



SOLAR SYSTEM EXPANSION AND EVOLUTION

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Summary: The work deals with modern views of the origin and development of the solar system and their connection to the common expansion of the universe. The earth's origin and expansion problems and their verifying factors are set out.

Key words: solar system

1. How did the planets and stars emerge?

Whether the planet is a self-contained system that develops like a biological organism, or it is a dead body composed of dust and gases, which is connected to gravitational and electromagnetic forces and represent the construction site of humanity. So far in geophysics, cosmology dominates the views of the Earth and other planets as a result of the merging of dust and comets and meteorites. This results in the uncertainty of the radius, mass and volume of the planet during its entire period of 4,5 billion years. Also, the nature of the geological processes and the concentration of chemical elements remain unchanged. But as studies show, this is not the case, for example, the spraying of the Earth's helium "breathe" of large gases and oil deposits contradict the old paradigms, but there is no new form of formation and it is in the process of formation. Its essence lies in it, The planets and the stars of their family, the same suns, represent a uniformly evolutionary stream starting from the vacuum germ, where the field is transformed into substance [1,2]

The vortex of origin from the vacuum of the universe is the framework for building a star-planetary system (WPS) theory. Let's briefly look at this model. Physicists have long come to the conclusion that only the vacuum theory creates the principle of constructing a unified theory of the principle of the micro-and-macrouniverse. Vacuum substrate may have three basic conditions A) free (weakened) b) polarized (strongly excited) and c) vacuumed condensate (degenerated). In addition, "virtual" and "real" vacuum are chosen in physics. The first can be free and polarized condition, and the other (real) - vacuum condensate (electromagnetic field with virtual particles). The vacuum condensate is a zero level of metabolite material structure. It has a field structure and is characterized by continuous and uninterrupted interaction with a deeper virtual level of the vacuum, which results from the origin of the universe. Virtual vacuum is characterized by other discrete and multi-link condition of the fluctuation of their substrate that is absolutely locked up and independent of each other. This determines the continuous lifelong dynamics of fluctuation. Characteristics of virtual vacuum fluctuation (call them their planets) are defined by the marginal fundamental values of the system of the material system organization (mod). From a virtual vacuum position, Our material world, whose average metallic density is 10^{-29} g / cm³, seems to be the highest in the environments of the planets in the eclectic landscapes (so the abstract of the innermost world). The volume of elements of vacuum

superconducting of the plantation can be seen as a tetrahedron, and its dynamics is characterized by a shift and a turnaround. So the Absolute space consists of tetrahedral flocations without continuous (without emptiness) and it alters the overall variants and turns ($t = 10^{-43}$ times), producing vibrations (waves) that "walk" in absolute direction in all directions. This is the reason for the constant vibration of absolute voltage. Now let's discuss the vacuum dynamics using the "contrary" method.

There is already a world that, like the explosion, continuously expands its contour from the first structural level of matter in the organization of the material organization to the point of mass (point explosion) and till modern measures (after 18.2 billion years of age) IT will transformed into electromagnetic field energy, so again going back to vacuum. The virtual vacuum, the more precisely the demon, the basis of which out world originates from , is in its freezing condition. Its upper boundary, which is the substance part of the world, is characterized by the condition of the vacuum condensate.

Vacuum planets are locked perfectly in the absorption of the electromagnetic radiation of the material model for a certain time - the energy tetrahedrals. When the world reaches a critical edge in the opening of its material contour, leaps into the rampwaves of the field, disappears to the external observer, which is a critical drain of the domain of the given domain. Opening of the Structure - This is a loss of information because structurality is synonymous with information. But since this permanent pulsation process generates the same structures in the form of the alternatives, however, it seems that the information is not lost on the previous cycle of the creativity, because the same structures are formed. To find each planet, 10^{20} times energy is required. His excitement covers the entire domains of the vacuum, and at the same time each planet will emit energy Which is in the range of 10^{27} era. This excitation extends to the depth of the vacuum at all levels and breaks all domains - the basis of the given world. Thus, the vacuum leaves the free condition in the polarized initial condition, where the new shaft is formed (a vortex system). Over time, the "real" vacuum level creates a cold primitive, star, quadrilateral proton, which will be the future of the new world. Let us call it "gravity". But for the first time the embodiment evolved in the development of the universe (GE). Meeting of the two - low-frequency (CNS) and high-frequency (mn) flow point - the so-called central point, is Laia. The primary center (to call it a gesture) transforms the absolute linear vibrations of the ablomeroid into a spherical motion, forming its reflection that creates a polygonal effect. In the given domain the shift is in the nature of the substance of the substance: linear movement is transformed into the vortex, whose spiral waves are bounded in the periphery to the waves that move on the circle. The change of environmental condition is perceived as two modes of matter -- Display in the field and substance. The material is not - the substance of the Absolute (surreal), which consists of the plantations. The polygonal structure of runner waves - this is the field, and the substance - the abstullation of the substance that has been locked in the vibrating swings. Because of this grigal structure, it can be described by categories such as "Space", "Time", "Structure", "Organization", "Information", etc.

Thus, there is only the absolute substance in the three positions in the three modes: 1) Ammeteria-linear vibration in all spectators and directions of frequencies, which do not form forms and structures, 2) material –Bipolar rush in the specified sectors of frequencies and phases that are covering Each other and create forms and structures and 3) anarkeosi - the chaotic state of transition.

Let's get back to the concept of gravity. It occupies the entire volume of the domain and is characterized by particle characteristics, constitutes a totally uniform structural formation that has an ecosystem –dodecaded power hedge. Since gravity is transmitted from the vacuum condensate to the system level (mode) of the substance material, it passes through the material layer's barrier inside the point of origin (large explosion). This graviton does not arise instantly like elemental particles, but then follows, degrades, differentiates and behaves as the natural organism of any substance. Then there

are the kvasers that are the core of future galaxies. The substance and evolutionary sequence arises from kvasersto galaxies, as our deer leap is [3]. The world - it's almost infinite chain of interconnected occasions. Dynamics characterized by this process, non-standardization, explosion, Which are empirically proven - everything is derived from the dynamic of the vortex system. From this it is clear that the worlds of each sector of the frequency should have at least as "couples" - "the world" - "antiuniverse" similar to the "particle" of the vacuum "antiparticle" pair. Such radiant "maiprats" should be separated from each other by the Leidenfront border zones, which are expressed in metagalactic virtual effects like the processes between vacuum diagrams [4].

The cosmology of the hypothesis about the vast majority of worlds is related to the names of H. Wevesst, J. Weiler and N. Gherhelelem, according to their belief that the universe can instantly divide into an infinite number of worlds. The world of one dimension, which is called "universal", is distributed in one and the same domain of Absolute. The universe of the ultimate dimension of the infinite dimension is called the material world (m), and the chassis of the system of transition from the absolute to the universe is called chaos. Absolute chaos and material world can be called the universe [5]. A brief outline of this theory is: The subdivision of the domain substrate and the wavelength of the substrate continues to exist in the space of the enlarged so-called gravity and its column (the quasars - the future galaxy core- the nucleus of the vortex system - massive stars). These waves create wavelengths in the wave clock node to generate secondary conditions for the use of secondary substances (meteorites, comets, planets, solar type stars). If the queues of the first row vibration are created by the large-scale cell structure of the metagalactic, then the quadrilateral networks form the planetary-star network. In these receptors the transition to the vacuum field is in progress, at which point Y. Yarkovsky [6] was mentioned at the end of the XIX century. In his work there is a parallel resemblance with the famous $E = mc^2$ image, based on which all modern atomic power engineering is built. Irakovsky believes that energy creates mass, ether energy is transformed into a planet's substance that contradicts the physics and astrophysics at that time. According to Kant, the sun and planets are made from gas, dust and meteorites ready sybstance which is made beforhand solar system without a solar system.

The Kant's hypothesis was developed by many researchers - P.Lapplas, G. Ayur, D. Kieper, K. Wiesetserker, O. Schmidt, V. Spronov, E.Sabotovic and others. But all modernized hypotheses were based on Kantis and were in full agreement with I. Nuton's performances. In this case the main idea was the existence of emptiness and good substance. The same precedents necessitated similar results: planets were formed from the finished substances almost to the end. This synthetic hypothesis is often referred to as the hypothesis of the Kant-Lapplas hypothesis and has greatly influenced the development of the whole of nature. However, some incorrect hypotheses included a negative role in cosmogony. Geophysics have long been known to flare from the earth's surface but some incorrect hypotheses have also contributed to a negative role in the cosmogony. Geophysics have long been known to flow from the earth's surface.

The performances about them were changed after N. Kozrev, K. Gulikov and V. Gvinni discovered the signs of volcanic activity on the Moon, estimated at the temperature of 11000 C [7] and marked the effects of the moon. The cosmic apparatus is reliably observed on Jupiter's satellite Yoose, and the other satellites of this planet are tectonically stray. In the case of Jupiter it was determined that it emits more energy than it gets from the sun. But why not the small satellites of the planets have been cooled after their 4,5 billion years of their origin? This phenomenon remains a test of the Kant-Lapplas theory. At the same time, the hot springs of rising celestial bodies - this is their natural state. However, as more experimental materials are collected, the more unresolved problem we encounter in planetology. During the solar system analysis, we can not ignore the asteroid girdle between the orbits of Mars and Jupiter. According to legend, the asteroid girdle is the result of the disintegration of the

hypothetical planet Phaeton. But this is only a legend and it is not confirmed by any experiment.

At every step we find the absurdity of the idea of the origin of the planets by converting. In principle, incorrect Kant-Laplas hypotheses are part of geological paradigms. They have a negative impact on geology, but geology, geophysics, geochemistry and other Earth Sciences have substantial advantages compared to other sciences, as they will study the real structures and processes on a wide range of natural polygons, such as the Earth.

2. Main geologic regularity

Earth is a very complicated thermodynamic system consisting of a number of geospheres (from the lining) where permanent physical and chemical processes occur, resulting in the transformation of the planet's substance. Most of the earth's top shells are studied in the crust, which is separated from the mantle below it with the makorovicic layer. The thickness of the Earth's crust is 10-15 km in the oceans, while the mains - 80 km. The main peculiarity of the Earth's crust is its Lateral structural-age homogeneity (anisotopia). Because of this quality and capacity, the Earth's crust is separated into continental and oceans. The material crust consists of three conditional layers: sedimentary, granite and basaltic particles. Granite layer in the ocean curve is not usually present. He is two-fold The systematic study of the Earth's cortex started on materics by the end of the XIX century there was already a single geosynchronous theory. Continuation of the data on the continent's crank and their understanding began with geological maps, which in the middle of the XX century were all over the surface of the earth. In particular, such maps have discovered Lateral classical and structural differentiation of the earth's cortex. The maps contain tremendous information about the thickness of the cortex, its structure, the essence and elemental composition, the age, the phenomenon. On the maps of continents specialists have allocated relatively older areas in the Earth's crust - so-called shield, The composition of which was the oldest spaces-the ancient cores . The continental shields are, in turn, constituent parts of the so-called buns of wide areas of continents. At this time, the tendency of holding the nucleus turned out to be the monthly structure of the shields and then the stage. At that time, it was obvious that the age of the rocks and minerals decreased from the core to the oceans. Such a picture of structural-age deployment of the material cortex has led scientists regularly to the viewpoint of the continuation establishment of the continent, by increasing the area of continents before its long formation.

Many researchers participated in the development of the idea of growth of materics. Shatski, V. Popov, V. Bondarchuk, J. Vilson, N. Semenenko, N. Vasilkovsky, B. Lutz and others. The concept of the growth of materics origin occurs in the case of the Earth's crust, which has resulted in the transformation of the primary crystalline cortex that originated in the geologic era. The concept of the lunar type primary cortex is merely related to the canton-laplastic hypotheses of the Earth's origin.

The first areas of irreversible transformation of the primary cortex, in the course of the geosynclinal processes, emerged in the modern nuclei of archaic shields. The subsequent transformation process gradually covers more and more areas. Transforming the cortex in the interconnected zones combined with the coordinate structures. The following shields gradually merged with the modern bacteria, and the latter - geosynclinar zone areas according to their modern age division.

The formation of continental cortex was accompanied by tectonomagnetic and thermochemical processes that were characteristic of geosynchronous cycles. Since the geosynclinals have been formed in different periods and areas, the connectivity of the cortex has been in different ways: gradually accumulating with younger structures; The aggregation of young structures of different ages in the old fields of the crust (in the area); Before deciding the consolidated districts (so called middle arrays). At the same time, age-deployment zones chaotic background, and moving stage geosynclinar zones borders intersect rejuvenation tend to approach the rim This trend is linked to the central parts of their platforms to periphery, so the oceans geosynclinar migration, which agrees well with the idea of

growth of the Materics and an irreversible nature of the earth's crust and the development.

The analysis of continental cortex has shown a very significant regularity: the creation of continental cortex of the structural-age zones was observed at an accelerated pace. This regularity occurs when a detailed review of the continental tectonic maps of the continents. Nshotsky [8] The accelerated process of formation of the material crust is represented by a graph with a rise in the upward curve of the bacteria (constituent parts). During this analysis, R. Klegmey demonstrated his phenomenal part of the square function of the time [9] and V. Khain calculated the global speed of continents' locations that confirmed the accelerated Lateral growth of continents.

In the continental process, N. Vasikovsky described this global process as the main geologic regularity [10]. It is really important because it covers and describes the main problem of geology - the origin of the Earth's cortex at the interval of the first billion years of planet history. All the accompanying and subsequent tectonic-magnetic and geophysical processes, including the genesis of minerals, are associated with the main geological conformation. The main geologic regularity is the empirical generalization of geological processes on the continents that show the formation of the Earth's cortex through the gradual increase of continents.

The idea of the growth of materics for the first time was not solved the problem of formation of the entire earth crust. But the contribution he has made in solving the problem of the planet's arrangement will always remain the greatest achievement of geological geophysical science. The material structural-age zoning and the acceleration of the formation of the circulatory layer must be the foundation of the theory of the formation of the entire Earth's cortex (oceanic and continental). This solid foundation is based on the theory of growth the Earth .

3. Peculiarities of the formation of the oceanic crust

Lateral structural-age zones characteristic of the continental cortex is an inseparable feature for the ceramic layers of the oceans. In time, the evolutionary (increasing) systems will surely leave visible signs in the past. For example, the timber wood cut can be characterized by the gradual growth of the thickness area and increase of the annual rings in the thickness. This image is similar to the growth of material and oceanic crusts. Only in the oceanic scale this analogy is more evident. The fact that the ocean curve increases (spreading) is seen in the oceans by the presence of the Middle-Ocean curves (shock) that surround our planet. Oceanic ridges - this is the oceanic crust stretching, which are typically in the axis of the mountain range of the rippling plains. As a result of complex and multilateral study of these structures, the absence of evidence from their upper mantle to the surface of the earth was exposed to the exposure of the plant material and its various sides. OceanicSuch process of growth of the cortex area has got the name of the ocean bottom. Because of the continuous growth of spaces on both sides of the middle-oceanic ridge, the famous Australian geophysicist, S. Kerry, cambial form of timber likewise referred to cambial ridges

As soon as they discovered the oceanic sequence growth in the middle of the oceans, the "tectonics of platform" emerged with the idea of oceanic crust drifting down to the mantle by turning the huge crescent bumps under continents. The idea of the ocean tiles drip is in conjunction with the Aegener hypothesis that north and south Americans from the continental frontier of the Pangay, began to move towards the West and thus formed the Atlantic Ocean. But Plattecton's idea was soon criticized by famous Geophysics S. K. Gora and V. Smirnov [11,12,13]. The academician V. Samirnov wrote about this issue: "The idea that the diversity of magnetic fields and endogenous minerals can be explained by the myth of the mysterious vortex of the oceanic bacteria under the continents. The tectonics of the tiles were criticized by other well known geologist or geophysicists and emphasized its metaphysical character during the mythical performance of so-called subduction and unimaginable convection movements in the mantle. But its main accuracy was that it was the basis of the tectonics of the bacteria on the Earth-theory of the Kant-Laplas theory of the planet's unchangeability.

The tectonic subdivision of the bacteria, so their invasion process is not confirmed by any geological data. This has become clear after the geological mapping of the oceans that cross the oceanic crust zones of various reflections as well as the data of the deep drilling carried out from the ships in the area of the alleged subduction.

The maps have already been dismissed by the concept of "bacteria tectonics", according to which the cortex age zones should have symmetry of the axis of the ridges and they should be under the continuity of the strict sequence: the old areas of cortex, and then the relatively small age. In the case of oceanic maps, there is no evidence of "tectonics of platform". In some oceanic grooves (Curly-Camachak, Aleut), the youngest areas of the cortex were closer to the old, and the older ones - far from him. Such a picture means that the groove does not represent the place of the oceanic platform. It performs a one-sided rifle roll, exhales the substance of the mantle and increases the ocean bottom area. Such an event is referred to as the eduction, it contradicts the "tectonics of platform" and speaks against the subduction.

The newly formed crust areas, which are not related to the Middle-Ocean areas. Such areas of the cortex will arise through the ocean bottom stretch, called the scattered spreading. This phenomenon is characteristic of the sea on the edge seas where they are not surprised Mid-oceanic ridges. Many of the scattered districts are found in the Indian Ocean.

Generating new areas of the oceanic crust are not only perpendicular to the spread of the middle rays but also in the direction of stretching. The inevitability of stretching the middle of the ridges was theoretically corroborated by S. Kerry and I. Chudinov [12,14]. The stretching of the middle rings is clearly visible on the example of Africa and Anthracite, which is the distance between the currents of these continents. The length of the middle rudder is rising from these continents.

The study of new oceanic crust generation sites showed that the spreading - the new area of Lateral structures of the oceanic crust that was not previously present. It has also been discovered that the growth of the Earth's crust may be caused not by the primary (lunar) crust, but in the emergence of a new planetary surface, which was not previously observed, so the crust on the planet can arise in the rise of its radius and surface. As far as the subdivision is the mythical notion, the whole oceanic crust emerges from the Earth and is less than 200 million years old. The discovery of oceanic cortex sprinkling principally changes the continent's growth. The continents grew like the oceans and the crust of the continents grew through the spreading sprinkle.

Before studying the ocean structure, continental and oceanic crust was considered as two separate, unrelated processes. The unnatural situation of the case could not be explained: why does the oceans sprout in the oceans and geosynclines in the continents? The discovery of oceanic spreading enabled us to explain the process of ceramic production on the earth as a single process of processing the exterior layers of Lateral-grown rocks. Specialists believe [15] Spreading The newly formed oceanic crust as a result of various forms has gradually been transformed into continental crust. In the growth of oceanic crust, its mineral and chemical composition gradually resembled the continent's ceramics. The process of converting the oceans to the continental crust, which has been called continentalization continent still continents (the north-east, the Caribbean region, etc.). Thus, in the continents and oceans, the Earth's crust is once the same process that is undergoing various stages of the development of the planet: the crust of continents has formed small parts on Earth, and oceanic spreading and subsequent continentalization on an extended earth.

4. Establishment and evolution of the earth's crust

As the ocean crusts are growing continuously and directly today (underwater depth machines), the oceans are all ages of the oceanic crust: from today's age to the oldest-triangular age. The process of forming the Earth's crust is perfectly detailed on geological maps. At this time, the continents tend to observe the curtains of jurassic and triangular age so there is a continuous tendency to cover the entire

surface of the planet. At the beginning of the transformation, the surface of the proto-Earth was equal to the shields core, and then the area of the Earth had increased and the area was equal to the shield. After this, the lengthening of the continental core was caused by the formation of bacteria and their spaces were added to the Earth's surface.

The process of growth of proto-homesteading was slowly rising in the early stages. In addition to increasing the surface and volume of the surface, the circulatory layer was slowly and synchronously processed. During the slow growth of the proto-earth, the crust was continually crippled without vidation of pavement rocks . When the speed of the cortex approached critical values, the crescent layer was broken and the oceanic phase of the development of the planet began.

The formation of the Earth's cortex is a key problem for Earth Sciences. In the past, this process came from the hypothesis of the Earth's origin. The problem of the Kant's idea was that the main geologic regularity was not used in all the fullness and in the framework of orthodox imagery. The world and his mother increases the expansion of the geological theory of a pattern can be explained not only comprehensive, but also represents a starting material in the earth in the expansion of empirical formulation Materics first discovered on the main geological pattern more clearly revealed that the Earth's oceanic zones in the earth's crust for the descent single factor (continental and oceanic) and the development of the planet's grand picture of the demonstration. The main geologic regularity is the empirical community that has been demonstrated without any theoretical evidence. It is reflected on geological maps and objective, as it is recorded in the storms of the Earth. Geophysical theories applicable to the perfection of the claims are necessary to explain the main geological regularity as the fundamental empirical fact. If the theory is not able to do that, then it speaks to his unfairness and inadequacy.

The main geological regularity allowed us to quantify the quantity of the oceanic cortex and the characteristics of the planet's expansion. Such assessments are detailed in the studies of N. Ozipshin [16], which describes the extent of the Earth's cortex and analytical and graphical attitudes.

To get analytical attitudes, we should take into consideration that the Earth's crust is composed of various age groups from ancient times to the present day. Each area should be marked with ΔAT . Then the total sum of all areas will be equal to the Earth's surface A_0 area

$$\sum \Delta AT - A_0 = 0 \quad (1)$$

The upward currents adopted by the ocean curve on the accelerated and uninterrupted forms of curvature are characteristic of the whole earth. If we create analog graphical attributes separately for each ocean, then we will get rid of the colorless strip lines that show that the entire cortex of the cortex has been generated without the mystical subtraction in the ocean. If there was a subduction, then we would not have a full (continuous) axis of oceanic crust and the curve would not have been there. Accelerated formation of the ocean curve agrees with accelerated formation of continental cortex obtained by N.Shotsky.

Outwardly received curves are similar to the exhibitors to estimate the truth of the A / A_0 size logarithms that are grouped around the line whose equation has a face (2) $\frac{\ln A}{A_0} = -kT$

Where K tanget angle of angle with time reverse dimension time (1 / year), T -the amount of time depicted in years, A_0 Earth's surface area; The current value of the Earth's crust area corresponding to $A - T$. This equation proves that the upward curve represents an exponenta, as far as potential it gets the following look.

$$A = A_0 e^{-kt} \quad (3)$$

Where e - natural logarithm is the basis. K size can be determined by the curve of the built-in curve, and more precisely using the smallest square method. Its mean value is 6.1×10^{-9} 1 / yl. The obtained

image (3) facilitates the deeper understanding of the planet's evolution and the formation of the Earth's crust. (3) Taken and manufactured from the image

$$\frac{dA}{dt} = -KA_0e^t \quad (4)$$

It is characterized by two aspects of the main geological laws. The first lies in the fact that (4) the image - is the distribution of the oceanic crust according to age, or the speed of the sprinkling global space in the different epochs of the Mesocainezone. The modern speed is achieved if (4) puts $T = 0$. For the given value of K , the oceanic crust speed is $3 \times 12 \text{ km}^2 / \text{year}$. At the beginning of the Cretaceous period, spreading speed is reduced to $1,3 \text{ km}^2 / \text{year}$.

In the beginning of the geologic epoch, the continental crust growth values are even smaller. The prevalence of oceanic crust in the continents is expressed in the Mesocaineous period of the prevalence of the Earth's predominant expansion, and the earlier crust originates according to Kant's hypothesis, as if Earth had unchanged dimensions. But such an assumption is false because of the modern nature of the Earth he will not be placed in a small volume that corresponds to the area of the hiding with the platform. In the density of acceptable values. Extended Earth's model was reviewed by I. Maidanovich during 3000 km radius. Such a global density was $50 \text{ g} / \text{cm}^3$, but the density of such a significance was never observed in the solar system planets. Therefore, the only correct decision for the Earth, the earth which is expanding in size, is the continuous increase of its mass. Growth of the planet's mass - this is the main reason that has led to the expansion of the Materics and ocean bottom.

The thing is that the mass and dium density is much faster than the smaller density. In the depth of the earth, the more dense rocks are located in the mantle and the nucleus, the size of which increases faster than the top of the surface, from where the excess pressure is created. The faster and faster growth of the Earth's depth (core and mantle) leads to stretching the upper surface of the planet and facilitating the separation of blankets and gases from the earth. This phenomenon is associated with exhaustion, volcanic eruptions, emissions of the gas, and the possibility of aesthetic to the surface.

The rise of the Earth and other bodies I. Yarakovsky, V. Bilbinov, S. Kear and others relate the gravity of nature and the body's absorption (vacuum matter). Yarkovsky did not have quantitative evaluation data. His followers did not have a full theory of this concept for a long time. Only after the publications of V. Bilbin's works, [18] containing the kinetic theory of gravity, the concept of the expansion of the Earth's sphere was completed and the notion of hypothesis, but the empirical generalization of the geological data on Earth that was perfectly explained in theoretically.

5. Earth's expansion results .

The expansion and extent of the Earth's magnitude are not only in the Earth's crust, but it has influenced many phenomena and geophysical processes, which led to its climate change, in particular warming.

The accelerated development of the earth is closely linked to the development of living organisms. Biologists and ecologists are reliably determined that living organisms depend on an estate environment, its condition and evolution. Known for the unity of life and environment Evidence from the background of life on the earth is hard to deal with the planet's growth process. In the initial period of the growth of the small protoplanet there was a long period of life for the development of the necessary conditions, and only in the Cambrian period, when the energy came from the sun reaching of the positive temperature of the surface in order to maintain a sufficient level of life and then again, continued acceleration , including the modern stage.

Paleontology explains this picture: Life on earth has been settled several millions of years ago and has been developed over the last 500 million years before modern forms.

Life on the rising earth could not be developed in any way other than paleontologists confirm.

Evolution of life on Earth - this is a powerful proof of justice for its growth idea. But at the same time it is the result of the growth of the energy potential of the planet. Let's get rid of N. Stieliov's [19], which analyzed the development of the paleoploric expansion on Earth. In his view, the overall flow of evolution of the above-ground plants in general and in individual groups is so well supported by the extensive hypothesis. N. Ceylonov called the idea of expanding the Earth as hypothesis, but by now it is theoretically well-grounded empirical generalization. Some other classification of the growing earthly idea can not be applied after analyzing the distribution of paleoclimatical zones (zones) on particular maps.

L. Wivishevsky wrote about the development of Earth's development: "The general laws of specific geological processes include the Earth's crust and the earth's irreversibility law. General geography is the acceleration of the geological development of the Earth, Acceleration coefficient of the situation [20]. This is a very valuable conclusion from the idea of growth, of the Earth but I do not know the reason for accelerated development. Of course it was difficult to name them because the views of Kant was offered by the opposing conclusions.

One of the conclusions of Kant's hypothesis is that the second beginning of thermodynamics might be the result of the Earth that loses an energy continuously, but if the planet's cooling would be real, then there would not be an acceleration of the geological development. If the Earth's permanent cooling mechanism was to work, then there would have been no acceleration at the time of the geological process but the exhaust. At the time of acceleration of these processes, the discovery of the Earth was a surprise to the orientation of the Earth. By the way, information about Earth's accelerated development has been increasingly evolved from various departments of geology. As a result of their analysis, D. Revdquist wrote: "A clear irreversible evolution is revealed in the course of history more and more substances are differentiated origination of mountain rocks fossil and specialized lithosphere block. At this time, the same normality is observed, as in living nature, more time accelerating processes "

In the formation of views on the geological development of the planet, there was a special significance for quantitative assessments of the quantities of different geological formations, the study of the development of events in geosyncline and rifonogen, the determination of oceanic depth of capacity, the assessment of the volume of different ages. Quantitative assessments of geological processes have shown that the previously expressed beliefs about the strengthening of the earth's tectonic activity in sufficient time have been performed in the context of volcanism by E. Malayev by geosinklines [22]. In his opinion, the direction of tectonic-magnetic processes is due to the volcanic activity acceleration expressed in the shortest period of time for volcanic products. According to Ronovi and Khain, [23] the tectonic activity of the earth is not weakening, but on the contrary, grows from the earliest doctrine of neocentric to the more younger epochs.

The increase in the planet's tectonic activity is derived from the major geological conjunctions that characterize the acceleration process of oceanic cortex formation. If the tectonic activity of the earth was not discovered by geological observations, then it would be foretold on the basis of geological bases. It is also possible to predict the production of mineraloges in advance, the acceleration of water, oil, gas (including radon) and other emissions from the bottom of the rocks. But these processes were accelerated by major geological lawsuits with different independent methods. The basis of the phenomenon of the panorozichypergenous: "The formation of docomerichypergeneses could not form stronger crusts of chemical exhaust that would be similar to the formation of a younger epoch of history. In the aftermath of history the surfaces of minerals Pulsation-progressive growth of the role of the niacalhypergenisis. The maximum of this process has been achieved in the latest stage of its development. Oligocene molecular sedimentary rocks collected over the last 30 million years ago contain more than half of the global reserves of aluminum, iron, manganese, silicates, nickel, cobalt,

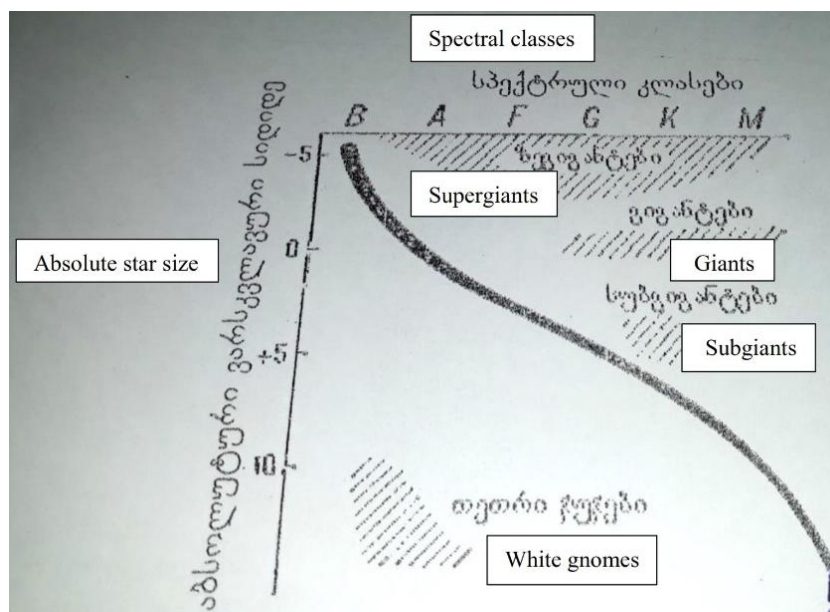
gold, platinum and other minerals.

Geological processes speeding problem not restricted to the examples of geological processes. To speed up the extension must exist on the earth's mass and size of the internal energy of steady growth during the global processes and also the main geological pattern dominated by other geological processes and their time of acceleration From the beginning was to discuss the expansion of the Earth as a result. And Increasing the Earth as an empirical ground. Considering that the imagery of the enlarged world has been derived from the empirical data of the induction method, so this idea is to evaluate the concept of generalization of empirical data. Thus the accumulation of reliable data became the property of the hypothetical past history of the enlarged Earth. The concept has turned into a theoretical theory of development of the Earth, which does not contain excess theoretical precedent and is based on empirical data. The theory of the earth's concept of theory plays a role of cement and empowers the empirical data in a unified system of development of the whole world.

6. The Earth between the celestial bodies

Since the earth is a spatial body that has a gravitational field, which in its turn ensures its growth and therefore there must be a final outcome of such growth. The data on the solar system and the galaxy give rise to the fact that the Earth may eventually be transformed into a massive volcano (if there is no catastrophic case) which will not be more than 50 (50) solar masses. The restriction of the growth of the celestial bodies is caused by natural conditions: there is no star in the galaxy which exceeds 50 m. In the process of growth, the Earth has passed the comet or asteroid stages, and then the stage of the development of the moon, and then our planet has gone through the development of Mars and is currently in the stage of evolution of the evolution. This stage is characterized not so massively as the surface of the planet causes the earth's surface to flail and the temperature on its surface. Then the stability of the Saturn and Jupiter evolution, which will move into the stages of development, and the earth will turn into a clove color dwarf star.

Since coordinates (absolute star size - lightness) are explicitly related to mathematical attitudes, so the picture of the so-called Hertzsprung-Regal diagram is also called diagram. The main mass of the stars (85%) is located in the diagram In comparison, we can the main sequence .



The mainc sequence picture is the Hertzsprung-Rezell diagram

The above are white and blue giants - large masses and large shades of star. The spectral classes of these stars are O, A, B. Stripes and masses along the sequence (below the bottom) are decreased. In the lower right corner of the diagram there is a small mass ($M = 0,8 M_{\odot}$) and christening variations that are K and M classes and call them red dwarf, they determine the numerous families. This fact contradicts the Kant's hypothesis, as in the case of gas and dust convection, massive bodies and not smaller stars must be formulated more frequently. In the growth of the celestial bodies, planets and small stars must have a lot on their own. In the upper right corner of the diagram are the giant stars. Their number is small in the galaxy, but because of the great light they are easy to digest. According to the red color and great brightness, they are red giants.

After the creation of the Hertzsprung-Régl diagram it became apparent that the star positioning on them (including the main sequence) was determined by the evolution of the galactic star. But the distribution of stars does not correspond to the right concepts that the stars must have on the entire area of the diagram, and in fact they are the main sequence of the vicinity line. In the concept of growth, the planets and stars represent a unified evolutionary stream. Jupiter's type of errors are transformed into a dwarf dwarf star. Increasing the intensity of mass, volume, flare and radiation, the celestial bodies undergo yellow, white and blue stars until they reach 50 solar masses after which they are exploded. They are transformed into red giants. When removing by removing such a star's membrane, the red dwarf turns into a white dwarf. The reason for limiting the upper limit of star masses is relatively simple. The thing is that the flow of mass to the star is proportional to its mass, and the mass of the masses is much faster than the radiation, and it is 3.9 degrees of mass. Therefore, during the accumulation of mass there is a moment when the weight loss is equal to the acquisition and the star ceases to further increase. At this time it should be taken into consideration that non-stational processes in the massive stars are associated with the stellar wind which increases the massive loss of the star.

The standard diagram of the Hertzsprung-Replacement standard is filled with a curve that covers the direction of the evolution of the celestial bodies, the continuous curve of the curve reflects the gradual change of star characteristics and spontaneous transitions. The main sequence stripe is the result of gradual changes in the star parameters. In this picture, the diagram adds the planetary stage of the celestial bodies, which descends from the boundaries of the ordinary diagram, as the planets are not visible bodies. The evolution of the Earth is reflected in the lowest region of the curve, which precedes the star's main sequence.

It is interesting fact that the geological evolution of the pattern of the earth, for the first time araniarad not related to the evolution of galaxies and star of the settlement if in fact there would be no extension of the heavenly bodies of our planet then artificially development of the evolution of stars to have materialized. Since the evolution of the celestial bodies is determined by the general reason - the nature of the two types of celestial bodies in the nature of the circulating material of nature turned out to be natural. The main geological phenomena found its continuity in the main sequence of the star of the Hesterstrans-Regal diagram and in the evolution of the whole world.

The process of formation of the solar system and star systems in general is quite different from the main geological sequence and the main sequence of the variables. To confirm this, we can cite the following examples: When the sun reaches its maximum mass and explodes, at the same time increased the Saturn planetary systems outside the sphere of influence of the sun blasted ejected. But Saturn's system - it's almost ready-made. Uranium and Jupiter may also be in open space with their satellites. Similarly, other star systems can be multiplied. Such a solar system was formed in the constellation of Orion's. In every single year, the radius of the earth increases [2] by 2 m. Increasing the Earth's lifetime, the earth's growth is slowly taking place and therefore has not been discovered for a long time. That is why the variability of the size and other characteristics of our planet will be substantial in long intervals of time and these changes take the principal importance of the earth's genesis and evolution of the cosmological body. Thus, if the unexpected (catastrophic) changes do not occur, then our earth will be transformed into a star. On the way to the breeze in the star is not only expanding its spatial parameters, but also all parameters: increase the thermal flow outside the

substrate; The complication of chemical elements in the simplest (nucleus) to the most difficult (in the cortex) - for example, radioactive substances (including radon) are observed in the upper parts of the earth's crust; Differentiation of the substance in time and space; Geological and geophysical processes, etc. And it's not only about the earth but also other planets.

The obtained (3) expression allowed us to calculate the speed of the ocean curve (3,12 km² / year); The speed of the Earth's radius increases (1,95 cm / year); Earth mass doubling period (76 mill year). At such a pace, the Earth's solar state must go about 1,1 billion years later.

All this is justified for a geologic stage of development. However, the regularities identified by synergetics show that at the end of its cycle, at the end of its development cycle, the exposure to hyperbolic dependence is going on. This is going to be a sharp acceleration of the process. Analysis suggests that the transition of the Earth to Jupiter or Sun is positioned a thousand times faster than it is predicted by the classical exhibition. Such rapid transition will lead to humanity's total outcomes. Modern ecological crisis, uncertainty of climate, glaciers on the planet, as well as sharp acceleration on other planets - all this suggests the synergistic conclusion that we are standing on the threshold of Jupiter's condition. On the basis of analysis of the state of the novasosphere, we have a little more than a thousand years. Therefore, we must reverse the old myths and dogs and prepare for such a transition to the future development of civilization is a significant problem for the climate change in the Earth, which may have a substantial impact on the planet flora, fauna and ecology. The study of the climate of the Earth and its prediction orthodox approach It does not take into account dynamics of the development of the celestial bodies. It is believed that the sun and the earth are virtually unchanged for a few billion years. Hence, the only important factor in climate change is the anthropogenic impact, in particular the increase of carbon dioxide in the atmosphere and the climate warming associated with them (heat effect). The problem of climate change looks different when there is an idea of the growth of the celestial bodies, and the prediction of the future of its change is more alarming.

Real changes in Earth's climate are determined by the following factors. Among them two are main ones. The first factor is the warming of the Earth's surface and the rise of thermal flow to the surface, which causes the surface temperature of the planet to grow. The second factor is to increase sunlight, which is related to its mass. Sunlight is proportional to $M^{3.9}$, and even a small increase in solar mass leads to a substantial increase in its chill. Both factors act simultaneously and relatively quickly increase surface temperature. They act independently of anthropogenic effect. That is why the modern warming of the climate - not just the effect of greenhouse effect, but the progressive growth of the celestial bodies. The warming of the climate on earth will occur even when the civilization does not exist. This will be "a new earth and a new solar system".

Conclusion: On the basis of the above mentioned material we can briefly establish the theory of the star-planetary system (WPS).

1. In the evolution of the ordinary class stars, we must distinguish before planetary, planetary and starred stages.
2. Planets are self-organizable sorts (like biosystems) whose processing centers are in the system of the planetary system of the vacuum matter organization of the planetary sector, which grow in the elements of vacuum elements and energy quintals, and by way of substantial transformation in the quantum, which eventually move to the stars;
3. Planets, planetary systems, and settings ongoing processes are changed at the initial stage by the $A = A_0 e^{-KT}$ type, and the Earth's development becomes unevenly accelerated, pulsating: Sh
4. The chemical composition of the planet is distributed periodically by the most lightweight and sustainable particles and atoms in the nucleus, the most severe and unsustainable (radioactive) elements in the surface of the Earth's crust.
5. General path of development of geological systems is underway from generated (primary) systems to outlined (secondary) systems and subordinated to periodicity, acceleration, symmetry, etc.
6. Geospaties grow in the process of differentiation and transmutation. Growth mechanism - volcanism processing - sedimentogenesis. In geological history, the focus of the nuclear-physical

leading role in physical-chemical processes, then on chemical-biological and finally social-technical.

7. As the universe and galaxies expand, the stars are separated from the center of the galaxy, so the galactic year must be extended to the star system from its origin to the state of "here and now." At this time every fundamental constant is changing, including gravitational.

8. Since the development of planets is due to the symmetry of antimetry, so the geomagnetic polar and tectonic asymmetry is an indicator of structural difficulties. The same is true of the emergence of a granite layer, as well as the presence of hydropower, atmosphere and biosphere self-movement;

9. The Earth as any planet's figure represents the result of the action of two gravitational and thermodynamic forces and changes from the solar form to the modern sphere form in the earliest times of origin. Like the force of gravity, the torque speed increases in the modern era.

10. The basis for each form of maternal development (mgt) shall be the elementary cell law, the number of which should not be less than three;

11. Thus, the development of star-planet systems is inherently hid, hierarchically, periodically, exponentially-accelerated, differentiated and subordinated to the universe as one of the entire expansion and development of the universe.

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