) The universe is a big energy field of gravitational field (axiom 1).According to the theorem 1, 2, and 4, gravitational wave is variable field of energy, which is energy generation process.And energy conversion happen at every moment lead to the change of the earth.

2) According to the axiom 2, the rule of the earth's movement decides that change direction of the earth is a sphere.

3) The mercury are curing, earth tend to sphere, moon is similar to sphere, the sun emit gravitational waves of light by nuclear reactors .

4) The inside earth meet the principle of co planarity and symmetry when the earthquake happened [4].

5) The outside earth tend to sphere balance through the air, rain, fog, haze, biological movement.

Theorem 2: The water is the foe of gravitational waves, gravitational waves can't change the characteristics of the water.Other material receive the energy of gravitational waves, so that the density increase gradually (such as fossil).

Proof:

1) Quality of hydrogen atom is the smallest, and the oxygen oxidizing is stronger, and so stable, therefore, water molecules evaporate to 100 degrees Celsius ,and get rid of the entanglement between hydrogen and oxygen atoms to 1000 degrees Celsius.

2) The water is transparent and most of gravitational waves penetrate it,,but the energy of water is limited .Otherwise,the temperature of Earth is stable and balanced by rotation.

3) The gravitational field can not change the chemical change of the water.

Theorem 3 : All creature's mission is to use water to complete the Carbon hydration process,in order to exhaust the water on the earth.

Theorem 4: The earth's water cycle is that the water connected the cracks of earthquake under the sea.During the seismic activity that the earth tends to sphere,the water go into the mantle.Part of which broken down into hydrogen and oxygen, other part of which form the new fresh water flow to the earth's surface, or into the groundwater. The volcano is

not the bottom of the sea water entry.All rivers source is the past crater, connected to the bottom.

All of the basin are the entrance of the sea water in ancient times, now the basin 、trench. Have the entrance area of earthquake for into the water.

Theorem 5: The earth's gravitational waves produce surface pressure which determine the level of groundwater.High level is drought, low level is moisture, wetland elevation is close to zero.

Theorem 6: All living things tend to move towards the direction of the low-lying plains, offshore.

For thousands of years ,several country's capitals move to the east ,for example, China, the Korean peninsula and Japan ,it is for this reason.

Theorem 7: Plants grow up, because of the sun's gravitational waves.

Plant metabolic system is not affected by the outside atmospheric pressure in constant pressure system.According to the law of gravitational waves, the earth's gravitational waves play a role in horizontal plane,to ensure all kinds of molecular concentration balance.The sun's gravitational waves play a role in the longitudinal direction, to ensure that the metabolic cycle.

Theorem 8:(Theorem of Metabolic Dynamics): Within the closed bio-isobaric cell system, metabolic dynamics refer to other gravitational waves forces apart from gravity(do not accept atmospheric pressure).Because gravitational waves generate a potential difference.

IV. CONCLUSION

And put forward that biology plays a supplementary role in the process of the earth changes,and the future trend of biological and the complete process of the mission.Finally it is concluded that the only way to reduce climate change and natural disasters.

It is interesting that human accelerated the development of nature, shorten the length of the survival time.To reduce natural disasters, the only way to protect the environment is a spherical mass distribution of the earth and water balance.

REFERENCES

- [1] Zhe Yin, and Liu, D.X. (2016) Analysis of the Relation between Sun Motion Law and the Change of Earth's Environment. *International Journal of Geosciences*, 7, 249-256.
- [2] Zhe Yin, Dongxu Liu ,Causes of sound wave on the moon , *International Journal of Engineering and Applied Sciences (IJEAS)*, Volume-3, Issue-2, February 2016,56-58.
- [3] Zhe Yin , Yunfei Guo , Maosheng Lai , Analysis of Climatic Change from Energy Perspective,*Procedia Environmental Science*,Vol.11,Part A,2011,pp:245-249.
- [4] Zhe Yin,The Co-Planarity and Symmetry Principle of Earthquake Occurrence,*International Journal of Geosciences*,2010,pp:38-43.



First Author: Zhe Yin, (1963) Professor, Master Instructor, Mathematics Department of Yanbian University, China.
JILIN PROVINCE, VICE CHAIRMAN OF MATHEMATICS ,CHINA.
JILIN PROVINCE, EXECUTIVE DIRECTOR OF INDUSTRIAL AND APPLIED MATHEMATICS ,CHINA.