The Real Universe Model: Constantly Expanding and Constantly Compressed Universe Theory

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Abstract—The developed real universe model explains the objective solution of the problem of cosmogony - the universe, antiquity, solar system, planets and their satellites the origin and development, as well as their structure and chemical composition. At the same time, the objective reasons for the formation of water and life in the solar system are given in my previous theory [1].

Index Terms—Universe, Anti-Universe, Big Bang, Expanding, Shrinking.

I. INTRODUCTION

The fact that a number of problems in modern cosmology are still controversial is a major obstacle to the development of this science. This is explained by the fact that modern misconceptions have not been abandoned. The materialist scientific ideas about the universe of great sages and philosophers of ancient Greece and elsewhere have not been taken into account. Just as in Ptolemy's theory before Kepler and Copernicus who became dogmas about the origin, development, and structure of the universe, the study of the origin, development, structure, and chemical evolution of the universe can be the key to accelerating the solution of these problems.

II. METHODOLOGY OF MY RESEARCH

Based on my fundamental theoretical research, both in my first theory, "The Theory of the Origin of Water in the Solar System" [1], and in "the Model of the Real Universe, a Theory of a Constantly Expanding and Constantly Compressed Universe". It is a methodology to stimulate my research by analyzing the conclusions of great philosophers in the last six thousand years in the fields of astronomy, astrophysics, and cosmology and the Earth sciences in general, based on Aristotle's theory of fluent scientific logic. I have also chosen the method of taking advantage of what materialist thinkers have said up to the date.

III. A LOOK AT THE HISTORY OF THE DEVELOPMENT OF COSMOLOGY AND SCIENTIFIC EXPLANATIONS OF ITS DEBATABLE FACTS

As a physical discipline, cosmology studies the origins, evolution, structure, and chemical composition of the universe while it passing different stages when the universe

was being filled with plasma, atoms, and matter, creating galaxies and other forms of matter.

Various models were put forward before the idea of the creation of the universe by the Big Bang. One of them was put forward by the English cosmologist E.A. Miln (1896-1950). The model of the universality of the universe was called Milne cosmological principle. Einstein, who noted the equal distribution of matter everywhere, preferred the cosmological principle too.

Three famous astronomers in England, G.Bondi, T.Gold and F.Hoyle, considered that this cosmological principle was incomplete. That is, according to the usual logic, the universe should look the same everywhere and at any time. They called it the perfect cosmological principle. They believed that the Big Bang was a fabrication. They accepted the expansion of the universe. They claimed that the universe had always existed and would never have an end. However, they did not accept that the universe had a beginning.

It is a red shift in the spectrum of galaxies that proves the expansion of the universe. The red shift was first discovered by the American scientist Slyfer. The distinction of galaxies was first discovered in 1929 by the American scientist Hubble through direct observation.

In 1916, Einstein proposed the General Theory of Relativity. In 1917, W. de Sitter (1872-1934) showed that the equations of the General Theory of Relativity could be applied to the ever-expanding universe.

Finally, G. Gamov (1904-1968) developed the theory of "cosmic egg" and called it the Big Bang. Gamov calculated that if the Big Bang took place, we would have to observe residual (relict) radiation in the region of 2.7 Kelvin. Indeed, in 1964, Henri Penzias (1933) and Robert Wilson (1936) accidentally observed this "residual" radiation in the solar system. However, neither they nor other scientists are aware that the still observed "residual" radiation is the "residual" radiation left over from the explosion of a giant star in the solar system. Because the origin of the solar system was unknown until my research. Even A. Penzias and R. Wilson were awarded the Nobel Prize in 1978 for this discovery, which is considered one of the greatest discoveries of the twentieth century.

Thus, neither the facts in cosmology we have briefly considered, nor the cosmological idea of the Great Truths stated before our era, are enough to say that no scientist has yet been able to properly assess the origin, formation and development of the universe. The facts that the above-mentioned ancient philosopher Fales Miletsky said in 624-548 BC that "the universe periodically emerges from the

beginning and is again immersed in it" and that Aristotle's great idea of, "Only then can you know the essence of things when you know their origin and development" prove that the great scientific ideas of the authors of our last civilization, which dates back to 13,400 years of history, is most likely a scientific approach inherited from many civilizations before us.

After all, science now knows that every 26,000 years, as a result of small cataclysms on Earth, life begins anew.

In conclusion, it is clear from the above facts that the theory of the origin and formation of the universe as a result of the Big Bang is a scientifically misguided approach. We have proved that the Theory of "Constantly Expanding and Constantly Compressed Universe" is the real theory of the "Model of the real Universe." Dear theoretical scientists! After all, I base all these ideas on Aristotle's theory of fluent scientific logic.

IV. FUNDAMENTAL PRINCIPLES OF COSMOLOGY

1. According to the first cosmological principle, we have created, the universe is eternal, boundless, and it is constantly expanding from its original primordial high-density and high extreme large mass state at critical temperatures, formed by the Big Bang (the temperature of the energy released in this case is also billions and maybe trillions), and periodically returning to its original primordial high-density and high extreme large mass state forms.
2. According to the second cosmological principle, in the initial moments of the formation of the universe by the first cosmological principle, the process of formation of matter and antimatter from its quark-gluon state - from baryon and antibaryons at high temperatures took place and the extreme energy released in these Big Bangs is being used to form, develop and maintain our universe and the anti-universe.
3. Evidence for the origin of antimatter from antibaryons is the observation of the hidden mass (obscure matter) and its energy in the cosmic vacuum even today. Thus, the fact that the energy of the cosmic vacuum is much greater than all other energies proves that the amount of antimatter in the universe was many times greater than that of antimatter when it was formed from antibaryons, thus proving why the amount (density) of antigravity energy created by anticancer in a cosmic vacuum is so high. Another fact that proves the paradox of the hidden mass is that the objects that divert the light beam of the objects passing nearby or at the distance due to their anti-gravity are called gravitational lenses. In fact, they are anti-galactic objects made of anti-gravitational material.
4. According to this cosmological principle, matter and antimatter formed by the second cosmological principle ensured the creation and expansion of the universe and antiquity by filling the universe. This means that the annihilation, which has repeatedly been in large quantities, has not destroyed the substance, but only pushes it away.

5. The anti-gravitational force of antiquity forces our universe to constantly push and expand, so groups of galaxies are constantly **600 km/s** moving away from each other [2]. Therefore, the fact that our universe is constantly expanding and constantly shrinking - the fact that it is co-created with the anti-universe, and that it is also compressed - also confirms the structure of these forms of matter.
6. So, in parallel, the creation and development of our universe and the anti-universe continue periodically, piecemeal, and the laws of mass and energy loss and transformation are strictly observed.
7. The connection and transition between the universe and the antiquity is forbidden and impossible, because they occupy separate four-dimensional systems of space, that is, the connection and transition between our universe, which consists of space, time, space, matter, and gravity and anti-universe which consists of anti-space, anti-time, anti-space, and anti-matter by means of the force created by the anti-universe in anti-gravitation space physical vacuum is impossible with.

V. LAWS ON THE ORIGIN AND DEVELOPMENT OF THE SOLAR SYSTEM, PLANETS AND THEIR SATELLITES

Law 1: According to the cosmological doctrine established by the first cosmological principle, the solar system was formed about 14-15 billion years ago as a result of the explosion of a giant star (also called the extreme new), which proves that there are still radio waves in the Solar System with residual radiation in the 2.7 Kelvin temperature range, which is an echo of this explosion.

Law 2. Our little star the Sun is the remainder of this giant star and can be called a secondary star.

Law 3. The explosion of a giant star was preceded by the appearance of planets as debris, fragments of an explosion with various masses that exist even in the gas state. This is evidenced by the existence of outer giant planets in the gas state at present.

Law 4. The resulting planets captured smaller fragments of the explosion outside of Roche, which formed their satellites, which received their constant movement by the magnetosphere of these planets.

Law 5. Mercury and Venus are exceptions to the above rules, which probably existed before the explosion of a giant star. This is evidenced by the absence of their electromagnetic properties, endogenous activity, a very weak revolution around its axis and the absence of their satellites, as well as the absence of methane and ammonia in the atmosphere of Venus.

Law 6. Numerous asteroids, comets and cosmic dust of the solar system are fragments-fragments of the Giant Star.

Law 7. Evidence of this Gigantic Star Explosion is also the existence of external giant planets in the gas state, their high revolution around their axis and electromagnetic field, as well as the current existence of volcanoes on some of their satellites, compared with the inner planets and satellites of the whole solar system.

Law 8. The rotating electromagnetic field of the Sun provides stable rotation of all planets along Copernicus's

ellipses in their orbits during their existence according to Kepler's laws based on Newton's law of universal gravitation. Our planet, together with the solar system, does not move along the ellipses of Copernicus, but along open trajectories, similar in shape to spirals, at a speed of 250 km / s

Law 9. The destiny of the entire solar system is determined by two giant planets - Jupiter, Saturn and the Sun. This is evidenced by the mass of Jupiter, which is 318 times greater than the mass of the Earth, and the speed of rotation around the axis 20 times greater than the Earth, and the electromagnetic field on its surface a hundred times greater than on Earth. The mass of Saturn is 95.1 times greater than that of the Earth, and the revolution time around the Sun, equal to 9.5 years, is much less than that of Jupiter, which is 11.9 years. This paradox is associated with the location of Saturn, where the electromagnetic field of the Sun has a maximum volume, which gave a strong acceleration to Saturn compared to Jupiter.

Law 10. A very high speed of revolution around its axis, directed against the rotation of other planets near Uranus, - 10 hours 48 minutes - is probably due to the influence of Saturn. On the other hand, Venus has a very slow rotation speed, equal to 369 days, in the opposite direction and the complete absence of electromagnetic properties, endogenous activity and the dense atmosphere of the planet.

Law 11. The planet Mars, whose mass is only 0.108 Earth mass, the speed of revolution around its axis 24 hours 37 minutes, is at a distance of 228 million km from the Sun. According to the cosmogonic theory [1], the occurrence of ammonia and methane takes place in the mantle of Mars, and in the result of their reaction with the oxygen formed in the core of Mars there is produced water, carbon dioxide and molecular nitrogen what is in good agreement with the composition of the real atmosphere of Mars. But only because of the low gravitational force of the planet, these chemical components could not be stored in its atmosphere. This is evidenced by a sufficient electromagnetic property that two satellites can maintain in their orbit, as well as the existence of a high mountain 24 km high on Mars, indicating high endogenous activity and rotational speed

around its axis in its distant geological history.

VI. CONCLUSION

Thus, the fact that the universe is constantly expanding and constantly shrinking shows that science was not aware until now the following:

1. The model of the real universe
2. Why does the universe expand, that is, what is the nature of the force that forces it to expand? There is no point in applying Einstein's equations of the general theory of relativity to the expansion of our universe.
3. What is the basis of the origin and development mechanism of the universe?
4. The structure of the universe, the discovery of the mechanisms of formation of its chemical composition.
5. Facts proving the origin and development of the universe and antiquity
6. Why is antimatter repeatedly created more than matter, filling the universe and forcing it to expand?
7. What does the fact that the energy of the cosmic physical vacuum is very high indicate?
8. Why can't we observe antiquity?
9. Why does the universe and antiquity consist of forms of matter that are created in pairs, expand in pairs, and return to their original state by being compressed in pairs?
10. Why does the antiquity consisting of antimatter force our universe to constantly expand?
11. Why is the connection and transition between the universal gravitational force and the anti-gravitational force forbidden in our universe?

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