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Приоритетная защита всех публикуемых материалов. Предназначен для всех, кому не безразличны современные земные проблемы, кто ищет конкретное поле деятельности для эффективного приложения своих интеллектуальных способностей.

ДЕВИЗ ЖУРНАЛА:

***«Новое искание Истин – только это и есть Наука»***

**Д.И. Менделеев**

**FUNDAMENTAL CODE OF THE NATURE.  
ANNOTATION**

*S.I. Jakushko*

**ANNOTATION**

Dear Colleagues!

It is presented the recently published monography FUNDAMENTAL CODE OF THE NATURE by S.I. Jakushko, the Laureate and the Honorary Member of the International Association of Russian Physical Society named after D.I.Mendeleev / S.I.Jakushko. Fundamental Code of the Nature – Sumy: Yaroslavna, 2017. – vol. 1-2/.

The work is devoted to research the mysterious area of transition from not unmanifested state one into manifested. Feature of this area consists what sights of religion, esoterics and sciences collide here, which till now interpret it in their own way.

It is established that in the base of manifestation is physical process according to which there is a formation of the world at all stages of its development – from a microcosm to the person and up to the Universe. The materials given in this work convincingly prove that actually it is necessary to look for not created material object and the law of formation, i.e. process which is the foundation of the transition of unmanifested one into manifested and to discover an algorithm – a code of creation of matter. Any difficult phenomenon in the nature is a result of development of matter, i.e. development is the cornerstone of everything. This process turns an opportunity into reality.

The given process is responsible not only for the formation of a set of objects and systems, it makes it possible to link together seemingly disconnected systems and objects. This allowed us to formulate a new physical theory - the theory of bound spaces. The proposed theory makes it possible to answer the eternal question of why our space is three-

dimensional, to justify the origin of space and time, to propose the gradation of living beings into beings of one, two and three dimensions, to uncover the mystery of human structure as a three-dimensional entity, to explain the stability of electron shells of atoms, to define the elementary particles as a single structural formation, which is an inseparable unity between a complex nucleus and a multilevel formation around it and much more.

A complexly organized object is identified - the fundamental code of Nature, which is the inner essence of any object. It contains a development program, according to which the development and establishment of the material objects of our world is taking place, which confirms the informational basis of the world.

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FINAL CONCLUSIONS.

**CONCLUSIONS**

American physicist Fritjof Capra in 1975 formulated six distinctions of models of classical physics from the physics of modern times. According to the second criterion distinguishing the new scientific paradigm from the old, is the transition from thinking in terms of structure to thinking in terms of the process. And in the new paradigm, the process should be conceived as a primary category, since any structure that we observe is a manifestation of the underlying process. This was also said by I. Newton in the preface to the first edition of Elements: "The whole difficulty of physics is to recognize the forces of nature from the phenomena of motion (i.e. processes), and then explain the remaining phenomena through these forces."

That is, the process in new physics must acquire the status of a fundamental concept. However, until now it has not been singled out as a fundamental object.

In the monograph for the first time a new object is identified - a fundamental physical process, according to which the world is developed, beginning with a vacuum (ether) and ending with the formation of the Universe. In accordance with this, the primary element in the new paradigm is not a particle, but an elementary physical process. This made it possible to formulate the Law of Development, which is the basis of this process.

The given fundamental process made it possible to see for the first time how the development of the world is taking place. It becomes clear that matter does not appear from nowhere - at the heart of its manifestation lies the physical process. Everything turned out to be much simpler and more complicated at the same time: what a person knows about matter and thinks of it as a complete, absolute concept is, in fact, only a manifestation of the process at a certain level of its development.

The presented process of the development has always been surrounded by a covered of mystery. Precisely because it was the hermetic basis of the Hebrew Torah and the Christian Triad - the Trinity, the esoteric drawing of Pythagorean Tetraktida, the innermost plan of many doctrines, including Zoroastrianism, Hinduism, Buddhism. He has always been in the focus of theological research, and therefore is the source of a diverse numeric symbolism. Based on it, logical and dogmatic systems, mythological genealogical periods and chronological periods were built from time immemorial. From Chaldean and Egyptian astrologers to mystics of occultism and fortune-tellers, Numbers, Signs, Symbols, which go back to the knowledge of the presented process of development, are everywhere. It is not by chance that the most intimate processes have been attributed to the truth "indisputable" from time immemorial. That is why all and any processes in the world, despite the vast variety of their forms, can be represented as a particular manifestation of a single process of development.

Occult science claims that the Universe has an ether-material structure and considers the manifested and unmanifested Cosmos in its unity. Based on a comparative evaluation of the ether as a world substance from the point of view of esoteric philosophy and modern science, it is shown that this substance is a fixed structure - a tissue of the universe, consisting of localized electrically neutral formations, which are spherical capacitors. This allowed us to offer a new image of the original substance. It is precisely the primary formation of the proposed process, with which the entire world space is filled, and which is the building material from which everything happens and where everything returns. The uniqueness of the proposed development process is that it allows explaining many phenomena and riddles of nature.

The symbolism of the "language of numbers" and the physical meaning of the origin of the so-called "sacred" numbers are revealed. It is shown

that these numbers characterize certain stages of the process, and, the more significant the stage of the process, the more these numbers participate in more systems. It is concluded that it was the numerical characteristics of this development process that were the basis for the creation of universal systems and laws underlying the development of the world! At the same time, the "sacred" numbers appeared in a new quality: they are the keys to opening the doors to the secrets of many phenomena in such areas of human activity as art, architecture, science, mythology and religion through the physical process underlying the development of the world! It is shown that the natural series of numbers is a direct consequence of a physical process in which the numbers have a real physical meaning. Hence it follows that it is the world of numbers that makes it possible to understand the information-strength patterns of information transfer into matter and vice versa.

The deep essence of the physical processes underlying the origin of space and time is substantiated. It is established that space is a consequence of the development process that creates the environment of its habitation, and is not a primary physical entity, as now it is asserted. In this case, spaces are formed along each coordinate axis of development, and time appears together with space and determines the duration of the process that generated each space. Therefore, every process has its own time. The proposed approach made it possible to uncover such riddles of time as the "Arrow of Time", its "slowing down" or "acceleration," the phenomena of lethargic sleep, the egregor, the "disease of Dr. Zharov" arising from nuclear explosions, the Philadelphia experiment, and several others.

It is the process that creates space and structures it around itself. This made it possible to identify the structural element and establish the law of the structural hierarchy of the world. For the first time, the physical essence and visible geometric construction of the multidimensional space, which many generations of physicists dreamed about for so long, was revealed. The ten-dimensionality of the surrounding space is justified, in which three times are simultaneously present.

It is established that the laws of nature depend on the choice of the coordinate system of the development process. Based on this, the spatial continuum of the world is presented and unambiguous representation of the geometric form of the physical process is obtained. The basis of the

formation of the coordinate system is the physical process as a result of the successive passage of the stages of its development. The law of coordinate development, existing at all levels of world formation, according to which the space is structured, is obtained. It is the coordinate systems that set the rules by which Nature develops. It is shown that three different spatial orientation forms lie at the basis of the law of coordinate development i.e. matter has a three-polar orientation vector of torsion fields. Then the dimensionality of this or that interaction is also a characteristic of the space in which this interaction exists. This gave an opportunity to answer the eternal question, why our space is three-dimensional: it is formed naturally as a consequence of the physical process of development by three coordinate axes along each of the selected directions of development.

The given process of development forms not isolated spaces for the passage of this process. They are surprisingly united, connected in a single system, functioning at different levels of being. This made it possible to formulate a new physical theory - *the theory of connected spaces*, which is based on the process of development with a generating center that forms a hierarchical (and block) structure. The proposed approach makes it possible to return to the views of the world inherent in the thinking of antiquity, but on a new physical level of understanding that phenomenon. According to this theory, our entire world at all its levels, from micro to mega-level, is a single connected system. There are no separate existing objects. And this is the essence of the new paradigm of our time in contrast to traditional physics, which takes separately an existing object and considers its properties separately, out of communication with others. The proposed theory of connected spaces provides an explanation of the essence of a complex hierarchy of forms of existence of matter and allows to link together seemingly disjointed systems and objects.

It is shown that the individual objects that are within the bound systems, being a part of them, themselves are connected systems, which in turn are subdivided into a number of smaller connected systems. And so on ad infinitum.

This allowed us to find the key to the solution of the Music of Pythagoras' spheres, united by a musical symbol - a treble clef that is a symbolic expression of the theory of connected spaces. It is a curve that seamlessly connects the various axes of each of the associated spaces.

A gradation of living beings into beings of one, two, and three dimensions is proposed, depending on the number of axes of development over the spaces enclosed in each other. Proceeding from this, the division of vertebrates into creatures with a horizontal spine arrangement (worm-like - with one axis of development, ungulate mammals with two axes of development) and a vertical spine arrangement is suggested. This allowed to build a three-dimensional hierarchy of the human body along its three axes relative to the original center (point) located at the base of the spine. Then man is a multidimensional entity that lives in three dimensions at once.

All this allowed us to formulate the concept of "life", which, in the physical sense of this term, is observed in any system where a development process is present. Thus, the theory of related spaces underlies the structure of man, the Earth and the universe. At the same time, a hierarchical structure of the entire space is constructed, consisting of nested hierarchical spheres of the space system.

The structure of elementary particles and atoms is considered from the point of view of the development process, as well as the trajectory of particle motion along the structural elements of particles and atoms. The theory of bound spaces made it possible to justify the structure of the hydrogen atom as a result of the complete development process. The hydrogen atom is a complex structural formation in the form of a nucleus (the initial point of development), limited in space by three electromagnetic shells. The stability of these shells is due to the constant movement of the total electromagnetic vector along them. In the first approximation, the physical substantiation of the value to which the proton and electron masses differ is given. The proposed approach allowed from the physical point of view to explain the Pauli principle, according to which in each electronic state there can be only one electron in the atom, and also to justify the origin of the stability of atomic shells.

It is established that the Periodic Table of Elements consists of two related spaces: one bound space is the first period of the periodic table, and the second bound space is the remaining six periods. At the same time, the core of a particle of this level is a particle of the previous level of development! The proposed approach made it possible to solve the problem of the structure of the atomic nucleus. Proceeding from this, the

problem of an electron is considered in detail. It is shown that a particle identified in physics as an "electron" occurs only in atoms of the first period of the periodic table. The "electron" of the atoms of the following periods will be the nucleus of the helium atom.

A new look at the organization of the world around us allows us to take a fresh look at the structure of elementary particles. The definition of an elementary particle as a single structural formation, which is an inseparable unity between a complex nucleus and a multilevel formation around it, is given. The form of an elementary particle as a complex hierarchical structure, connected in a single whole by nucleus-centers around which multilayer spaces are formed, is proposed. And there are a lot of such nuclear centers, and all of them are parts of a single connected system, and at the same time they form their own related systems.

According to the theory of bound spaces, it makes no sense to search for elementary particles - they are replaced by an elementary (fundamental) process, which is the basis for the emergence and development of the world. Then we usual elementary particles - a separate stage of the development process, and the actual structure of elementary particles, and hence the atoms is a dynamic structure, which is a continuous and non-stop movement of the inner core particles bind together the center (core) with the shell of the atom.

The proposed physical process underlies the manifestation of the world, to the first manifested figures of which are the pentacle, pyramid, dodecahedron. The features of the transition region are considered. A new look at various architectural forms and separate details of structures as to transitional areas and their significance in human life is suggested. The mystery of the origin of the All-Seeing Eye is given. The merits of the developed theory include its visibility, the ability to represent the physical process in the form of a geometric image. No wonder one of the most important Masonic secrets is this: geometry is a hidden key for unlocking the secrets of the Universe.

The uniqueness of the development process is also that it is "triggered" by an extremely small impulse, even by human thought, and the space thus formed can be of any size, up to the size of the Universe. This proves that a person can (and should) control his processes with his thought, as is confirmed, for example, in experiments with elementary

particles. The biblical expression becomes clear: "In the beginning there was a word ...". It is physically justified that the Word is a great power: the word can heal, you can kill a word. Now it becomes clear how the word creates amazing frozen figures of the Japanese scientist Masaru Emoto.

The process of development is the great spiritual Beginning that generates the Harmony of the Spheres. At the same time, the maximum of intellectual spirituality is concentrated in the Center - the original Point, which is an absolute unity and the Beginning for every manifestation.

And most importantly, the information essence of our world is disclosed, the process of information generation is proposed and the answer is given to the question of where it is "hidden". A reasonable physical object is identified-an energy-information quantum responsible for structuring the world at all stages of its development. It uniquely combines both the continuity of development within one stage, and the quantability (quanticity) of space in the transition from one stage of development to another. It is this quantum that underlies the transmission and storage of information, which is a stable structure on which the fundamental code is written!

It is shown that the main mystery of the world is hidden in the development process. Hence it follows that the whole process of evolution of the material world is initially provided with information and information is an inalienable intrinsic property of all kinds of matter. This allowed us to solve the eternal dispute, which is primarily matter or consciousness.

The proposed theory of connected spaces for the first time united in a single whole the religion, esoterics and science, which for a long time existed separately and even quarreled with each other. Here a number of fundamental provisions of modern physics and world esoteric experience are united. This made it possible to move from scientific theories based on postulates (concepts taken without evidence) to the knowledge of the true laws of nature - the laws of development, which allows us to rise to the next level of knowledge and remove the veil of secrecy from a number of "white spots", create a more complete and an accurate picture of the Universe.

