

# **Physics, philosophy, society**

(A view from the “Theory of Nature”)

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## **Abstract**

In this article, the author presents his “Theory of Nature” (TN). TN is a revolution in physics. TN is dialectical-materialistic physics and cosmology. Matter is placed at the forefront of physics. Matter is introduced into the bosom of physics as the basic physical quantity (BPQ). Physics has been transferred from foundation of the fundamentally false bourgeois-idealist philosophy (BIP) to the foundation of the only true and scientific philosophy of dialectical materialism. From the point of view of nature, modern physics stands on its “head”. TN turns modern physics from “head to feet”. TN puts modern physics on a material basis. Within the framework of TN, a specific representation of matter in nature is determined. Matter of nature is, first of all, the content, the composition of elementary particles (EPs). Within the framework of TN, the structure of the material Universe and the circulation of matter in nature are determined. Within the framework of the TN, an algorithm for the functioning

and evolution of the Universe has been determined. Matter is introduced into the bosom of physics as the basic physical quantity (BPQ) in its qualitative and quantitative definiteness.

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## **Introduction**

The author is not a physicist. The author is not a philosopher. The author graduated from the Faculty of Mathematics of the Far Eastern State University (FESU) in 1974. The author attended courses in general physics and the basics of Marxist-Leninist philosophy (MLP) in the first year of the university. The author in his reasoning in this article does not go deep into the subject of physics itself. The author turns his gaze exclusively to the foundation of physics, to its foundations. The basic concept in physics is the concept of a physical quantity (PQ). The foundations of modern physics or the theory of modern physics (TMF) are based on seven basic physical quantities (BPQ): length, mass, time, electric current, thermodynamic temperature, amount of substance, and luminous intensity. Matter is not on this list. It is a fact. This is the main fact of TMF, its foundations. Neither mass nor substance is matter. In what relation mass and substance are to matter – this question is analyzed within the framework of the “Theory of Nature” and the final answer is given to it. The author in his researches (in TN) is limited mainly to considering the first four basic physical quantities from this list. The author adheres to a dialectical materialistic worldview and understanding of world. The author is a dialectical

materialist and communist. The author firmly adheres to the positions of the only true and scientific philosophy – Marxist-Leninist philosophy (MLP). The first section of this philosophy (MLP) is a dialectical materialism (diamat). In this article, and in all articles of the “Theory of Nature” (TN), the author, speaking about the dialectical materialism, means, first of all, its (diamat) relationship and connection with nature.

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### **Lie in the basics of theory are the lie of the whole theory**

To understand the essence of a particular article, book, doctrine, theory, it is not necessary to read the entire work. It is enough to read the abstract, a short introduction, or trustworthy statements and understand the main thread of the work as a whole.

To correctly judge a theory as a whole, it is not necessary to study the whole theory. It is quite enough to understand the initial foundations of this theory, its starting, initial position on the scale of truth, that is, to find out whether its initial positions are true or false. Having determined the truth of the initial attitudes, positions, postulates of any theory or any teaching on the discrete scale of truth (“true – false”), we make an appropriate conclusion about the truth or falsity of the whole theory, the whole teaching. This is quite enough to resolve the issue of the advisability of further study of this theory or this doctrine.

Take religious teaching for example. It is known from numerous sources that belief in God is the basis of any religion. And this belief replaces for many people the proof of the existence of God in nature. But no one ever in the entire history of the existence of mankind has brought a clear, simple, unambiguous, consistent and reasonable proof of the real existence of God in nature. But if God really existed in nature, then the proof of his existence would be known and provided long ago.

Otherwise, why should God (the Almighty) himself hide or not provide people with a simple and clear proof of his real existence?! What can God (the Almighty) fear?

There is no reason, there is no logic, there is no common sense and there is no reasonable justification in order to hide the proof of the existence of God.

There is no reason for this concealment with God himself (if he exists).

There is no reason for this concealment with any of the people.

There is only one, and there is malice in this cover-up of evidence. It consists in the fact that people will simply believe a lie about God without requiring proof of existence if this lie is spread by powerful groups of people. An idea, even if it is false, becomes a material force if it penetrates the consciousness of a mass of people, if it takes over the masses. And this force can be controlled, you can control it, you can direct it against progressively thinking people. This is the goal and this is the meaning of the malicious intent of the party in power, the

bourgeois party and all the forces of reaction and obscurantism controlled by the bourgeois party: control over the minds and hearts, souls of people. And a lie is a very convenient technique, a means to achieve these goals. All religions of the world are based on lie. The ruling class of bourgeois society, the party of the bourgeoisie, relies on lie on a national scale.

Let's go back to talking about religion. But if God does not exist in reality, then there is simply no proof of his existence in nature, in reality. Those who assert the existence of God in nature must provide strong and substantiated evidence of such existence. Those who deny the existence of God in nature, by and large, should not provide any evidence.

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Therefore, it is enough to know, to determine initially that a lie about God is preached in religious teachings, so as not to read them further in detail. If a lie is laid in the basis, in the foundation, in the starting position of any theory or any teaching, then whole theory or whole teaching will be false. So, the conclusion: all religious teachings are false, since they are based on the original lie about the existence of God in nature. The idea of God is a false idea.

A similar circumstance takes place with regard to the idea of ether. All etheric theories are false, since they are based on a false statement, a false postulate about the existence of ether in nature. No one has ever been able to provide a

simple, clear and convincing proof of the existence of ether in nature! The idea of ether is a false idea.

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### **Lie in the basics of physics and the theory of relativity**

But let's consider the theory of modern physics (TMF) and its main part, the theory of relativity (GR). At the heart of TMF and GRT lies a false position about matter: the matter of nature is not actually recognized by TMF (and GRT). There is no indication of a specific representation of matter in nature. For example, modern physicists still cannot make the conclusion that the contents of the elementary particles (EPs) are “pure” and concrete matter of nature. This means that it is impossible to introduce matter into the bosom of physics as the basic physical quantity (BPQ). There is nothing to introduce! Further, the basis of general relativity is a postulate, a statement, a judgment about the existence of a four-dimensional space-time in nature. But modern physicists and adherents of the theory of relativity do not provide any simple, clear, substantiated, unambiguous, consistent proof of the real existence of space in the nature. They simply do not have this proof. They also have no proof of the organic connection between space and time. These are just their basic assumptions.

This is the main triune lie of the modern party of physicists: a lie about matter, a lie about space, a lie about the connection between space and time.

A lie about matter is a wrong and incorrect understanding of the matter of nature by physicists and its inadequate reflection in the conceptual apparatus of physics. Wrong and incorrect understanding is tantamount to lying. This is a false understanding by physicists of the matter of nature, which is offered and imposed on ordinary people.

The false position of the party of modern physicists consists in its main features in denying the existence of matter of nature and at the same time in recognizing the existence of space in nature. In real nature, the situation is exactly the opposite. There is the matter of nature. There is no space in nature. This truth was revealed by the “Theory of Nature” (TN). That is why the modern party of physicists is so fiercely opposed to the recognition of TN. The vices and lies inherent in modern physics are revealed, which for more than a century have been carefully hidden by the modern party of physicists.

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### **Further reasoning**

We must also understand the fact that the modern party of physicists is under the auspices and complete control of bourgeois idealist philosophy (BIP), which is fundamentally false. Bourgeois idealistic philosophy (BIP) is a philosophy that is clearly contradicting nature itself, it is a philosophy opposed to the only true and scientific philosophy of dialectical materialism, it is a false philosophy and it is the philosophy of modern reactionaries and obscurantists. The party of

modern physicists on the path of an alliance with the BIP party is being pushed by the ruling party, the bourgeois party, the main leading, uniting and directing force of all modern reactionaries and obscurantists.

Modern physicists say that in order to understand and correctly evaluate the theory of relativity, one must “plunge” into it completely. Fanatics and religious reactionaries preach a similar idea about the Bible, Torah, Talmud, Koran and other religious dogmas.

What we need is a preliminary assessment on a two-digit discrete scale “false – true” of the foundation of a theory or doctrine. We will draw further conclusions ourselves. But for this it is not at all necessary to first know the whole subject, the whole theory.

For example, in the example already given above about the modern theory of relativity (GR), we found out that it is based on several false statements, sentences, postulates. These are such false statements, postulates:

- 1) There is no matter in nature and matter does not exist in nature in its concrete representation,
- 2) In nature there is a space of nature, but what it specifically represents, no one knows,
- 3) The space and time of nature exist in indissoluble organic unity as a four-dimensional space-time. But what this organic unity of space-time is specifically in reality, no one knows.

The lie of the first postulate is refuted by the fact that the contents of all elementary particles (EPs) are “pure” and concrete matter of nature.

No confirmation and no proof of the real existence of space or the real existence of four-dimensional space-time in the entire history of the existence and development of mankind have not been provided. This, with a high degree of confidence and credibility, testifies to the absence of real space in nature and, accordingly, real space-time.

The above arguments and proofs of the falsity of the foundations of the theory of modern physics (TMF) and the modern theory of relativity (GR) lead us to a logical conclusion about the falsity of whole these theories as a whole. Moreover, general relativity theory (GRT) is, by and large, a pseudoscience, and a militant pseudoscience!

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### **Initial introduction text**

This part of the article was originally an abstract and introduction. The author originally planned to delete this text, but then decided to keep it. Let it stay, it doesn't hurt. Maybe these additional clarifications will help some of the readers to better understand the “Theory of Nature” (TN). How do you know? I will not cross it out.

The main thing in TN: a capital, fundamental revision of the foundations of physics has been made on the basis of a dialectical-materialist understanding of

nature, on the basis (foundation) of the only true and scientific philosophy of dialectical materialism. First, the matter of nature, the matter that materialists have been talking about for so long, has been introduced into the bosom of physics as the main, basic physical quantity (BPQ). The second basic physical quantity is determined, is established a dimensionless quantity which determines the total (whole) amount of matter in nature (in the Universe). This is a unique constant in nature. Matter, thus, is introduced into the bosom of physics in its unique quality and together with its total amount in nature (in the Universe). All other physical quantities are derivatives of these two basic physical quantities. This applies primarily to such physical quantities as time, length, mass, elementary electric charge. Of course, this whole procedure of introducing matter into the bosom of physics as the main, basic physical quantity (BPQ) was preceded by an indication of the specific location of matter in nature. According to the conclusions of the TN, the content of the elementary particles (EPs) is “pure”, concrete matter of nature – a quantum of matter. A quantum of matter is the minimum amount of matter in nature. The quantum of matter is the minimal material flesh pulsating in the elementary rhythm of nature. The pulsation of a quantum of matter is the primary, basic, fundamental form of motion of matter.

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In this article, the author has made another attempt to reach out to the consciousness of physicists and present his “Theory of Nature” (TN) to the world community, primarily to the physical community of the West.

By his convictions, the author is a dialectical materialist and a communist. The author is not a physicist. The presentation of the material is based exclusively on the dialectical-materialistic understanding of nature.

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### **Another version of the introduction with extensive explanations**

I also planned to discard this piece of text initially, but decided to leave it.

Of course, before introducing matter into the bosom of physics as the basic physical quantity (BPQ), one must first determine, indicate the specific location of matter in nature. This is done into TN. The TN indicates the specific location of matter in nature – this is the content of elementary particles (EPs). Of course, elementary particles (EPs) are actually existing discrete material particles, as it has been established by experimental physicists over the last century. Of course, the philosophy of dialectical materialism, the only true and therefore scientific philosophy, is taken as the basis for understanding nature. Of course, the philosophy of dialectical materialism is an integral part of the ideology of socialism. The ideology of socialism, as is known, expresses the interests of the progressive, revolutionary classes of society. The ideology of socialism is the only true and therefore scientific ideology. The ideology of socialism is opposed to the ideology of the bourgeoisie – a false and unscientific ideology. In bourgeois countries (and these are the overwhelming majority on the planet today) a false and anti-scientific bourgeois ideology dominates. It is quite clear

what real obstacles stand in the way of introducing matter into physics, into its conceptual apparatus as the basic physical quantity, and what real social forces are vitally not interested in this. To introduce matter into the bosom of physics as the basic physical quantity, it is required to separate physics from bourgeois idealist philosophy (BIP), from anti-materialism. It is perfectly clear that physics and philosophy are organically linked. This is a deep connection. The author is not a physicist, but he perfectly understands that there is an organically inseparable connection between physics and philosophy.

As is philosophy, so is physics. If the philosophical core in physics is a fundamentally false bourgeois-idealist philosophy (BIP), the banner of which is rabid anti-materialism, as it is now, today, at the present time, in reality, then physics will be bourgeois-idealistic, false, anti-materialistic theory. A false theory cannot be a scientific theory. At present, the basically false BIP is actually the state philosophy of bourgeois Russia. Bourgeois idealist philosophy (BIP), false in its essence, was put by the party of power, the party of the bourgeoisie at the service of the bourgeoisie, to defend the anti-popular bourgeois system, its order and its values on the philosophical front.

If the philosophical basis of physics is the only true and scientific philosophy of dialectical materialism, then physics will also be a dialectical-materialist and true theory, it will be a scientific theory. What is philosophy, so will physics.

It is quite clear that both the BIP and anti-materialism have penetrated deeply into the consciousness of modern physicists and have taken deep roots in

physics. It is similar to a cancerous tumor and its metastases. But at the same time, bourgeois idealist philosophy (BIP) and anti-materialism form the basis of bourgeois ideology. Therefore, in order to introduce matter into the bosom of physics as the basic physical quantity, it is necessary, first of all, to abandon the false and anti-scientific bourgeois ideology. Ideology determines the structure and policy of the state. So it is necessary to change the policy and the state system.

This means that it is necessary to abolish, liquidate the anti-popular bourgeois system. This means that it is necessary to establish a just, truly democratic socialist system.

But this is the task of the social, socialist revolution. This is where the root of all evil ends up. This is where the “dog is buried”. This is who stands in the way of scientific progress. This is who is hindering scientific progress. The conclusion is unequivocal: “The bourgeois anti-people system and bourgeois power hinder the progress of physics, the progress of all science, and therefore, the progress of the whole society”. And obstruction of social progress is a sign of reaction and obscurantism. So it turns out that the modern bourgeois power is the brainchild and gathering of reactionaries and obscurantists.

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**The bourgeoisie is the main enemy of progress**

But the bourgeois system, the bourgeois power is a product, a “commodity”, the brainchild of a bourgeois party, which today is in power. This means that the bourgeois party, the party of power is the real reactionaries and obscurantists in modern society. And their “product” is rotten. This bourgeois, deeply anti-popular system must be destroyed, swept away. It must be replaced by a new democratic socialist system. Only then is free, independent, progressive development of all natural sciences possible, including physics and cosmology, in accordance with nature. Only as a result of the overthrow of the bourgeois system and replacing it with a truly democratic, socialist system, can one come to a correct, adequate and purely true understanding of nature, which the “Theory of Nature” gives us. The recognition of TN is possible only in a socialist state. In a bourgeois state, the recognition of TN is impossible. 7 years of the TN’s struggle with the bourgeois officials of Russia clearly demonstrate this. Down with the bourgeois system! Long live the socialist revolution! Long live TN – a revolution in physics, a harbinger of a revolution in society! Long live TN – a powerful breakthrough in our knowledge of nature and its fundamental laws. Long live the “Theory of Nature”, which has revealed to us the global, fundamental truths of nature, the entire Universe! Down with the power of the bourgeoisie, which prevents man's natural striving for truth, for the knowledge of nature. Down with the power of the bourgeoisie, which is planting religious lie on a state scale, the lie of the bourgeois-idealist party, the lie of the modern party of theoretical physicists who do not actually recognize matter, the lie of the bourgeois party about the democracy, perfection and eternity of the

bourgeois system. Down with bourgeois power, an anti-popular power that turns citizens into cattle, driving the masses of people into a party of cattle, created and specially concocted by the ideologists of the bourgeoisie to protect the stinking, decaying and vicious bourgeois power from the people hated by the bourgeoisie.

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### **Additional explanations, clarifications**

Nature is an objective reality that exists outside of our consciousness and independently of our consciousness. Nature exists absolutely. Nature is material and dialectical. These are the primary facts of nature. Materiality of nature means that all bodies, objects consist, ultimately, of matter, of discrete material particles, that is, they are material bodies, objects. The dialectic of nature means that all material bodies, objects are in constant motion (movement, development, formation, evolution). Matter of nature is an objective reality that exists in nature. Matter of nature is the unique and only substance of nature. Matter of nature is the primary principle, the primary essence, the primary origin and the primary cause of everyone and everything in nature.

It is quite natural that the philosophical basis of the “Theory of Nature” is the philosophy of dialectical materialism.

Perhaps I repeat myself sometimes, but repetition is the mother of learning. This is, in the first place. And secondly, now there is such a dominance of bourgeois-

idealist lie, nonsense, demagoguery, anti-materialism in scientific articles, and in articles on physics, throughout our everyday life, that we should keep this in mind and constantly remember. That is why the author of this article reminds, whenever possible, of his adherence to the philosophy of dialectical materialism – the only true and scientific philosophy. This justifies my repetitions. So do not judge the author of this article too harshly for repetitions.

I will not discover anything new if I say that physics depends on philosophy, and philosophy is part of ideology. What is the dominant ideology in society, such is its policy and such is its state philosophy. As is philosophy, so is physics. Today and over the past century, modern physics has been influenced by bourgeois idealist philosophy (BIP). This philosophy is false in its foundations. Because of this, modern physics is a bourgeois-idealistic physics (theory). But also therefore, due to this influence of the BIP, modern physics is really a bourgeois-politicized and bourgeois-ideologized theory. The banner of the BIP and its basis, as well as the core of bourgeois ideology (politics), is militant anti-materialism. But anti-materialism conflicts, contradicts and opposes the material and dialectical nature in its essence. This means that the teaching of anti-materialism is fundamentally a false teaching. But this lie has been adopted by the bourgeois party, the party in power. This lie has actually received the status of a state lie in all current, modern capitalist, bourgeois countries. Of course, the words “lie” and “bourgeois” the bourgeois power, the bourgeois ruling party does not use, does not use and does not apply in relation to its false bourgeois

ideology, to its false bourgeois doctrine of anti-materialism, to its false bourgeois idealist philosophy (BIP). These words are not used by bourgeois ideologists, propagandists, adepts, adherents, and in relation to all kinds of religious teachings. In this case, instead of the word “lie”, explicitly or by default, words and phrases are substitutes: “faith”, “conviction”, “hint of the soul”, “inner need”, “relay race or tradition from ancestors”, etc., etc. It is used for disguise, for concealing the real distortion and concealment of the meaning and content of the “rotten goods” offered for consumption. But from the fact that someone by design (evil or from ignorance) does not call a lie by his name, but uses, for example, the word “faith”, a lie does not cease to be a lie. Whatever you call a lie, a lie in its essence will always remain a lie. Even if you call a lie faith, truth, the lie will not change its essence. This technique, trick, “trickery”, manipulation of substituting meaning or content of concepts, when a lie is presented as “faith” or even “truth”, has been known for a long time. This is characteristic of the forces of reaction and obscurantism, which take this outright scam into their arsenal. Reactionaries and obscurantists dress up lie in the toga of faith or truth and offer this “rotten” product.

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### **Physics and Philosophy**

Physics depends on philosophy, and philosophy is part of ideology. Therefore, what is the ideology of the state, so is the prevailing philosophy. And what is philosophy, so is physics. But ideology determines and shapes the policy of the

state. In the modern era (and today it is the beginning of the 21st century), a capitalist, bourgeois system has been established in Europe, America, Russia, and bourgeois ideology dominates, and power is in the hands of the bourgeois party. Bourgeois ideology shapes bourgeois politics. Bourgeois idealist philosophy (BIP) is actually and essentially a state philosophy in bourgeois countries. This means that modern physics in bourgeois states is under the complete control of bourgeois idealistic philosophy and is itself bourgeois idealistic physics. At the same time, modern physics in bourgeois states is unambiguously a politicized theory that is subordinate and dependent on bourgeois ideology and politics. Both of these facts of the dependence of physics on philosophy and politics (ideology) are carefully hidden both by the bourgeois power and by the physicists themselves. Physicists like to talk about the fact that they are engaged in “pure science” and “pure physics”, allegedly independent of either philosophy or ideology and politics. By this, physicists, the entire physical host, indulge in lie, indulge in illusion. This also plays into the hands of the bourgeois party when it declares the freedom and independence of “pure science” from ideology, from politics, from philosophy in bourgeois society.

But all this is a lie, a lie, and again a lie, this is a bourgeois lie.

As it was explained above, physics (and all science as a whole) is organically inseparable, really connected and depends on philosophy, on ideology (on politics). As is philosophy, so is physics.

Therefore, in order to introduce matter into the bosom of modern physics as the basic physical quantity (BPQ), it is necessary to overcome its dependence on bourgeois-idealistic philosophy and bourgeois ideology (politics).

All this is solved relatively simply in the course, in the process, as a result of the victory of the socialist revolution. Down with the rotten bourgeois system! Down with the anti-popular bourgeois power! Give me a socialist revolution! Long live the socialist revolution! Forward to the victory of the socialist revolution! It is only under socialism that public recognition of the “Theory of Nature” is possible. Only under socialism is an unbiased, objective assessment of the scientific significance and consistency of the “Theory of Nature” possible. Only the socialist government is able to fully recognize the achievements and discoveries made within the framework of the TN. Only socialist power and socialist science are able to consider, see, understand and recognize the world-historical significance of the “Theory of Nature”.

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“Theory of Nature” is a product of the mental, rational activity of its author (Robert Yusupov). But those results, achievements, discoveries, conclusions, solutions to fundamental problems of the foundations of the universe, the foundations of nature, which are set forth in the TP, are the property of the whole people. They rightfully belong to all peoples. But the modern bourgeois power hides these revolutionary achievements in physics, natural science and cosmology from the people. TP was created 7 years ago. And all these 7 years

the bourgeois physical and state authorities do not recognize the “Theory of Nature”! The bourgeoisie are afraid of the truth, the true! Oh, how they are afraid! They are afraid more than death! Indeed, the bourgeois parties place their main stake on lie. Lie is elevated to the state level. The people are being fooled by lie. And truth is the opposite of falsehood. Truth exposes falsehood. Truth is death for the bourgeoisie. This is one of the main and essential contradictions in modern society. The bourgeois party is the main obstacle to the progressive and progressive development of science, physics and society as a whole.

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### **A word about matter**

Matter is the primary principle, the primary essence, the primary origin and the primary cause of everything and everything in nature. Matter is the unique and only substance of nature. Physics is the main science of nature among all natural sciences. And the main concept of physics is the concept of a physical quantity (PQ).

At the same time, the theory of modern physics (TMP) is based on seven basic physical quantities (BPQ). Matter is not on this list. This circumstance, this fact testifies, in particular, to the fact that the philosophical basis of the TMP is absolutely and unequivocally a fundamentally false bourgeois idealist philosophy (BIP), the banner and core of which is militant anti-materialism. It is also clear that this anti-materialism was perceived, it turned out to be in demand

by modern physicists and accepted by the party of modern physicists for use and execution: matter, as such, is not in the BPQ list. The same fact (the fact of the absence of matter in the BPQ list) at the same time also indicates that the matter of nature, as the basis of nature, in the existence of which no one doubts, is inadequately (incorrectly, falsely or simply in any way) reflected in the conceptual apparatus of physics. This is the most important thing in modern physics: the matter of nature is inadequately reflected in the conceptual apparatus of the TMP, it is not in the BPQ list and the matter is not a basic physical quantity (BPQ). This is the main problem with modern physics. The “Theory of Nature” leads us to this simple conclusion. But this misfortune of modern physics is at the same time, turns out to be the main fault of the entire modern physics party. The very physical lads, the elite, the camarilla entered into an alliance with the basically false BIP, which in turn is an integral part of bourgeois ideology. This is where all the troubles of modern physics and natural science come from. This is where all the troubles of modern physics and natural science come from. The bourgeois way of life, bourgeois values include falsehood and exclude truth, exclude true knowledge of the foundations of nature, the foundations of the universe. The bourgeoisie is the enemy of truth.

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### **Clarification of the author's position stated in the introduction**

Why does the author turn to Western physicists?

Because the author has been addressing physicists of bourgeois Russia for 7 years in a row! Deaf as in a tank! TN is already 7 years old and articles on TN have been sent to the editorial office for 7 years and are on the tables of the chief editors of leading Russian physics and philosophy journals. This was and is the author's numerous appeals to Russian physicists (and philosophers). These appeals continue to be ignored. But they remain valid.

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### **Nature, matter, modern physics and “Theory of Nature”**

TN is a new dialectical-materialistic view of the foundations of physics, as the main science of nature among all natural sciences.

The “Theory of Nature” does not negate or deny modern physics.

TN simply makes the necessary adjustments to the foundation of physics. As you know, the concept of a physical quantity (PQ) is the basic concept of physics. It is also well known that in the foundation of the building of modern physics, there are seven basic physical quantities (BPQ). It is believed that these are independent physical quantities. Matter is not among this list of the BPQ. However, modern physics recognizes the fact of the universal materiality of nature, recognizes the fact of the materiality of all bodies in nature. It is stated that modern physics is engaged in the study of nature, matter, the study of the properties and structure of matter, its simplest, and at the same time,

fundamental (physical) forms of motion. It is also stated that “matter is substance and fields”.

Matter is not on the BPQ list, but at the same time, matter is the unique and only substance of nature. Matter is the primary principle, the primary essence, the primary beginning and the primary cause of everything and everything in nature. It turns out that there is some kind of inconsistency in the matter of nature and its reflection in the conceptual apparatus of the theory of modern physics (TMP). Matter is the basis of nature, but matter is not the basis of physics. Something is wrong here! It should not be! Matter, as the basis of nature, should also be the basis of physics! Matter should be presented in physics as the basic physical quantity. We talk and reason about nature. Nature is an objective reality that exists outside of our consciousness and independently of our consciousness. Nature exists absolutely. Nature is knowable. Man cognizes nature. One of the forms of knowledge is theoretical knowledge, just theory. Physics is a theory about nature. Physics reflects nature in its concepts. The concepts of physics form the conceptual apparatus of physics. The reflection of nature in the conceptual apparatus of physics occurs through the medium of human consciousness. It is consciousness, generalizing and abstracting the data of our sense organs that forms concepts, scientific concepts. The cognition process is contradictory. The process of concept formation is a complex, multilevel process. The concept is one of the most important forms of our knowledge. A concept is an ideal, generalized, abstract image of our consciousness. The usual

way of forming concepts about nature, about the subject area of knowledge begins with nature. Our senses, together with consciousness, highlight a single object or phenomenon, a process taking place in nature. The direct reflection of a single object or phenomenon, process (when contemplating it) in our consciousness occurs in the form of sensations, perceptions, representations.

The path of sensory contemplation and cognition is the first, lowest, but necessary, step of our cognition.

The second, further (immediately following the first sensory form) stage of our cognition is the rational form of cognition. It is at this stage of cognition that concepts are formed, theories are created. Rational cognition, comprehension (generalization, abstraction) of the subject of our attention occurs in the form of concepts, judgments and inferences.

Rational cognition, starting from sensory cognition, is based on thinking in its various forms – these are concepts, judgments, inferences, hypotheses, theories.

The above is all absolutely correct reasoning and this is the point of view of the philosophy of dialectical materialism, which was actually the state philosophy of the world's first socialist state of the USSR.

If we want physics to be the main science of nature, it must first of all adequately reflect objects, phenomena, processes of the subject area in the conceptual apparatus of the theory. Matter is the basis of nature. And the content of elementary particles is precisely the “pure”, concrete matter of nature.

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## **Why are physicists of America and Europe playing the fool?!**

This should be asked from physicists themselves. But, in what I myself see (why I think so, what is my understanding based on) that America (USA) and united Europe (USE) are playing the fool?! Here I mean the theoretical physicists.

Why do I think that America and Europe are playing the fool?!

Direct question: “Why are America and Europe playing the fool?!”

A direct answer is presented in this article below.

Because there is the “Theory of Nature” (TN) by Robert Yusupov. TN is already 7 years old. TN is a new dialectical materialistic physics. TN is a revolution in physics. TN is a powerful, colossal breakthrough in our knowledge of nature and its laws. TN is a phenomenon, an event of world-historical significance and scale. TN is a significant milestone in the progressive development of natural science and, first of all, physics. But until now, over the past 7 years, “Theory of Nature” has not been recognized by physicists in America and Europe!

“Theory of Nature” is the beginning of an era of progressive development of physics, natural science and cosmology. TN is a firm rejection of the vicious “services” of bourgeois idealist philosophy, false in its foundations, from its erroneous worldview. TN is a return of physics to the platform of materialism, to the platform of nature. TN is a decisive transition of physics to a dialectical-

materialistic worldview and world understanding of nature. TN is a non-alternative transition to the rails and platform of the only true and scientific philosophy – the philosophy of dialectical materialism. TN is a turn of physics towards nature. TN is the expulsion and eradication (uprooting) of the bourgeois idealist philosophy (BIP), false in its foundations, from physics. Since the beginning of the 20th century, the BIP has been a philosophical pivot in physics for over a century. BIP preaches and instills in physics a vicious anti-materialism. The party of bourgeois idealist philosophy, which is false in its essence, together with the party of the bourgeoisie, the party of power (in the Russian Federation, the bourgeois party 30 years ago in a criminal way, against the will of the people seized state power) are the main responsible persons involved in the global, fundamental, long-term, systemic crisis of modern natural science and physics.

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Don't play the fool, America! And you, Europe, do not be fooled!

Stop indulging in divine religious falsehood.

Stop indulging in the lie of bourgeois idealist philosophy!

The time has come for cleansing from the filth of falsehood!

Take a look around. There is near the door leading to the truth.

It bears the inscription: “Philosophy of Dialectical Materialism”.

The time has come to join the truth.

The time has come to recognize the “Theory of Nature”!

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### **On the causes of the crisis in modern physics**

The reasons for the current crisis in natural science and physics are:

- 1) the adherence of the party of modern physicists, of all physics to an inherently false bourgeois idealist philosophy (BIP). It is also a departure from the position of spontaneous materialism inherent in physics of the past (19th century);
- 2) the militant (up to brain vomit), ossified, dank anti-materialism, which has settled in the minds of the overwhelming majority of physicists; anti-materialism is an integral part of bourgeois idealist philosophy (BIP), which is false in its essence, which seized control over all physics at the beginning of the 20th century;
- 3) the denial of the materiality of nature, denial of the primacy of matter in nature, denial of matter as a unique substance of nature, denial of matter as the primary principle, primary essence, the primary origin and primary cause of everything and everything in nature;
- 4) the inability of modern theoretical physicists, idealist physicists, anti-materialist physicists to draw correct conclusions from the huge factual material

about elementary particles (EP) accumulated over the past century. Fundamental conclusion about EP stating, that “The content of all EP is “pure” matter of nature. EP is a specific manifestation of matter in nature” was not made by theoretical physicists of the 20th and early 21st centuries;

5) incorrect, wrong, false and inadequate reflection of material nature as a subject area in the conceptual apparatus of modern physics. At the same time, the postulate, the assumption of the existence of the space of nature, is accepted as an unshakable basis of physics (and general relativity, GR), taken on faith, without good reason and without reasonable, convincing, unambiguous evidence of existence the space of nature.

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For some reason, the option of the absence of space in nature is not considered by the party of physicists at all. But it is precisely this circumstance that takes place in nature: in nature there is no space.

The recognition of the existence of space in nature is another global, fundamental mistake of modern physicists. The recognition of space as actually existing in nature, without providing weighty, well-reasoned evidence of its existence, is a fatal mistake of the modern party of physicists. I am not a physicist, but for some reason I understand it perfectly.

This is because I firmly adhere to the positions of the only true and scientific philosophy of dialectical materialism.

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As for matter, as the primary basis of nature, as the primary origin of nature, which implies the reflection of the matter of nature in physics, in its conceptual apparatus as the basic physical quantity, this is precisely what is not in the theory of modern physics (TMP) and naturally and accordingly it is not and in the theory of relativity (GR). But the contents of the elementary particles (EP) are “pure” and a concrete matter of nature. And the content of an EP is the most important property (characteristic) of a material object, body, elementary particle (EP), which is reflected in physics as a physical quantity. I am not a physicist, but for some reason I perfectly understand that matter, as the basis of nature, as a unique and only substance of nature, must certainly be introduced into the bosom of physics as the basic physical quantity. This is because I firmly adhere to the positions of the only true and scientific philosophy of dialectical materialism.

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To all of the above, it should be added that within the framework of the “Theory of Nature” more than 40 fundamental problems of physics, cosmology and natural science have been solved. But the physical school, the physical elite and the physical power of the Russian Federation, standing on the platform of anti-materialism, take a negative position in relation to TN. This is the position “I see nothing, I don’t know anything, I don’t understand anything”. According to the answers of the editors of physics journals “Articles on TN do not correspond to

the modern level of development of physics”. In simple terms, in Russian speaking, the physical power of Russia has been “playing the fool” for more than seven years and “posing as an incomprehensible fool” with an eye on the state bourgeois power and having secured its full support and understanding. The “Theory of Nature” (TN) has been posted in the public domain on the Internet on several sites for several years now.

Articles on the “Theory of Nature” are available to all people with access to the Internet. And such people are all modern physicists. Even if the articles are written in Russian, they can be easily translated by means of the Internet into English, French, German, Italian and other languages. So, the physicists of America and Europe, you have no right to refer to the language barrier. This excuse is not accepted. The fact remains that Western physicists, as well as Russian physicists, simply ignore the “Theory of Nature” (TN). That is why I say that Western physicists have been making a fool of themselves in relation to the “Theory of Nature”, just as physicists and the state authorities of the Russian Federation have been making obscurantism in relation to the “Theory of Nature” over the past seven years! Reaction and obscurantism in the ranks of modern physicists is the main factor holding back the progressive development of science and a factor hindering scientific progress in natural science and, first of all, scientific progress in physics itself, as well as in cosmology.

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**Continuing the conversation about the crisis in physics**

If about the cause of the crisis in natural science and physics of the late XIX and early XX centuries V. I. Lenin wrote briefly “matter has disappeared”, then regarding the crisis in physics and natural science at the beginning of the 21st century one should say “matter is not recognized” as the basis of physics.

In the theory of modern physics (TMP), matter is not recognized as the main physical quantity. The mention of matter causes an “attack of rage”, aggressiveness and anger in the vast majority of physicists. Matter is ignored in physics. Matter has not become a central figure in physics. Materialism and the ideas of materialism have been banished from physics. The consciousness of the party of physicists has been dematerialized, poisoned by the poison of anti-materialism. Anti-materialism sets the vector for the development of modern physics. Anti-materialism has ruined physics as a science. For the needs of the forces of modern black reaction and rabid obscurantism, modern physics gives a “scientific conclusion” about the immaterial nature of nature and the universe, about the possibility of creating nature. Have survived! We got to the handle!

Naturalists, physicists of the XX-XXI centuries could not find and indicate a specific representation of matter in nature. And as a consequence of this, matter was not introduced into the bosom of physics as the basic physical quantity. The solution to the problem of concrete representation of matter in nature the entire XX century and the first 20 years of the XXI century lay and continue to lie on the surface. Matter of nature, “pure” matter of nature is the content of elementary particles (EPs). Over the past century, experimental physicists have

discovered, investigated and studied several hundred EPs by now. Here, the EPs are precisely the concrete carriers of the matter of nature. EPs are a concrete representation of matter in nature. The conclusion about the matter of nature really lies on the surface. It only had to be done, formulated. But the brains and consciousness of all modern physicists (forming the party of modern physicists), including the elite, were “captured” by the rabid anti-materialism introduced into physics by the bourgeois idealist philosophy (BIP), which is basically false.

If materialism, dialectical materialism recognizes the materiality and dialectic of nature, recognize the facts of nature, recognize nature as it is in reality, correspond to nature, carry the truth of nature, are true teachings about nature, then anti-materialism is a lie about nature, it is a false idea of nature, it is a false doctrine of nature. Bourgeois-idealist philosophy took root in physics, created its own school of “physical” idealism in physics, become a philosophical core in modern physics from the beginning of the 20th century. The collective “physical” consciousness of physicists, the entire physical community and the entire party of physicists at the beginning of the 20th century could not withstand the onslaught of basically false bourgeois idealist philosophy (BIP) with its reactionary nature and obscurantism, with its militant anti-materialism. Throughout the past century, matter has not been admitted into physics, matter has not been recognized by physics. It is clear that living physicists are behind the theory of physics. A certain analogy suggests itself: for the last 7 years, the

“Theory of Nature” has not been accepted by physicists, TP is not recognized by physicists. History repeats itself?

The crisis in natural science and physics began at the end of the 19th century. This crisis did not end, it smoldered latently, as if underground, smoldered “like moss under the ground”, but it did not end, it continued throughout the entire 20th century.

This crisis in natural science and physics continues to this day.

This is a crisis of ignoring the material foundations of nature and an adequate reflection of these foundations in the conceptual apparatus of physics.

This is the crisis of the bourgeois idealist view of nature.

This is a crisis of the false, bourgeois idealist understanding of nature.

This is a crisis of weakness and failure of the false bourgeois-idealist philosophy and ideology. This crisis is part of the general crisis of the decaying bourgeois system, the crisis of bourgeois power, the bourgeois way of life and bourgeois values.

This is a crisis of denial of the material fundamental principle of nature and the inability to indicate the specific location of matter in nature.

This is the crisis of the entire bourgeois system of anti-materialism.

This is a crisis of the actual non-recognition of the matter of nature by the party of physicists and its actual expulsion from physics.

This crisis is manifested in the active non-recognition of the “Theory of Nature” by the physical and bourgeois-state authorities of the Russian Federation.

The degradation of the physical school in Russia is also a consequence of this large-scale crisis.

This is a crisis in solving the problem of matter.

The problem of matter, the question of matter within the framework of a fundamentally false bourgeois idealist philosophy, which has received the status (elevated to the status) of state philosophy in a bourgeois state, cannot be solved in principle.

Materialism and anti-materialism are two incompatible poles.

“Nature is material and matter is the fundamental principle of nature”, – it is a true statement. This truth lies at the heart of the philosophy of dialectical materialism.

“Nature is not material or matter is not the first principle of nature”, – this is a false statement.

This lie is the basis of bourgeois idealist philosophy.

The problem of matter and the issue of matter have not been resolved in essence. The crisis did not end, it smoldered latently, as if underground, smoldered “like moss under the ground”, but it did not end, it continued for a century. The crisis

in natural science and physics has not ended by 2020 either. It continues now in official, state physics.

But this crisis was resolved within the framework of the “Theory of Nature”, created 7 years ago. But the bourgeois Russian government and the bourgeois party of physicists of the Russian Federation do not care about all this. The bourgeois power degrades, agonizes, parasitizes and cannot really objectively and impartially evaluate even ingenious discoveries in the field of natural science and physics.

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It's time, it's high time to change and throw this anti-people government into the dustbin of history. This is a snuffed up, incapacitated, degraded, absolutely useless and unnecessary power. It is an oppressive, parasitic, rotten, stinking, decayed, criminal, bourgeois power.

Instead of an anti-popular bourgeois power, it is necessary to establish a people's socialist power. History knows only one way to solve this problem: it is revolution.

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### **Lie and moral and psychological terror the party of the bourgeoisie**

Non-recognition of TN for 7 years is essentially a moral terror of the entire bourgeois power of the Russian Federation against the author of TN. It is also a

moral and psychological terror against all people, striving to know the truth, the truth of nature, the truth of human society. Hindering scientific progress, hindering the spread of truth, hindering the spread of truths about nature, discovered within the framework of the "Theory of Nature", the bourgeois power at the same time opens the door wide to all kinds of false teachings and theories.

Powerful forces in society are based on lie. Lies are in the foundation of their theories, teachings and dogmas. These are aggressive forces alien to the people. These are deeply anti-national forces. These forces today represent various parties and detachments well mobilized for the struggle against the people. These are such parties and detachments as the party of priests, the party of bourgeois idealist philosophy (BIP), the bourgeois media, the party of modern theoretical physicists and the party of the bourgeoisie. There are also a number of smaller parties and support groups. All these are modern reactionaries and obscurantists.

Lie is a sought-after product of bourgeois society. Lie is a rotten product of a rotten society – a bourgeois society.

The lie is raised to the rank of state. These are such forms of lies as:

- 1) Lie about God, about the existence of God (the Almighty) initiated and spread throughout the world by the party of religion, the party of priests and churchmen. The lie about God (the Almighty) is at the root of all religious

teachings. That is why all religions, all religious teachings are false teachings, false theories. After the introduction of an amendment to the Constitution about the mention of God, this religious lie acquired the status of a state one.

2) Lie about the primacy of the ideal, the idea over the material, over matter. This lie is generated and disseminated by the party of bourgeois idealist philosophy (BIP), which is fundamentally false philosophy. In modern bourgeois Russia, this big lie of bourgeois idealist philosophy (BIP) has been adopted by the ruling party, the power party, the bourgeois party. The BIP lie is actually a state lie in bourgeois Russia.

3) Lie preached and spread by theoretical physicists, by the entire physical party. This is a specific lie. This lie consists in the concealment (intentional or unintentional) of the material principle in nature. The party of modern physicists, being under the intoxicating influence of bourgeois idealist philosophy, has taken from it the lie “in the package” of anti-materialism. And anti-materialism is a denial of the materiality of nature, a denial of the fact of the materiality of nature. Naturally, in the heat of anti-materialism, it is impossible to talk about the materiality of nature. The metastases of idealism, anti-materialism, which have settled and spread in the brains, in the head, in the minds of physicists, do not allow physicists themselves to see and recognize the materiality of nature and find the matter of nature in its concrete representation. Elementary particles (EPs) are a concrete representation of matter in nature. They are also material bodies, concrete carriers of the matter of nature. The very matter of nature, the “pure” matter of nature, is the content of the elementary

particles (EP: protons, neutrons, electrons, etc.). But modern physicists, who are in alliance and friendship with bourgeois idealist philosophy, cannot draw this conclusion. Modern physicists, in their ability to think realistically and correctly, were ruined by their pernicious adherence to a fundamentally false bourgeois-idealist philosophy. With whom you lead, from that you will gain!

4) Lie of the ideologists of the bourgeois party about a just bourgeois system – an earthly paradise for all.

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The adherence to the lie of the party in power, the party of the bourgeoisie, becomes pathological. Lie is the main weapon of the ruling party. Lie is also the main weapons of all modern forces and parties of reaction and obscurantism, subject to the bourgeois party. Almost the entire internal policy of the party in power, and this is a bourgeois party, is based on lie. This internal policy of the party in power, the policy of mass fooling with lie, the policy of deceiving the people, citizens of the country, huge masses of people with all kinds of lies, can be called the moral and psychological terror of the bourgeois government against all people, against the entire people. This is a great moral and psychological terror against the people, legalized by the bourgeois authorities. And this is not an illusion, not a dream, but reality, the realities of our life. You have to understand this. Of course, only a socialist revolution can put an end to this chaos in our life.

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## **“Theory of Nature” against bourgeois state lie**

TN is also the exposure of modern centers of generation, propaganda and dissemination of lie in society.

Explanation The role of these centers of lies today is performed by:

- 1) The united religious party of clergy priests. This includes all kinds of national religious centers and national parties of priests, churchmen, clergymen.
- 2) The united party of bourgeois-idealist philosophy (BIP). This includes national parties of various kinds and types of bourgeois-idealist philosophy;
- 3) The united party of theoretical physicists, standing on the platform of bourgeois idealist philosophy (BIP). This includes the national parties of theoretical physicists;
- 4) The bourgeois media;
- 5) The party of the bourgeoisie, the party in power.

The main party of modern forces of reaction and obscurantism is the united party of the bourgeoisie. It unites all these parties, all these centers, detachments of lies, is their “brain”, the leading center, organizes, inspires, finances and directs their activities. The main, basic big lie of the bourgeois party is a lie about an allegedly just capitalist world order, about the humanity of the bourgeois system, about its eternity, inviolability, and correctness. In fact, the bourgeois system with its bourgeois values is deeply alien to the fundamental

interests of working people and it is a deeply anti-popular system. It is a system hostile to working people. The main goal of the bourgeois system is the fabulous enrichment of a handful of the rich (“new Russians” in the Russian Federation, for example), the bourgeoisie at the expense of the exploitation of the broad masses. Under capitalism, the people become even more mendicant, even more powerless and even more dependent on whims, stupidity, idiocy, scum and tyranny of the bourgeoisie, the bourgeois party, the party in power. The people are being intensively processed by lie on an unprecedented scale and they are being driven into the stall of a party of cattle. The party of cattle is the brainchild of the party of the bourgeoisie, created from the degraded layers of the population, for shameless, thoughtless and unconditional support of the party of the bourgeoisie at all kinds of public events, including elections and voting. The main goal of the bourgeois (enrichment, super-profits) can be achieved only when the bourgeois themselves are in power. Bourgeois, in essence anti-people power is now established in the Russian Federation, the USA, and most European countries.

TN is a powerful, crushing blow to the teachings and theories of the main forces of modern reaction and obscurantism: to the false and anti-scientific bourgeois-religious worldview and doctrine; on bourgeois idealist philosophy (BIP), which is false and anti-scientific in its foundations bourgeois-philosophical doctrine, school; according to the idealistic foundations of the modern physical school, which stands on the positions of the basically false bourgeois idealist philosophy

(BIP); according to the bourgeois worldview and the bourgeois way of life; according to the false bourgeois system of values; according to the entire deeply anti-popular bourgeois-capitalist system.

We note once again that the fundamentally false bourgeois-idealistic philosophy (BIP) and its worldview have led modern physics to a deep, global, fundamental, systemic crisis.

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### **Why do I say that physicists in America and Europe are fooling around?!**

Because for seven years now, within the framework of the Theory of Nature, the most important worldview problems, fundamental problems of physics, natural science and cosmology have been solved, many mysteries of nature have been solved. But all this is not noticed, all this is simply ignored by the parties of physicists and bourgeois parties in power in the Russian Federation, in the United States and in European countries and around the world.

Because for 7 years now, none of the structures of bourgeois society (physicists, philosophers, power) are able to really, skillfully, soberly and impartially evaluate the achievements of the “Theory of Nature”, its results. All these authorities for 7 years have been demonstrating the “miracles of kicking off” to a lower level of numerous letters and appeals of the TN author to the authorities. The authorities are unable to see even ingenious discoveries. Meanwhile, within

the framework of TN, about 40 fundamental problems of the universe, the foundations of nature, physics, and cosmology have been solved.

Why do I say that physicists in America and Europe are fooling around?!

Because for seven last years there has been no positive signal about the recognition of the “Theory of Nature” and its results. There is no such recognition, both on the part of Russian physicists and on the part of the physical communities of the USA and united Europe. This signal is absent from the political elites, who, as they themselves claim, keep their finger on the pulse of the social life of their countries. But the “Theory of Nature” is far from an ordinary event in the social life of Russia and other peoples.

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### **Model of the universe, model of the Universe**

Within the framework of the Theory of Nature, a unique dialectical-materialistic model of the universe, nature and the Universe has been created and presented to the entire world and the scientific community (including). This model is most consistent with objective reality, nature, than any other modern model, including the model of modern physics. This, one might say, is a model of the real Universe (and hence of nature), its structure and its evolution. One of the main points of this author's (Robert Yusupov) dialectical-materialistic model of the universe (and the Universe) is the fact that a specific representation of matter in nature has been revealed. Matter, about which materialists of all times and

peoples, materialist philosophers, dialectical materialists of recent times (XIX-XXI centuries) have talked about for so long, is finally acquiring its specific location. By the same step, in finding a concrete manifestation of matter in nature, numerous false theories and teachings of all kinds of schools and centers of bourgeois idealist philosophy are exposed and refuted, the basis of which is fierce, vicious anti-materialism, anti-materialism to cerebral vomiting. Of course, materialists, dialectical materialists, speaking, reasoning about matter, in their conversations and articles, books used for this a generalized concept of matter, used the abstract philosophical category “matter”. But all materialists at all times have always remembered and constantly reminded about this, always had in mind that in its essence matter is the fundamental principle, the primary essence, the primary origin and the primary cause of everything and everything in nature. Matter is the unique and only substance of nature. This is the basic understanding of matter, which is found in all the teachings of all materialists, including in theory, in the philosophy of modern dialectical materialists. This also applies to Marxist-Leninist philosophy (MLP) in general. This also applies to dialectical materialism in particular.

The most important step of the dialectical-materialist ascent from the abstract understanding of matter to the concrete, objective representation of matter in nature has been made. The concrete representation of the matter in nature, the “pure” matter of nature, is, perhaps, first of all, the content of elementary particles (EPs). The same logical and simple step from a fundamentally false,

bourgeois idealist philosophy (BIP), deeply hostile to the only true and scientific philosophy of dialectical materialism, and opposed to the philosophy of nature itself, cannot be done in principle, it is absolutely impossible. The position of anti-materialism, which is an integral part of the BIP, will not allow this, it will never allow it!

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Don't play the fool, America! And you, Europe, do not be fooled!

Stop indulging in divine falsehood. Stop being lethargic! It's time to wake up.

It's time to get back to reality.

It's time to look around. It's time to turn your face to nature.

There is nearby the door leading to the truth.

It has the inscription: "Dialectical materialism".

The time has come to join the truth!

It's time to get rid of centuries-old and multi-headed falsehood!

It's time to recognize the "Theory of Nature"!

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### **Climbing (ascend) from the abstract to the concrete**

Within the framework of the "Theory of Nature", a decisive step has been taken to ascend from a generalized abstract understanding of matter in the philosophy

of diamat (and in physics, respectively, the same thing) to a concrete representation of matter in nature. Concrete matter in nature is represented, for example, by elementary particles (EPs). Physics of the last century, of course, it is, first of all, experimental physicists who discovered, conducted experiments thoroughly studied several hundred elementary particles (EPs). The most famous EPs, as everyone knows, are proton, neutron and electron. “Mountains” and “seas” of experimental material on EPs have accumulated in the archives of physicists. It remains to summarize this material and draw the appropriate conclusions. Of course, certain conclusions have been drawn and there are a number of remarkable conclusions. This is, for example, such a conclusion that all EPs are actually existing discrete material particles. This is such a conclusion that the atoms of all substances found in nature consist of elementary particles of protons, neutrons and electrons. This is the conclusion that there is a distinguished nucleus in the atom, consisting of protons and neutrons. This is such a conclusion that in the composition of the atom, in addition to the nucleus, there are electrons that are not included in the nucleus. This is such a conclusion that an electron and a proton have an electric charge, but these are opposite charges, equal in absolute value. Probably, and for sure, there are other generalizing conclusions. The author does not know about all the conclusions, he cannot know. The author is not a physicist by profession. Probably, new conclusions will be drawn as the further study of the accumulated available extensive, experimental, factual material on elementary particles (EPs). But the author of the “Theory of Nature” knows the main thing. The author knows and

understands nature very well. Nature is an objective reality that exists outside of our consciousness and independently of our consciousness. Nature exists absolutely. Nature is material and nature is dialectical. These are two basic facts about nature that lie on the surface, which a person directly contemplates and perceives. The facts of the materiality and dialectic of nature are tantamount to the fact that there is a philosophy of nature and this is a philosophy of dialectical materialism. There are two possibilities before a person: to admit these facts unconditionally or not to admit these facts. We, dialectical materialists, recognize these facts and recognize nature as it is in reality, without discarding anything and without any embellishments, notions. Our understanding of nature corresponds to nature, corresponds to the philosophy of nature. This means that we correctly, adequately understand nature and the philosophy of nature. This means that our understanding of nature is true. Nature and truth are on our side. We do not discard the facts of the materiality and dialectic nature of nature.

But we do not take on faith, without proof, all kinds of tales, mysticism and esotericism about nature. We also do not take on faith the numerous myths, notions, fantasies about the existence of God (the Almighty), ether and space in nature. In the entire history of mankind, no one has ever provided any real evidence of the existence of God, ether or space in nature. All religious teachings fundamentally contradict nature, do not recognize the facts of nature, do not recognize the primacy of matter in nature and do not correspond to nature. This means that the religious understanding of nature is a false

understanding of the world. The teachings of all kinds of schools of bourgeois idealist philosophy also do not correspond to nature and therefore are false. The bourgeois-idealistic understanding of nature is also a false understanding of the world.

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Don't play the fool, America! You are not a universal madhouse, are you?!

And you Europe do not be fooled!

Not tired of living a lie?!

Stop indulging in divine, religious falsehood!

Stop indulging in bourgeois-idealistic philosophical lie!

It's time to join the truth. Take a look around.

Material and dialectical nature is around us.

There is near the door leading to the truth.

It bears the inscription: "The Philosophy of Dialectical Materialism".

The time has come to join the truth.

It's time and it's high time to join the truth.

The time has come to recognize "Theory of Nature"!

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## **Concrete matter of nature**

But one circumstance should be paid special attention to when analyzing a huge array of factual material, information about elementary particles (EPs). This is a very important circumstance. This is a very important point and fact. This is a fact of an ideological scale. This is something that escaped scrutiny and remained outside the attention of physicists due to their real adherence to an inherently false bourgeois idealist philosophy (BIP). As you know, the banner of the BIP is a furious, vicious anti-materialism, which means, among other things, the denial of the primacy of matter, the denial of matter as a primary and unique, the only substance in nature. This fact (the fact of physicists' adherence to the idea of anti-materialism) should be given special attention. It was this circumstance that prevented physicists from drawing the correct worldview conclusion from the factual material on EPs accumulated over a hundred years. From the position of rabid, embittered anti-materialism, this conclusion cannot be made in principle, it is simply impossible.

What is the fundamental, worldview nature, generalized conclusion that follows from the huge factual experimental material accumulated over a century on elementary particles (EPs)?! This is a completely and absolutely simple conclusion: “The content of the elementary particles (EPs) is “pure” and concrete matter of nature”. The very same EPs, as already mentioned above, experimental physicists imagine, as really existing in nature minimal material discrete bodies, particles. These EPs are in no way imaginary, seeming, unreal,

mystical, “theoretically loaded objects”, as some people try to assert and base their speculations on.

This conclusion about the materiality of the contents of the EPs (“the contents are “pure” and concrete matter of nature”) lies on the surface. This conclusion suggests itself. This conclusion is absolutely clear for dialectical materialists and for a person of materialistic convictions. This conclusion is absolutely clear and transparent for any normal person, whose consciousness is not clouded, dusty and not distorted either by false religious teachings or by the teachings of fundamentally false bourgeois idealist philosophy (BIP). But the blind, holy faith of the entire physical community in the big lie of the BIP (and the main thing in this lie is its open anti-materialism) did not allow physicists themselves to come to this completely simple, natural, fundamental conclusion, which logically suggests itself from the “mountain” accumulated over the last century experimental data and facts on EPs. This honor, this fundamental, ideological conclusion belongs by right to us, dialectical materialists. This conclusion was made in the “Theory of Nature” (TN), which until now (for 7 years now) has not been recognized by the physical party of the Russian Federation. It is clear that the party of physicists rules and commands the bourgeois party standing above it, the party in power – the main unifying center and controlling body for all modern forces of reaction and obscurantism. This conclusion (about matter as the contents of EPs) was not made by physicists. The party of modern physicists is under the full influence, aegis and control of the bourgeois party. The party of

modern physicists is also, and this is primarily under the full influence, aegis and control of the party of bourgeois idealist philosophy (BIP), which is fundamentally false. Bourgeois idealist philosophy (BIP), false in its essence, has actually been elevated to the rank of state philosophy in Russia. This is the decision of the bourgeois party, the party in power. The BIP lie has become a state lie, acquired state status. This means that anti-materialism, as an integral part of the BIP, has a state status. And from the position of anti-materialism, matter cannot be recognized. Therefore, physicists for more than a century history of studying elementary particles have not been able to draw a correct conclusion about the content of the EPs. The bourgeois power, in fact, by default, imposed a taboo, a veto on the matter of nature, on the truth about nature.

Lie in the law, lie rules the country.

A bleak picture stands before us.

A lie is in the law, a lie rules the country, a lie has been elevated to a state status, a lie has been adopted by the bourgeois government and a lie is taken as the basis of the internal policy of the bourgeois state. Lie is everywhere and everywhere. A lie is imposed on the people, a lie is introduced into the consciousness of people, lie is the basis of the state bourgeois-idealist philosophy, which young people and students are deceived. Lie in the foundations of physics ruins physics as a science.

And the party of physicists is subject to the party of power, the party of the bourgeoisie. “You can't trample against the authorities”.

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### **Degradation and tyranny of the bourgeoisie**

Let me remind you that the only true and scientific Marxist-Leninist philosophy (MLP) in general, and its first section, dialectical materialism in particular, are outcasts in any bourgeois society, including the Russian Federation and in the USA and in Europe. The school of dialectical materialism that existed in the USSR is practically ruined and paralyzed (by the will of the bourgeoisie). It lies in ruins and eats out a miserable existence. The truths that Marxist-Leninist philosophy (MLP) and dialectical materialism carry, as well as the truths discovered within the framework of the dialectical-materialist “Theory of Nature” turned out to be unnecessary, unclaimed by bourgeois physical society and bourgeois state power! This is the fact. This is the reality of our time. And in this, far from being an ordinary case (I am talking about the “Theory of Nature” and its ordeals), the deep anti-popular essence of the bourgeois way of life, the entire animal capitalist system, the entire rotten bourgeois system, incapable of elementary correct judgment and the withdrawal of the rotten and stinking bourgeois power.

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The achievements of even the world level, achieved by ordinary people from the poor strata of society that do not belong to the recognized elites, are not noticed by the bourgeois power, are ignored, torpedoed. There is, and this is openly demonstrated, the absolute indifference and disregard of the bourgeois Russian authorities to the achievements of world significance. An example of the “Theory of Nature” is before us!

The bourgeois “top”, the bourgeois elite, bourgeois advanced top managers who have received an elite American or European elite education, cannot cope with a simple situation, solve a simple task: to give an unbiased objective real assessment of even brilliant, revolutionary discoveries and achievements in science. An example of the “Theory of Nature” is before us! “The fish rots from the head”.

The truth about the concrete representation of matter in nature is absolutely unnecessary for the capitalists and bourgeoisie who are in power in bourgeois countries. The progress of science, physics in the knowledge of the fundamental foundations, the secrets of the universe, nature is not worth the attention of the bourgeois elites, is outside the interests of bourgeois society.

The bourgeois do not need this progress in our knowledge of nature, since it does not promise the capitalist class, the bourgeoisie, any immediate benefits and profits. An example of the “Theory of Nature” is before us! From the knowledge of nature, from the knowledge of its basic fundamental laws, the laws of evolution of the Universe and nature, which dialectical-materialistic

physics (and this is the “Theory of Nature”) gives us, you will not make any wealth, you will not get rich, you will not gain momentary profit. The “Theory of Nature” is a pure science that does not give profit. A rotten society is a bourgeois society. A deeply anti-popular society is a bourgeois society. A criminal society is a bourgeois society. A society that openly obstructs scientific progress is a modern bourgeois society. An example of the “Theory of Nature” is in front of our face. At the head of bourgeois society is the bourgeois government, the party of the bourgeoisie. The bourgeois power and the parties subject to it, detachments actively and comprehensively hindering social and scientific progress in practically all areas, represent (are) the modern forces of reaction and obscurantism. Within the framework of TN, impressive results have been achieved in our knowledge of nature from the side of natural science, from the side of physics. But for seven years now these results have been hushed up, not accepted for consideration, not considered. The tyranny of the party of theoretical physicists is a stumbling block for the progress of science. An example of the “Theory of Nature” is before our eyes!

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Don't play the fool, America! You are not a universal madhouse, are you?!

Stop indulging in divine religious falsehood!

Stop indulging in the lie of bourgeois idealist philosophy!

Take a look around. There is near the door leading to the truth.

It has the inscription: “The Philosophy of Dialectical materialism”.

The time has come to join the truth.

It's time, it's high time!

The time has come to recognize “Theory of Nature”!

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### **“Theory of Nature” for 7 years**

My “Theory of Nature” (TN) is already 7 years old. And all these 7 years I tried to reach out to the physical community, to the consciousness of physicists, to physical power, to bourgeois-state power. Everything is useless. Dull as in a tank. The people's access to power is closed firmly and reliably. The bourgeois government has built a barricade between the people and the government in accordance with all the rules of the art of war – you cannot pierce with a gun, you cannot slip with a mouse. The gap between the people and the government is insurmountable. The people with this bourgeois power are not on their way. The government needs the people only as an obedient, attentive cattle or “cannon fodder”. It is high time, long overdue, to separate the worthless bourgeois power from the people. It is high time, long time ago, to call tyrants of all stripes by their own names – tyrants, bourgeois henchmen and bourgeois lackeys. The reactionary nature of the bourgeois party is manifested in everything. The reactionary nature of the bourgeois party on the question of

science is evident. You don't have to go far for examples. An example of the “Theory of Nature” is before our eyes!

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Signals from my side, from my “Theory of Nature” have been going in all directions and ends and to all instances continuously for 7 years in a row. Letters were written to all authorities. And for all 7 years these signals from the TN are simply not noticed, or are hushed up or ignored or simply kicked off by the Russian authorities of all levels and stages: physical, philosophical, and bourgeois-state. This is how this deeply anti-popular bourgeois power is organized. Not to notice the people, their needs. Not to notice his accomplishments, achievements. Ignore all his (people) messages, mostly sad, sometimes joyful. In essence, bourgeois power is an occupation power.

Articles on “Theory of Nature” were also sent to the editors of a number of foreign physical and philosophical journals. But everywhere there was a refusal. Not a single bourgeois editorial board of the West has shown the need for scientific truth, as well as the desire to learn scientific truth and the desire to publish the already discovered scientific truth.

Physicists are silent. The parties of physicists (RF, USA, Europe) are silent. As if water had been taken in mouth or choked. What did you choke on? Probably physicists choke by the true or scientific philosophy of dialectical materialism.

For the bourgeoisie, for the party of the bourgeoisie, for the party of modern physicists, it's like a bone in the throat.

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### **Dialectical materialism and TP. Faith and Lie**

“Theory of Nature” (TN) is based and firmly stands on the only true and scientific philosophy of dialectical materialism in particular and the entire Marxist-Leninist philosophy (MLP) in general. At the same time, modern physics has a fundamentally false bourgeois-idealistic philosophy (BIP) at the heart of its philosophical foundation. This situation has been taking place in modern physics for more than a century, since the beginning of the 20th century. The philosophical core of modern physics is a fundamentally false bourgeois idealist philosophy (BIP). Lie from the BIP are passed on to physics, passed on to physicists, passed on to the entire modern party of physicists. The main lie of the BIP lie and manifests itself in its violent, militant anti-materialism, in its anti-materialistic essence and orientation. To this should be added (clarified) the sweeping, categorical denial of the primacy of matter in nature. The BIP lie is perfectly disguised. The BIP lie uses for its cover an extreme degree of hostility towards the only true and scientific philosophy of dialectical materialism, towards the philosophy of nature itself. Lie of BIP also uses such a widespread technique as an appeal to faith to disguise itself. The BIP lie tries to appeal to faith: they say, we believe in the primacy of consciousness, and materialists believe in the primacy of matter. This belief of ours (belief in the BIP) has

proved its correctness by the fact that the bourgeois system remains in power. And the faith of the materialists turned out to be refuted by the fact that the stronghold of materialism – the first socialist country of the USSR – collapsed. But these are false conclusions and false foundation (faith). Yes, it is true that the fundamentally false bourgeois-idealist philosophy (BIP) is based on faith. But in relation to the philosophy of dialectical materialism, this is a banal lie. True, the truth is that the philosophy of dialectical materialism is not based on faith. The philosophy of dialectical materialism is based on nature itself, its laws and the philosophy of nature itself.

But since the materiality and dialectic nature of nature are the primary, basic, fundamental facts of nature itself and the philosophy of nature is the philosophy of dialectical materialism. The philosophy of dialectical materialism is identical to the philosophy of nature, fully consistent with nature as a whole and basically, this means that the philosophy of dialectical materialism is a true and scientific philosophy. The appeal to faith can be traced, first of all, among religious authorities and leaders. The appeal to faith is also used by authorities, professors, and academics of a fundamentally false bourgeois-idealist philosophy.

Both idealism (and religion) or dialectical materialism are put on one, false in relation to nature, starting position.

This absolutely cannot be done. This is a false starting position from the side of nature, from the side of logic, from the side of correct reasoning. From a false

starting position, we will come to false conclusions and to false consequences. Faith is a false starting point for the philosophy of dialectical materialism. But faith is also a false starting point for bourgeois idealist philosophy. The starting point for any philosophy is, by and large, nature. It is on nature and its facts that the philosophy of dialectical materialism is based. And this has nothing to do with faith. In this case, the recognition of the facts of nature is important, the recognition of nature itself as it is in objective reality. This is what the philosophy of dialectical materialism stands on. But bourgeois-idealist philosophy does not recognize the fundamental facts of nature and nature itself as it is. From the true platform, from the platform of nature, BIP slides onto the platform of denial of objective reality, denial of the facts of nature, onto the platform of false notions about nature, onto the platform of opposing nature, that is, onto the platform of lie and belief in this invented lie.

That is why, starting from nature (the true platform), but immediately betraying nature, and indulging in illusions, fantasies and myths about nature, bourgeois-idealist philosophy starts from the false position of faith. The very word and concept “faith” is used by the adherents of the BIP precisely for the purpose of covering up their false initial attitudes, their deviation from nature and their opposition to nature. Faith is synonymous with lie in the mouths and deeds of the adherents, adepts and defenders of bourgeois idealist philosophy. A similar remark fully applies to adherents, adepts, supporters of all kinds of religious (and therefore false and deeply anti-scientific) teachings. At the heart of the

world outlook, understanding of the foundations of nature, the party of bourgeois-idealist philosophy (BIP) and all kinds of religious parties, the parties of priests stand on the foundation of a false faith, on the positions of faith and lie. The core of all religious teachings and dogmas, of all trends and schools of bourgeois idealist philosophy (BIP) is a lie, a false belief either in God (the Almighty) or in the primacy of the ideal and the secondary nature of the material.

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The core of all religious teachings and dogmas, of all trends and schools of bourgeois idealist philosophy (BIP) is a lie, a false belief either in God (the Almighty) or in the primacy of the ideal and the secondary nature of the material. The party in power, the party of the bourgeoisie, relies heavily on religion and the BIP, on their lies. It is clear that the party of the bourgeoisie plays an extremely negative, restraining, absolutely reactionary role in social development.

Dialectical materialism is a philosophy of the forces of progress, development, of all progressive strata and groups of society.

Dialectical materialism is a philosophy of nature itself. Dialectical materialism is the recognition of such primary facts of nature as its materiality and dialecticity (dialectical nature). Nature is material. This means that all bodies, objects, objects in nature consist, ultimately, of minimal discrete material

formations, particles (this is actually an elementary particles, EP). Nature is dialectical. This means that everything in nature is in motion, change, evolution, development, in becoming, in dynamics.

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Take a look around. There is near the door leading to the truth.

It has the inscription: "The Philosophy of Dialectical Materialism".

The time has come to join the truth.

It's time, it's high time!

The time has come to recognize the "Theory of Nature"!

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### **Bourgeois idealist philosophy and nature**

Bourgeois idealistic philosophy takes a negative position in relation to nature. The primacy of matter in nature is denied. Matter is denied, rejected as the unique and only substance of nature. Matter is rejected, denied, as the first principle, the first essence, the first beginning and the first cause of everything and everything in nature. According to BIP in the first place is the idea, the

ideal, false belief in the primacy of the idea, ideal and immaterial. According to the BIP doctrine, the matter, material is declared secondary. Some absolute or objective idea is primary. And the matter is a product, a development of an idea, an embodiment of an ideal beginning. Matter in the BIP is placed in second place after the idea, ideal. Basically false BIP is the philosophy of the ruling party, the party of the bourgeoisie. In fact, the BIP rejects the fact of the materiality of nature as a primary fact. At present, in all modern bourgeois states, the basically false bourgeois-idealist philosophy (BIP) is in fact a state philosophy. In Russia, the BIP actually became state after the commission of a criminal, anti-national, counter-revolutionary, anti-constitutional, anti-state coup in the USSR in 1991. This was a crime against the entire people of the USSR. Therefore, the regime that came to power after the collapse of the USSR is also a criminal regime. In the Soviet Union, state philosophy was in fact the only true and scientific Marxist-Leninist philosophy (MLP), which includes dialectical materialism.

Basically false bourgeois idealist philosophy (BIP) in the Russian Federation at the present time, in fact, has actually become the state philosophy of bourgeois Russia. BIP in Russia actually has the status of a legalized big state lie. Basically false bourgeois idealist philosophy (BIP), its structures and divisions, institutions, schools, departments are generously funded from the country's budget. A party of priests and church priests also aimed at state funding in the Russian Federation. The first step in this direction was the introduction of an

amendment to the country's Constitution to mention God. This “operation” ended in success. The forces of reaction and obscurantism prevail. But this is a Pyrrhic victory. Russia has been thrown back into medieval obscurantism. In the future, the ruling party, the bourgeois party, intends to introduce a law on the tax on God, religion, and the church. The people of Russia will pay the tax.

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The time has come to join the truth!

It's time and it's high time to join the truth!

It's time and it's high time to recognize the “Theory of Nature”!

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### **Reasons for refusals**

Over the past 7 years, articles on TN have been repeatedly sent to various editorial offices of Russian and foreign physics and philosophy journals. But rejection invariably followed for various insignificant or sucked from the finger

of reasons. So some editors-in-chief or authorized secretaries stated in their replies something like this: “Your article is original and has not been approved by the scientific community”. Or “We didn't find any new ideas in your article”. Or “Your article does not correspond to the modern development of physics!” Or “In the article, the author uses the concept of matter, but does not realize that the category “matter” in the works of V. I. Lenin and in the works of F. Engels has a different meaning”. Here I want to make an explanation and say that my TN presents a specific solution to an ideological question, a fundamental problem about matter, about its specific representation in nature. The matter of nature is the content of all elementary particles (EP). Here is my understanding and definition of the matter of nature. This is “pure” and concrete matter of nature. Both my understanding of matter and understanding of matter by the classics of Marxism-Leninism K. Marx, F. Engels and understanding of matter by V.I. Lenin are absolutely identical, not opposed to each other. At the heart of our common understanding of matter is the following basic idea: matter is an objective reality that exists outside of our consciousness and independently of our consciousness, which affects our senses and is reflected in our consciousness in the form of an ideal image, concept and category. To categorically oppose the understanding of matter of the above persons, authors, and oppose the authors themselves to each other – this is an unscrupulous technique of all bourgeois ideologists, propagandists, adherents, adepts, lackeys and editors of modern bourgeois philosophical journals. All the notorious anti-materialist rhetoric and demagoguery of bourgeois philosophers, adherents of a fundamentally false

bourgeois idealist philosophy, is based on this and similar, analogous tricks and chicanery. With the help of lie, sophisticated lie and demagoguery, with the help of the basically false BIP, bourgeois philosophers have been trying all the time after its creation in the 40s of the XIX century, to refute, overturn, discredit the doctrine and theory of the only true and therefore scientific philosophy of dialectical materialism and all Marxist-Leninist philosophy (MLP) in general. And other behavior in the conduct of discussions from reactionaries and obscurantists in the flesh (henchmen of the BIP) can not and should not be expected. There can be no question of any honesty, even in terms of conducting discussions, on the part of the forces of reaction and obscurantism, and there can be no talk, no equal conversation with reactionaries and obscurantists. We can only expose lie, demagoguery and provocations in their statements and judgments. This is the reality and must be reckoned with.

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Don't play the fool, America! And you, Europe, do not be fooled!

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Stop indulging in the lie of bourgeois idealist philosophy!

Take a look around. Nature is material and dialectical in its essence around us.

There is near the door leading to the truth.

It has the inscription: "The Philosophy of Dialectical Materialism".

The time has come to cast aside all lies and join the truth!

The time has come to recognize “Theory of Nature”!

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### **On fundamental problems of physics and TN**

What problems were solved within the framework of the “Theory of Nature” (TN) seven years ago. These are fundamental problems of physics, natural science and cosmology. These are worldview problems of the foundations of the universe and nature. Let us list some of them with detailed or small comments (explanations).

**1. The problem of the structure of nature**, the problem of the composition, structure and evolution of the Universe. The problem of the matter of nature and the problem of natural, universal, absolute time;

Comments and explanations The Universe is the largest material object that exists in nature. The Universe has a material center – the Singularity. The Singularity exists in an environment of emptiness (vacuum). Matter is the content of the Singularity. The Singularity emits matter. The emitted matter is thrown out, radiated into the surrounding vacuum (emptiness). Matter is emitted in equal portions, NUM objects. Each portion of matter contains the same amount of matter – one natural unit of matter (NUM). Emitted matter (NUM-object) receives an initial impulse and begins to move uniformly and rectilinearly in a radial direction away from the center of the Universe, away

from the Singularity. The process of radiation of matter by the Singularity is a unique process in the entire Universe. This is a strictly periodic, harmonious process. This process takes place in the natural rhythm of nature. It would be more correct to say that this very process of radiation of matter by the Singularity sets the natural rhythm of nature and the entire Universe. It will be correct and true if we consider the Singularity as a Universe's scale and material oscillator that generates and sets the frequency of nature, the frequency of the Universe – the natural rhythm of nature. It is in this natural rhythm that the entire evolution of the Universe takes place at the macro level (this is the Universe level, the Singularity level, the level of the radiation of NUM-objects). Everything in nature, in the Universe, on a macro scale is subordinated to this natural rhythm of nature, to this natural Universe frequency. The Singularity should be understood as a unique, universal, Universe's generator and supplier of all matter for the entire Universe. It is from the matter emitted by the Singularity in the form (as) discrete material NUM-objects that the entire Universe is subsequently built: all material formations, objects, bodies in the Universe. So, the Universe has a dedicated material center, the Singularity, emitting matter. The Universe can be considered as a material tandem “Singularity + Universe2”, where “Universe2” is understood, meaning the Universe without the Singularity. Here in this picture of being, nature (this is a dialectical-materialistic model – the YRA-model of the universe, developed within the framework of the “Theory of Nature”) the fact of the expansion of the Universe gets its quite satisfactory explanation. The Universe is expanding from

its center, from the Singularity. It is in this picture of the universe and the Universe (YRA-model) that the fact of the appearance of matter in the Universe also receives its full explanation. Matter enters into the Universe from the Singularity, the material center of the Universe, in equal portions strictly periodically, harmoniously in the natural rhythm of nature. It is in this picture of being or nature (YRA-model) that the fact of the primary inertial motion of material bodies in nature gets its satisfactory explanation. Namely, having received the initial impulse in the process of radiation, each material NUM-object begins to move by inertia rectilinearly and uniformly, in the radial direction, away from the center of the Universe. If in the future the NUM object disintegrates into its component parts, then the inertial impulse is inherited proportionally to all parts of the disintegrated NUM object. Here it is an inseparable connection of matter, a material object, its motion, its inertia, its inertial motion. Since the radiation of matter (NUM-objects) occurs in different directions, and is distributed in a uniform manner, the whole Universe can be considered a large, huge spherical Universe's material formation, a material object with a structure. The Universe is a sphere "swelling" in volume over time. Periodic, harmonic, strictly rhythmic (in the natural rhythm of nature), a unique natural the Universe's process of radiation of matter by the Singularity sets the flow, constant rhythm and pace of natural, the Universe's absolute time. The Singularity process is the standard of nature and the Universe time. Thus, the secret of the Universe time is also revealed within the framework of the "Theory of Nature", within the framework of its dialectical-materialistic YRA-

model of the universe and the Universe. There is nothing mystical, supernatural, divine and ideal in time. This is the simple secret of natural time, which humanity has been trying to uncover throughout its history.

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The discovery of this secret has come true. This secret is revealed within the framework of the “Theory of Nature” (TN), firmly standing on the positions of the only true and scientific philosophy of dialectical materialism. This is the power of dialectical materialism! TN, its achievements, discoveries, solutions to fundamental problems of physics, cosmology and its conclusions have not been recognized by modern physicists for 7 years now (physicists of the Russian Federation in the first place). The party of modern physicists, the entire physical elite, all modern physicists and all modern physics are in captivity of a fundamentally false, deeply anti-scientific in content and absolutely anti-materialistic in essence bourgeois idealist philosophy (BIP), which is also the state philosophy of all bourgeois countries, and Russia is among them. The bourgeois idealist philosophy (BIP), which is inherently false, is deeply rooted in the minds of physicists, blinds physicists and closes the path to truth for modern physicists. And philosophy is an integral part of ideology. The bourgeois ideology rules in the bourgeois society. The bourgeois state rests on adherence to this false (bourgeois) ideology. Bourgeois ideology is fooling large masses of people, churning out obedient puppets from them, driving them into the party of cattle. This is what the ruling party, the party of the bourgeoisie, is

placing its main stake on. At any cost, she clings to power. The interests of the common people, the interests of society and the interests of the development of society along the path of progress are deeply alien to the bourgeoisie and the bourgeois power. This is the power of reactionaries and obscurantists. The people must wake up from a deep lethargic sleep and claim their legal rights to power. The people must choose a worthy government for themselves.

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Don't play the fool, America! And you Europe do not be fooled!

Stop indulging in divine religious falsehood!

Stop indulging in the lie of bourgeois idealist philosophy!

Take a look around. Nature around us is material and dialectical in its essence.

There is near the door leading to the truth.

It bears the inscription: "Philosophy of Dialectical Materialism".

The time has come to cast aside all lies and join the truth!

The time has come to recognize the "Theory of Nature"!

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## **2. The problem of the identity of time and matter;**

One of the most important conclusions of the "Theory of Nature" is the conclusion about the identity of time and matter.

The strictly periodic, harmonic process of matter radiation by the Singularity, which takes place in nature, allows us to easily perceive and establish an organically inseparable one-to-one correspondence between the beat of the natural rhythm of nature, its duration and the emitted matter in the form of a NUM-object. We have already said that a NUM object contains a natural unit of matter (NUM=1). It is quite clear that the time duration of one natural beat of the rhythm of nature is a natural unit of time (NUT=1). Since only the matter of nature is a unique and only substance of nature, then naturally, with logical necessity, with dialectical-materialistic inevitability and inevitability, a simple, clear, unambiguous and natural fundamental conclusion follows that time is measured by matter (the amount of matter). The time duration of one natural beat (cycle) of the natural rhythm of nature is measured by the amount of matter emitted by the Singularity during this beat (cycle). And this is the natural unit of matter NUM (NUM=1). This means that we can, on a legitimate good reason, reasonably put:  $NUT=NUM=1=const$ , and write down the following natural, universal symbolic equality (identity): “**time = matter**”. This is the law of nature, the law of the identity of time and matter. Time and matter are different essences of nature. But these are so indissoluble, existing only together, existing in the organically unity two essences, that we must identify them in our reasoning and in our understanding of nature. Moreover, in the future in this article there will be a detailed story about the triune essence of nature “**matter + motion + time**”. So, we must write down a more general, extended law of nature, the law of the triune identity of the essences of nature: “**matter = motion**

= **time**". Then the law of identity of time and matter will be a consequence of this generalized law of nature. The interpretation of this law of nature in relation to the NUM-object is as follows: the natural unit of matter (NUM) per one beat (cycle) of the natural rhythm of nature (set by the pulsation of the Singularity) the duration (beat!) of which is equal to the natural unit of time (NUT) is shifted by a natural unit length, moving at a constant speed set for the moment the NUM object emanates from the Singularity.

Naturally, a fundamental conclusion about the identity of time and matter in nature could be made only on the basis of the only true and scientific philosophy of dialectical materialism. The philosophy of the dialectical materialism (diamat) is considered the main enemy of the bourgeoisie. This is natural, since lie (as the starting position of the party in power, the party of the bourgeoisie) and truth are incompatible. Ominous dark forces of reaction and militant obscurantism, having taken a lie as their allies (and this is a lie of bourgeois idealist philosophy, religious lie, lie of the bourgeois media, lie of the bourgeois party, other forms of lies), today they rule in all bourgeois countries. Hot class battles of the forces of progress, development, peace and socialism with the forces of rabid reaction and obscurantism at the disposal of the bourgeoisie, the party of the bourgeoisie, which is the main enemy of all mankind, the main enemy of the progressive development of all human civilization, are still ahead.

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The time has come to join the truth.

The time has come to recognize “Theory of Nature”!

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### **3. The triune essence of nature;**

We must draw an even more meaningful conclusion. The process of radiation of matter by the Singularity shows the inextricable connection of the three main essences of nature: matter (as a substance), the movement of matter (radiation is a type of movement) and time. Matter in this process is represented by the natural unit of matter (NUM), the NUM object. The movement of matter is the emission of matter by the Singularity in the form of a NUM object. And time is a natural unit of time (NUT). NUT is the time duration of one step (cycle) of a strictly periodic, harmonic process of matter radiation by the Singularity, during which radiation of one NUM-object occurs.

Thus, we have, in one NUM-object, an organic inseparable combination of three basic essences of nature: matter, motion and time, as if into one triune essence of nature. On this basis, we are talking about an indissoluble, organic unity, the

unity of matter, motion and time. There is no matter outside of motion, just as there is no motion apart from matter. Movement is an attribute of matter. But the motion of matter is possible only in time. Matter, motion and time – this is the threefold indissoluble essence of nature. This is revealed from the consideration of the process of matter radiation by the Singularity, and its elementary unit – a single step (cycle) of this process, when one material NUM-object is emitted. Allocation of one NUM-object means its discreteness. One NUM object is separated from another NUM object by a void (vacuum). Discreteness is an important property of a NUM object. But discreteness implies emptiness (vacuum) as a necessary condition for discreteness. This means that vacuum (emptiness) exists in nature, in the Universe as an objective reality.

The Universe is an objective reality. The Universe and the Singularity, as a material tandem, is an objective reality. Singularity, as a material emitting center of the Universe, is also an objective reality. The process of radiation of matter by the Singularity is an objective reality. The material discrete NUM objects emitted by the Singularity are also objective reality. Emptiness, vacuum is also an objective reality. All NUM-objects, as a triune essence of nature (matter + motion + time), are also an objective reality. This is nature. This understanding and this knowledge, this truth and truth bears and gives us the “Theory of Nature”, which is like a bone across the throat for the modern physical elite and physical power.

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Don't play the fool, America! And you, Europe, do not be fooled!

Stop indulging in divine religious falsehood.

Stop indulging in the lie of bourgeois idealist philosophy!

Take a look around. There is near the door leading to the truth.

On it the inscription: "Philosophy of dialectical materialism = philosophy of nature".

The time has come to join the truth.

The time has come to recognize the "Theory of Nature"!

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**4. The problem of infinity / finiteness in nature.** Elementary particles problem, quantum of matter problem

Within the framework of the "Theory of Nature" it is established that in nature, in the Universe, there is no infinity. Infinity is neither constructive nor productive. A simple example of the divisibility of material bodies leads us to quite conscious results. When dividing, splitting any material body into smaller parts, there are two logical possibilities. Either this division is infinite, or this division is finite. If the division into parts of an arbitrarily taken material body would never end, then we would never have achieved any final, productive, concrete result. This process would never stop and would continue forever and endlessly.

Without the final concrete result of the process of division, fragmentation of an arbitrary material body, we would not be able to say anything concrete about matter. We would have no right to talk about any results. These results simply would not have happened.

The process of division of the material body would never end.

The division limit of the material body would never be reached. This is “bad infinity”!

The question of matter could never be resolved. All this means that we are faced with “bad infinity” in this matter. But nature is simple and it is one of the principles of nature. This means that no “bad infinity” and simply infinity does not exist in nature.

On the other hand, if the process of division, fragmentation of an arbitrary material body, in the end, ends, then we come to the minimum material body, a particle containing the minimum in nature and then not divisible, not crushable amount of matter. And we already have such bodies, particles. These are elementary particles (EPs). Elementary particles include, for example, protons, neutrons and electrons. In modern experimental physics, several hundred EPs have already been openly and thoroughly studied.

So, in the process of division, fragmentation of material bodies into smaller parts, we, in the end, that is in a finite number of steps, come to elementary particles (EPs). All EPs should consist of the same minimum amount of matter

in nature. This follows from the principle “nature is simple”. This amount of matter should justly be called a quantum of matter. Each EPs consist of a quantum of matter. It is the quanta of matter that generate the entire set of EPs. Here is the material unity of the world, nature. The quantum of matter is the material “first brick” of nature and the Universe. And elementary particles (EPs) are material carriers of specific and “pure” matter of nature. Here it is a concrete representation of matter in nature: the content of an EP is a concrete, “pure” matter of nature – a quantum of matter. Here are just a few more basic, fundamental conclusions of the “Theory of Nature”, which the physicists of the Russian Federation cannot recognize for 7 years already. Shame, as they say for all time, indelible shame. All modern physical men are unable to give a proper, objective, unbiased, honest assessment of the “Theory of Nature”. All this disgrace, all this tyranny, all this chaos and bedlam in relation to TN and its author has been taking place for seven years in a damned bourgeois society! This is rotten, obsolete, stinking society. This is a society deeply alien to the people, a society that hinders the progress of science. This is incurably sick bourgeois society. The bourgeois system must be replaced. The cure is known: it is a socialist revolution. There is no other way. History knows no other.

Failure to recognize “Theory of Nature” and its results is a clear sign of reaction and obscurantism, as the most important characteristics inherent in the power of modern bourgeois society, the bourgeois Russian state. Today, at the beginning of the 21st century, a deeply anti-popular bourgeois system, the “Putin era”, has

been established in Russia. The stake is placed on a global and widespread lie, on fooling people with false teachings and theories. The centers of these false doctrines, theories, schools, trends, currents are the modern forces of reaction and obscurantism, which have found refuge in the party of priests, in the party of bourgeois idealist philosophy, in the party of modern theoretical physicists, whose consciousness is in captivity of the basically false BIP. But the main reactionary force, the leading force of obscurantism in the modern era, is the party of the bourgeoisie, the party that holds and usurps power today, the inspirer, organizer and chief financier of all other reactionary parties, detachments and groups. The bourgeois party is the party of the modern slave owners. The essence is the same – the enslavement of the people, but the bonds of slavery are different, more sophisticated.

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Take a look around. There is near the door leading to the truth.

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The time has come to recognize the “Theory of Nature”!

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**5. The problem of the finiteness of the Universe (in all respects). The problem of the unique constant of nature**

Within the framework of the new dialectical-materialistic physics, which is unrecognized by present physical power the “Theory of Nature” by Robert Yusupov, a fundamental issue has been resolved, the fundamental problem of the finiteness of the Universe in all its main parameters has been solved. Most importantly, a unique (and universal) constant of nature has been established. This is such a numerical value, the approximate value of which is  $UCN=1.21026*10^{44}$ . It is actually an integer decimal number of 45 decimal digits. For today, only 5-7 first digits of his presentation are known for sure. We have yet to determine its exact meaning. But today we already know a lot about this unique constant. The main thing is known.

So, for example, we have known for 7 years from the “Theory of Nature” (TN) the following “purpose” of the unique constant of nature (the Universe):

1) The total amount of matter in the Universe is  $UCN \text{ NUM}$  (natural units of matter). The amount of matter in  $NUM$  in numerical terms is 1 ( $NUM=1$ ). Initially, all this available amount of matter is contained in the Singularity (the material center of the Universe).

2) The total time of the evolution of the Universe is UCN NUT (natural units of time of nature). The time duration of the NUT is numerically 1 ( $NUT=1$ ).

3) The minimum amount of matter (EUM) in nature is contained in a quantum of matter. The numerical value of the amount of matter that is part of the quantum of matter or (more correctly) that forms the quantum of matter is equal to the value  $EUM=UCN^{-1}=1/UCN$ .

4) The minimum time duration in nature (this is a quantum of time) corresponds to the minimum amount of matter in nature (this is a quantum of matter). The numerical value of the time slice (EUT) is equal to the value  $EUT=UCN^{-1}=1/UCN$ .

The Singularity has finite dimensions, not yet defined in TN. Since the expansion of the Universe proceeds with the maximum speed in nature, and this is a finite speed, it is absolutely clear that at any moment of its evolution the Universe has a finite size, a finite diameter. The Universe is not infinite in extent. The Universe is not infinite in the duration of its existence. There is no infinity in the Universe. The Universe is finite in all its characteristics and parameters. This is also a fundamental conclusion made within the framework of the “Theory of Nature”, which has not been recognized by the bourgeois physical community of the Russian Federation for seven years now.

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**6. The problem of the dependence of physics on philosophy. The problem of matter in the foundations of physics**

Explanations and comments It is common knowledge that physics depends on philosophy. Philosophy "sits" in physics. Philosophy "sits" in the brains and in the minds of physicists. As is philosophy, so is physics. This understanding has been known for a long time. It should be noted that TN does not solve this problem. This problem was solved a long time ago. TN only once again confirms the correctness of this decision.

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F. Engels wrote about the dependence of natural science, physics on philosophy as follows:

“Natural scientists believe that they free themselves from philosophy by ignoring it or abusing it. They cannot, however, make any headway without thought, and for thought they need thought determinations. But they take these categories unreflectingly from the common consciousness of so-called educated persons, which is dominated by the relics of long obsolete philosophies, or from the little bit of philosophy compulsorily listened to at the University (which is not only fragmentary, but also a medley of views of people belonging to the most varied and usually the worst schools), or from uncritical and unsystematic reading of philosophical writings of all kinds. Hence they are no less in bondage to philosophy, but unfortunately in most cases to the worst philosophy, and those who abuse philosophy most are slaves to precisely the worst vulgarised relics of the worst philosophies.

Natural scientists may adopt whatever attitude they please, they are still under the domination of philosophy. It is only a question whether they want to be dominated by a bad, fashionable philosophy or by a form of theoretical thought which rests on acquaintance with the history of thought and its achievements.

“Physics, beware of metaphysics!” is quite right, but in a different sense.

Natural scientists allow philosophy to prolong an illusory existence by making shift with the dregs of the old metaphysics. Only when natural and historical science has become imbued with dialectics will all the philosophical

rubbish—other than the pure theory of thought—be superfluous, disappearing in positive science”

[Engels F. Dialectics of Nature. Pages 490-491. KARL MARX FREDERICK ENGELS. Volume 25. Engels. 2010, Lawrence & Wishart Electric Book. XXVI 750 pp. ISBN 978-1-84327-969-3.].

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The bourgeois way of life, activity, creativity turned out to be destructive, pernicious for science, for the theory of modern physics and for physicists themselves. The scholarship of physicists has become a hostage to bourgeois ideology, which includes a fundamentally false bourgeois idealist philosophy (BIP). You won't go far on a lame horse. On the basis of a false BIP, one can only come to false conclusions and to false physics. It is quite clear that the theory of modern physics (TMP) is a party, is bourgeois-idealistic theory based on the basically false the BIP. Because of this, imbued with lie and anti-materialism of the BIP, the TMP itself is a false theory, and TMP is not a science. This conclusion follows logically and immediately from consideration of the foundations of modern physics, where there is no matter among the seven basic physical quantities. The absence of matter in the list of basic physical quantities is an indicator (the main fact!) of the dependence of the TMP on the BIP, this is, firstly. And secondly, the absence (this is the main fact!) of matter in the list of basic physical quantities in physics is a sign of the falsity of modern

physics. Modern physics gives us a false, distorted, inadequate reflection of nature in its conceptual apparatus, primarily with regard to matter.

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Matter of nature, as the basis of nature, is not properly, adequately reflected in the conceptual apparatus of modern physics. This proper and adequate reflection of the matter of nature in physics, in its conceptual apparatus, must necessarily be the representation of matter in the foundations of physics as the main physical quantity. The anti-materialism of modern physicists, instilled in them by bourgeois-idealistic philosophy (BIP), driven into their brains, struck their minds like a cancerous tumor, give its negative shoots: the progressive development of physics and natural science was delayed for more than a century. All this time, physics was ruled and controlled, false in its essence, deeply anti-materialistic and anti-scientific BIP. It is this kind of physics, this kind of TMP (anti-materialistic, false, anti-scientific) that is needed by the forces of modern reaction and obscurantism. It is this kind of physics that provides a “scientific” explanation of the inconsistency of materialism for the party of priests and the BIP party. Thus, reactionaries and obscurantists of all stripes and colors, including from these parties and detachments, receive a kind of “scientific” confirmation (“approvals”) to continue their further coven, obscurantism. This “scientific” service is rendered to them by modern bourgeois-idealistic physics, which is false in its foundations, and is in the strong embrace of bourgeois-idealist philosophy. Modern physicists can say

whatever they like and whatever they want about their attitude to philosophy (and this attitude is mostly negative), but the main fact is that the absence of matter in the list of basic physical quantities unambiguously and stubbornly indicates the adherence of modern physics to a fundamentally false bourgeois idealist philosophy (BIP). The BIP's banner is rabid anti-materialism. This ugly anti-materialism, perceived by physicists, finds its real embodiment and reflection in the list of physical quantities – there is no matter in this list. The absence of matter of nature in the list of basic physical quantities (BPQ) unambiguously indicates that the philosophical core of the theory of modern physics (TMP), including the theory of relativity (GR), is the notorious, basically false BIP.

With whom you lead, from that you will gain. On the other hand, the same circumstance, this fact, the fact of the absence of matter in the BPQ list, testifies to the fact that the modern party of physicists does not know, does not want to know, ignores or simply rejects the philosophy of dialectical materialism – the only true and scientific philosophy, the philosophy of nature itself. According to the law of the excluded third, rejecting one of the opposites, we logically inevitably take the side of the other opposite. The philosophy of dialectical materialism and the BIP are opposites. Rejecting the true and scientific philosophy of dialectical materialism (diamat), in fact, in essence (matter in TMP is not recognized as the main physical quantity), physicists automatically and logically inevitably take the side of the basically false BIP.

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## **7. The problems solved within the "Theory of Nature"**

The following problems were solved within the framework of the "Theory of Nature" (the list is not complete):

- the problem of dependence of physical quantities of length, mass, time;
- the problem of the physical quantity mass;
- the problem of matter as a physical quantity;
- the problem of the connection between matter and mass

Explanations and comments

All these problems are also solved in the “Theory of Nature”, solved 7 years ago. But this did not interest at all, did not touch the physical elite and the physical power of the Russian Federation, and even more so the rotten, deeply anti-popular bourgeois-political elite and the bourgeois power in the Russian Federation. Fundamental problems of physics have been resolved, the greatest revolution in physics has been accomplished, but academicians, professors, doctors of sciences and candidates of sciences in physics, physical authorities from the Department of Physical Sciences of the Russian Academy of Sciences “do not bother”, “do not blow a mustache” and “do not kick in oak” and “make a fool out of themselves and play”! They do not need the truth, however, discovered within the framework of the TP. It hates them. Truth exposes them as accomplices and scientific lackeys of the bourgeoisie. Physicists, the whole party of physicists of the Russian Federation are not interested in the discoveries made by the “Theory of Nature” (TP). They are not interested in the results achieved within the “Theory of Nature”. They are not interested in the solutions of fundamental problems of physics, cosmology and natural science set forth in TP. They are content with the “warm place” that the party of the bourgeoisie, the party in power, has identified and indicated for them. They are always ready to fulfill the “scientific” orders, orders and services of the bourgeois party. The main instruction for the party of physicists from the party of the bourgeoisie is this: “do not let the matter of nature into physics”! Until now, this order has been successfully carried out by a party of physicists, whose consciousness has been thoroughly duped by bourgeois idealist philosophy (BIP). These are

bourgeois “interests”, orders, morals and values. This is bourgeois reality. Bourgeois power is a form of modern slavery. The modern bourgeois system, the modern bourgeois power is both material and spiritual (and moral) enslavement of the people. Bourgeois power is a guarantee of further impoverishment and an even greater infringement of the rights and freedoms of the people, their further oppression and enslavement. By introducing the mention of a lying God into the Constitution, raising religious lie to the rank of state lie, the bourgeois power of the Russian Federation thereby tries to take away (steal) from the people the natural right to truth, to a true understanding of nature, society and the laws of their development. And the truth is, in particular, that God does not exist in nature. The people of Russia are forcibly imposed a religious lie, a lie about God (the Almighty). The lie of bourgeois idealist philosophy (BIP) has long been registered in the Russian bourgeois state (in “Putinland”), has become an untouchable “sacred cow”, elevated to the rank of state bourgeois lie. This big bourgeois-idealist lie, which has actually become a state lie, is imposed on our youth and students in all universities in bourgeois Russia. This is an abnormal phenomenon in our life. After a vote on the inclusion of a mention of God in the Constitution, held on July 1, 2020, religious lie also receive state status and patronage in the Russian Federation. The bourgeois state, the bourgeois party that seized power in the Russian Federation at the beginning of the "dashing" 90s of the XX century, relies on lie, on fooling people with lie.

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## **8. The problem of natural units of length, mass, time**

Within the framework of the "Theory of Nature", the problem of natural units of length, mass, time, elementary electric charge was posed and solved. The problem of natural units of nature has long worried human minds. One can point to the solutions to this problem by the German physicist M. Planck and the Irish physicist J. Stoney, proposed in the late 19th and early 20th centuries. The solutions to this problem proposed by these remarkable physicists of the past and the solution given in the framework of the "Theory of Nature" are close, of the same order, proportional to each other. But the decisions of the named

physicists remained, as it were, at a theoretical, abstract level in the history of physics and science. These solutions have not been brought to a concrete embodiment in nature. These physicists took idealistic positions in physics. The philosophy of dialectical materialism was not known to them or they shunned it. These respected physicists could not reach the essence of the problem, the essence of nature. And the essence of nature is matter – the unique and only substance of nature. Matter is the primary principle, the primary essence, the primary origin and the primary cause of everything and everything in nature. This is the truth, this is all the truth. But neither M. Planck, nor J. Stoney considered and recognized the matter of nature as the main physical quantity. They stopped before material nature. Be that as it may, but after an abstract theoretical solution of the problem of finding, determining the natural units of length, mass, time, it was necessary to take a step towards nature and point to a specific material body in nature, which would be the material carrier of these natural units. At the time when J. Stoney and M. Planck proposed their solutions, the concept of an elementary particle had not yet been developed. The first elementary particle, the electron, was experimentally discovered only in 1895. The “Theory of Nature” (TN) was established in 2011-2014. By this time, several hundred EPs had already been discovered and thoroughly studied. It was firmly established that all EPs are actually existing discrete material bodies, particles. It has been firmly established that the atoms of all chemical elements are composed of protons, neutrons that form the nucleus of an atom, and electrons located at a distance from the nucleus.

The author of the “Theory of Nature” made the assumption that the content of all EPs is the matter, the “pure” matter of nature. Another assumption of the TN’s author was that the composition of all EPs contains the same amount of matter – the minimum amount of the matter in nature. This minimum amount of matter was called the quantum of matter. The next assumption of the author about the quantum of matter was that the quantum of matter was declared material flesh pulsating in the rhythm of nature. Another assumption of the author was that the process of pulsation of a quantum of matter (as the internal motion of matter) is a strictly periodic, harmonious process. This process goes on, takes place in a constant rhythm and pace. This is the elementary rhythm of nature. Earlier we talked about the natural rhythm of nature. The entire Singularity “works” in this rhythm. All quanta of matter “work” in an elementary rhythm. All quanta of matter pulsate in a single synchronous rhythm throughout the entire Universe.

Another assumption seemed to follow by itself. The author suggested that the quantum of matter in the process of its pulsation reaches its minimum and maximum sizes (diameters). The minimum size achieved by a quantum of matter in the process of pulsation is not a “point or zero object”. The process of pulsation of a quantum of matter never stops for a single moment of time. The process of pulsation of a quantum of matter is constant, continuous and never incessant and not stopping, strictly uniform, harmonious, occurring at a constant rhythm and pace.

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## **9. The problem of quantum of matter and space**

A quantum of matter, like matter pulsating in the elementary rhythm of nature, material flesh, is the basis of the universe, the basis, the foundation of the entire universe. A real, discrete, material quantum of matter pulsating in an elementary (natural) rhythm – this is an objective reality. The quantum of matter is a revolutionary confirmation of the materialism and dialectic nature of nature. The real quantum of matter is a crushing and fatal blow to the false religious teachings of all eras in the history of human society. The quantum of matter is a powerful and crushing blow to the basically false bourgeois idealist philosophy (BIP). The quantum of matter is a practical and factual confirmation of the fidelity, correctness and adequacy of Marxist-Leninist philosophy (MLP) and its first section of dialectical materialism. The quantum of matter is a fatal blow to the multifaceted, multi-headed, multiple, numerous lie of the bourgeoisie, the bourgeois party and the bourgeois deeply anti-popular government. A quantum of matter is the death of the bourgeoisie, bourgeois false values, bourgeois way of life, bourgeois idealistic worldview.

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The quantum of matter pulsating in the elementary rhythm of nature is surrounded by emptiness (vacuum). Both the quantum of matter and the void (vacuum) are objective reality. But vacuum is not matter. Vacuum is the absence

of matter. The pulsating quantum of matter itself in strict periodicity, in a strict periodic, harmonic process of pulsation, reaches its minimum and maximum sizes. The minimum size of a quantum of matter is a state or hypostasis of a “**crupitsa of matter**”. In the state of “crupitsa of matter”, a quantum of matter has a minimum diameter and volume and occupies the minimum space or place. The maximum size of a quantum of matter is a state or hypostasis of “elementary particle”.

A quantum of matter in the process of its pulsation goes through all its intermediate stages between the state, the hypostasis of the “crupitsa of matter” and the state, the hypostasis of the “elementary particle”. In each of its states (final or intermediate), the quantum of matter is only one instant, one moment of time with a duration of 0.

In the state of “elementary particle”, a quantum of matter has a maximum diameter and volume and occupies the maximum space or place. Each quantum of matter has its own volume, its own space and its own place. It is clear that in this description the concepts of volume, space and place are absolutely identical and completely equivalent. There is no need, no need to introduce the concepts of space and time, if we use the concept of volume. But even if we talk about a quantum of matter about its own space, then the entire set of quanta of matter in nature (in the Universe) does not form some kind of mythical space, as such! There is no space in nature.

The concept of “space” that we use in everyday life, in everyday life, in practice, in physics, in the theory of relativity, in mathematics (there are a lot of different spaces) is not a reflection of the real space of nature, as such, as a natural primordial essence. The concept of “space” in our everyday life, and in physics as a whole, is an empty or fictitious concept for which there is no real prototype in nature. After all, nature is simple. Of the two logical possibilities: (1) the existence of space in nature or (2) non-existence of space in nature, according to the principle “nature is simple”, the second possibility should be chosen. This is the absence of space in nature. This is the reality of nature. Indeed, in nature there is the Universe, there is a vacuum (emptiness), there is matter as quanta pulsating in an elementary rhythm. Space and place are clearly not appropriate here in nature, they are simply superfluous in nature.

In addition, the absence of space in nature, as an objective reality, removes the question of the dimension of space.

Matter enters the Universe from the Singularity. Only quanta of matter are formed from this matter, and then only elementary particles. There is no “spatial” kind of matter in nature! So there is no material space or material ether in nature. There is no non-material space and non-material ether. After all, nature is material and dialectical. But there is only matter. It is discrete matter. And discrete quanta of matter are separated from each other by emptiness (vacuum). So emptiness, vacuum is the absence of matter. And emptiness (vacuum) is an objective reality. This is the true understanding of the structure

of nature and the universe. This is the real nature. This is the dialectical-materialistic understanding of the world order. This is the only dialectical-materialistic worldview that is fundamentally true.

A religious worldview is a false worldview. The bourgeois idealistic worldview imposed on us by the bourgeois idealist philosophy (BIP) and the bourgeois power (BIP is the state philosophy!) is a false worldview. The worldview of the bourgeois party, the capitalist class, the social capitalist system, implanted by the bourgeois power, is a false worldview. The bourgeoisie, the bourgeois government considers people to be cattle, which only need lie. The truth of cattle (according to the understanding and standards of bourgeois power, this is the people) is contraindicated.

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## **10. A few more words about the quantum of matter**

One or two author's assumptions are that the lower, minimum limit of the pulsation of the quantum of matter is an atom (**crupitsa**) of matter (but this is by no means a “point or zero object”), and the upper, maximum limit of the pulsation of the quantum of matter is an elementary particle (EP). An atom (crupitsa) of matter can be purely conditionally considered the minimum EP.

Several circumstances should be specially noted concerning the quantum of matter. The quantum of matter is the basis of the universe. And there is own specificity in comparison with our ordinary human scale. This is what we have already spoken about – a quantum of matter pulsating in the elementary rhythm of nature. If in relation to material bodies, objects on our everyday scale we can talk about the form and content of these bodies, their difference and opposition, their dialectical-materialistic unity and existence, then here at the micro level there is no such strict distinction in relation to the quantum of matter. The quantum of matter, first of all, is the minimum in nature, quite quantitatively the matter of nature. Earlier in this article, a quantitative expression of matter for a quantum of matter was given:  $EUM=UCN^{-1}=1/UCN$ , where UCN is a unique constant of nature. Also earlier in this article, we introduced the material NUM-object. It is a unit of radiation of matter by the Singularity. The amount of matter contained in a NUM object is 1. This is the natural unit of matter NUM (NUM=1). It is a much larger unit of matter compared to the quantum of matter

(EUM). After being emitted by the Singularity, the NUM-object decays into UCN quanta of matter. Each quantum of matter contains (carries in itself) the minimum amount of matter in nature. You can say this (and it will be more correct): “Each quantum of matter consists of the minimum amount of matter in nature”. What is important here is the understanding that it is matter, as a unique and only substance, that generates a quantum of matter.

Matter of nature is primary, and this matter of nature generates, forms a quantum of matter, as a secondary material object, a body, a particle, as a material carrier of “pure” matter of nature – a quantum of matter.

It is matter that creates the quantum of matter, its content and form. More precisely, it should be said that content and form for a quantum of matter represent a single, indivisible whole and there is no opposition of form and content. Here in the microcosm, in the world of the quanta of matter, intercourse takes place, merging into a single inseparable whole of form and content for a quantum of matter. Here, in the foundations of the universe, in the world of the quanta of matter, at the micro level, in the foundations of nature, the formula of nature “**form = content = matter**” is applicable and appropriate. To a certain extent, speaking about a pulsating quantum of matter, about its boundary states – and this is a crupitsa of matter or an elementary particle – we can say that a quantum of matter has the geometric shape of a ball. Similarly, we will talk about the spherical geometric shape of a crupitsa of matter and an elementary particle.

It will probably be correct to say that the quantum of matter and its minimum (this is a crupitsa of matter) and maximum (this is an elementary particle) states are formless, disembodied and structureless material formations. But all these material formations have the geometric shape of a ball, which means they have a well-defined diameter. At any moment of time, a quantum of matter contains the same amount of matter (quantum of matter  $UCN^{-1}$ !).

Apparently (so it seems to the author), these material balls do not have a clearly delineated and distinguished boundary sphere. Perhaps the “boundary sphere” is a ghostly, blurry one that does not exist in reality, as such. It is quite acceptable that these are material balls without spherical boundaries, open material balls, bodies. But we can always quite definitely talk about quite definite and specific diameters of these really existing material balls, material formations. The thoughts and considerations just expressed represent very important and very significant explanations and necessary remarks regarding the pulsating quantum of matter, as well as about its boundary (minimum and maximum) states. We will say that the minimum limiting state of a quantum of matter is its representation in the hypostasis of a “crupitsa of matter”. We will say that the maximum limiting state of a quantum of matter is its representation in the hypostasis of an “elementary particle” (EP).

The stay of a pulsating quantum of matter in all its internal and boundary states occurs instantly. In each of its states, a pulsating quantum of matter remains for only one instant, one moment of time within one elementary pulse of pulsation.

The duration of each such moment in time is 0. The presence of a pulsating quantum of matter in the hypostasis of a “crupitsa of matter” or in the hypostasis of an “elementary particle (EP)” also occurs instantly, at once, in one moment, during a zero period of time. This understanding of this behavior of a pulsating quantum of matter leads us to the following conclusions. First, the duration of one elementary step (cycle) of the pulsation of a quantum of matter is a quantum of time ( $EUT=UCN^{-1}=1/UCN$ ).

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### **11. About time, about a quantum of time**

Elementary particles (EPs) within one time quantum exists only one instant, one moment of time with duration equal to 0. But the facts that we can really fix and study elementary particles (EPs) clearly indicate that there are definitely fixed moments of time in nature. It can be conditionally considered that these fixed moments of time are indicated or marked on the real “arrow of time”. These fixed moments of real natural time correspond to the end of the next quantum of time. It is only at these, fixed in nature, moments of time with a duration equal to 0 that EFs exist, as we know them and represent them according to the reports of experimental physicists. Elementary particles (EPs) exist as if in a "discrete manner" at the moments of the end of time quanta. This is a moment of time with duration equal to 0. In the intermediate states of a time quantum, elementary particles (EPs) “as themselves” do not exist. At these intermediate moments of a quantum of time, there are quanta of matter corresponding to

elementary particles (EPs), which are in the process of pulsation. In fact, the principle of the quantum time is implemented in nature. Real time, continuous by its nature, is, as it were, divided into discrete segments, the quanta time. A segment, a quantum time is a segment of a straight line ("arrows of time"). Internally, any segment is continuity (continuum). Together, all these time intervals also represent continuity (continuum). But there is another (external) view of many of these time periods, intervals. Considered as a set of time intervals, the quanta times, it is a discrete set. This manifests itself, as it were, external discreteness of time. We can speak in this case, in this connection, about the unity of the continuous and discrete principles in nature itself. This is a dialectical-materialistic unity of time as a discrete and continuous phenomenon, the essence of nature. Dividing a continuous large segment of a straight line ("arrows of time", for example) into smaller equal parts, time intervals, the quanta time is a kind of discretization procedure (from the word discrete) of a continuous, continuum set. This is the meaning of the "discrete" nature of natural time. This is the meaning of the fixed moments of time in nature. We have access to observe and fix only those "point" moments of the continuously current time of nature, which are the moments of the end of successive the quanta time. These are the fixed discrete moments of time in nature. The duration (time duration) of these moments of time are equal to 0. Real observations of the EPs, which are carried out by experimental physicists, are a real confirmation of the author's next assumption "about fixed moments of time in nature". This is the principle of nature, "the principle of fixed moments of

time in nature". This is an objective reality. Time is real, time is an objective reality. Time is one of the essences of nature. This is a real process of real existence, flow and manifestation of natural time in our life. The time of nature is real, not illusory, as most physicists think. Time is the most important essence of nature, inextricably linked with matter, with the movement of matter. This is the understanding of the connection between matter, motion and time, the understanding of the continuous current time of nature, the understanding that in nature itself there is a real division of real time by fixed moments of time into the quanta time, and its further representation in the form of a sequence of discrete, successive quanta time, correct and true in essence. This understanding of time corresponds to the real state of affairs in nature, relative to the phenomenon of time. This is also a truly epochal and fundamental discovery of the secret of the nature of time made within the framework of dialectical materialistic physics and cosmology ("Theory of Nature"). TN stands firmly on the foundation of the philosophy of dialectical materialism. But modern physicists of the Russian Federation, with their headquarters in the Department of Physical Sciences of the Russian Academy of Sciences, have not been able to recognize these fundamental and simply brilliant discoveries made within the framework of TN for 7 years.

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## **12. Degradation of the physics school and the role of the bourgeoisie.**

The degradation of the physical school of the Russian Federation, which is under the patronage and fully supported by the state and ensured by the bourgeois Russian power, is complete, absolute and evident! The friendship of the party of physicists of the Russian Federation with the party of the bourgeoisie (relying on lie) and with the party of basically false bourgeois idealist philosophy played a cruel joke with physicists. Physics has turned from science into a paid servant, a paid lackey of the bourgeoisie. Physics has moved away from nature. The spontaneous materialism that physicists adhered to was discarded. The school of bourgeois idealist philosophy (BIP), false in its foundations, has penetrated deeply into physics. Physics has ceased to be a science. Physics has become a false, partisan, bourgeois-idealist theory, supposedly designed to study nature. Adherence to the bourgeois way of life, bourgeois values and subordination to the party of the bourgeoisie turned modern physics upside down.

For a whole century and even more, the progressive positive development of science and, first of all, physics and natural science was delayed. The responsibility for this rests wholly and entirely on the bourgeoisie, on the bourgeois party, on the bourgeois system and on the entire bourgeois power. This is the main force of modern reaction and obscurantism.

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The authorities are trying to imitate crime in everything. There is such an expression in criminal slang as “wet or drown in the toilet (sortir)”, that is, to

kill, to destroy. Power also does not shy away from this expression. This was publicly demonstrated at one time. So the state of affairs with my “Theory of Nature” just falls under this very formulation. As a matter of fact, the physical and state authorities of Russia have already for 7 years, not recognizing the TP, in fact, in essence, “wet in the toilet (sortir)” the “Theory of Nature”.

This means that the revolution in physics and natural science has been “wetted in the toilet (sortir)” for 7 years by the modern bourgeois government of the Russian Federation.

This means that progress in physics and natural science, the scientific progress of society has been “drowed in the toilet (sortir)” for 7 years by the modern bourgeois power of Russia.

The link between bourgeois power and crime is striking.

Yes, this is so, it is a reality that the Revolution in physics and natural science has already been completed seven years ago, the “Theory of Nature” has been created, but the bourgeois state and physical power in the Russian Federation is not able to see it and recognize it!

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### **13. Natural and elementary rhythm of nature**

Within the framework of the “Theory of Nature” discoveries of NUM-objects and quanta of matter were made. The first ones contain in their composition the natural unit of matter  $NUM=1$ . A quantum of matter is the minimum amount of matter in nature  $EUM=UCN^{-1}=1/UCN$ . There are no other intermediate values for the amount of matter in nature. “Nature is simple” is the one of the principle of nature. The primary, discrete, matter (material) formations in nature are Singularity, NUM-objects and the quanta of matter. The original Singularity contains matter in the amount of UCN natural units (UCN NUM). This is all the matter in the Universe. Singularity as a natural, universal, matter (material) oscillator “works” (pulsates) in the natural rhythm of nature (NRN). In each step (cycle) of the natural rhythm the Singularity emits one natural unit of matter (1 NUM). The time duration of each step (cycle) of the natural rhythm of nature is equal to one natural unit of time (1 NUT). During the evolution of the Universe,

the Singularity will emit all matter (UCN NUM) in quantity and in the form of UCN NUM-objects. The total time of the evolution of the Universe will be UCN natural units of time (UCN NUT). In the process of decay of a NUM-object, UCN quanta of matter are formed. Each quantum of matter pulses in the elementary rhythm of nature (ERN). The time duration of each step (cycle) of the elementary rhythm of nature is equal to one quantum of time (1 EUT). All quanta of matter in the Universe pulsate synchronously at the same rhythm and pace. The duration of one natural unit of time (1 NUT) is equal to the sum of the UCN quantum of time (EUT). The above picture of nature (YRA-model of the universe) in relation to matter and time is very simple. But it should be so. After all, nature itself is simple.

From the matter emitted by the Singularity, the only and only quanta of matter are formed. And only then, all EPs are formed from the quanta of matter. We already know what elementary particle (EP) is. This is the upper, maximum limit of the size of a quantum of matter in the process of its pulsation.

EP is based on a quantum of matter pulsating in the elementary rhythm of nature. There is no other matter, no other kind or quality of matter in nature. After all, nature is simple. There is no divine kind of matter in nature, which means that there is no God in nature. There is no ethereal kind of matter in nature, which means there is no ether in nature. There is no spatial kind of matter in nature, which means that there is no space in nature. This conclusion about the absence (about the non-existence) of space as such in nature is a truly

epochal, remarkable and simply brilliant conclusion of the entire “Theory of Nature”. And this achievement of TN is also not recognized by the modern physical camarilla, degraded by the modern physical elite and the physical party, by the entire physical community of Russia for 7 years already. The decline and degradation of the physical school of the Russian Federation is evident. This insight is revealed by the “Theory of Nature”. Behind the degradation of the physical school and physical science is the crisis of the entire bourgeois social system, of the entire deeply anti-popular bourgeois system. And the crisis in physics and the degradation of the physical school are all the result of a bad bourgeois influence on physics from the party in power, the party of the bourgeoisie, the party of bourgeois idealist philosophy. These are the main reactionaries and obscurantists in modern bourgeois society. This is the real influence of ideology (philosophy is part of ideology) and the internal policy of the bourgeois state, the bourgeois party on science, on physics. This is the clear connection between ideology and politics and science (physics). It is worth recalling how many screams and hysterics, emotional outbursts from the bourgeois parties and the media about the state of affairs in Soviet science, allegedly dependent on the policy and will of the CPSU, were at one time. This groaning, this hysteria, this lie and this demagoguery continues today. This is the undisguised cynicism of the adherents of “pure science” in bourgeois society. Many modern physicists, the overwhelming majority of modern theoretical physicists go out of their way to prove that physics is far from philosophy and politics and ideology. They deceive themselves and try to

deceive others in this that they say that they are theoretical physicists are engaged exclusively in “pure” physics, “pure” science, not tainted by “dirty” philosophy. But the facts speak quite the opposite: physics cannot do without philosophy.

Today modern physics, as a theory of nature, is a party theory and its party affiliation is determined by the party of philosophy, which dominates physics. Today in physics bourgeois idealistic philosophy reigns supreme. Therefore, modern physics is a party, bourgeois-idealist theory, false in its essence. Such physics cannot be a scientific theory, it cannot be a science.

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#### 14. Matter, movement, time – the triune essence of nature

Let's return to the question of solving the problem of natural units in the “Theory of Nature”. We have already mentioned a crupitsa (particle) of matter as the minimum state of a pulsating quantum of matter.

So a crupitsa of matter is the very material carrier, the material natural standard of natural units of length, mass and time. The diameter of a crupitsa (particle) of matter is the standard of natural (elementary) length (EUL) in nature. Further, we already know, that a crupitsa of matter consists of a quantum of matter (EUM).

In the quantum of matter (EUM), the triune essence of nature “**matter + motion + time**” is realized. There is a complete analogy here with a material NUM-object (as described above). In our case, in the case of a quantum of matter (EUM), matter is understood as a quantum of matter – the minimum amount of matter in nature. Movement is understood as the pulsation of a quantum of matter. Time is understood as the duration of one step (cycle) of the elementary rhythm of nature, that is a quantum of time. Only here the scale is different.

In the process of emission of matter by the Singularity in the form of NUM-objects, there is a cosmological, cosmic scale or the scale of the entire Universe.

In the case of a pulsating quantum of matter (EUM), this is the scale of the foundations of the universe, the scale of the micro level, the Planck scale, or the scale of elementary particles (EPs).

The coefficient of connection between these scales, namely between the scale of the Universe, Singularity, NUM-objects on the one hand and the scale of the foundations of the universe, the micro level, the Planck scale of being, the scale of existence of the quanta of matter and elementary particles (EPs) on the other hand, is a unique and universal constant of nature  $UCN=1.21026*10^{44}$ .

I'll call this constant, – by right of authorship, – Robert Yusupov's constant.

Let us turn again to the consideration of a crupitsa of matter. It contains a quantum of matter. But we know that there is an inextricable, organic connection between the three essences of nature: matter, motion and time. As for time, time is measured by matter. This is reflected in the symbolic identity: “**time = matter**”. In relation to our designations of matter and time, we must write down physical identities showing how time and the matter of nature are related:  $NUT=NUM$ ,  $EUT=EUM$ . But one must understand that these identities do not mean the identity of the essences of nature.

Matter, motion and time are absolutely different essences of nature, closely interconnected, organically and inextricably linked with each other. As for the symbolic identity “**time = matter**”, this means (1) the indissoluble unity of different entities, (2) the equality of their numerical values, (3) the identity of physical quantities (PQ), which are a reflection of the corresponding essences of nature, as properties of the real world, nature. The identity of these PQs, of course, implies the equality of their numerical values.

But the essence of time is not equal to the essence of matter (“**the essence of time≠the essence of matter**”).

Matter is the essence of nature and at the same time it is the unique and only substance of nature. Matter of nature is in constant motion. Movement is an attribute of matter. And the form of existence of moving matter is time. In the case of a quantum of matter, motion is the pulsation of a quantum of matter. In the case of a NUM-object, motion is moving from the center of the Universe at a constant speed. This is a unit distance movement in unit time (NUT). I will emphasize once again that the form of existence of moving matter is exclusively and only time. Matter is a substance presented explicitly, and time, inextricably linked with the movement of matter, is, as it were, implicitly present, hiding behind matter. But matter and motion and time are all the objective reality. The time of nature is presented, as it were, in two formats or at two levels of the hierarchy. It will be either a natural time unit (NUT) or a time quantum (EUT), respectively. Being material carriers (carriers of matter) both the NUM-object (NUM) and the quantum of matter (EUM) are at the same time the standard material discrete carriers of the time of nature (NUT or EUT respectively).

This directly follows from the above identity “**time=matter**”. For the scale of the Universe and the Singularity, this corresponds to the identity  $NUT=NUM$ . For the scale of quanta of matter and elementary particles (EP), this corresponds to the identity  $EUT=EUM$ .

The natural unit of time of nature, embedded in the natural unit of matter NUM (NUM-object) as a standard of time, will be the natural unit of time  $NUT=1$ .

The natural unit of time of nature, embedded in a crupitsa of matter (EUM) as a standard of time, will be an elementary unit of time or a quantum of time  $EUT=UCN^{-1}=1/UCN$ .

It remains to determine the natural unit of mass, embedded in a crupitsa of matter as a standard of mass. It is clear that the main two characteristics of an elementary particle, including a crupitsa of matter, are matter (EUM – a quantum of matter) and its diameter. For a crupitsa of matter, the diameter is at the same time the elementary (natural) unit of length (EUL – the quantum of length). Only these two main characteristics are inherent, and belong to a crupitsa of matter, and an elementary particle and a quantum of matter. After all, nature is simple.

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### **15. About a mass of a crupitsa of matter and a mass of an elementary particle**

But we know that all EPs also have mass. Mass is the most important property of any EPs, including crupitsa of matter. Let's deal with the mass of a crupitsa of matter for now (this is the smallest EP). Where is the mass hidden in a crupitsa of matter? There is an answer to this question, and it is very simple. Mass is also the most important characteristic of a crupitsa of matter, like matter and

diameter, but this is not a basic characteristic, but a derived characteristic. The mass (MAM) of a crupitsa of matter is a physical quantity (PQ) identically equal to the ratio of physical quantities of matter (EUM – matter quantum) and diameter, length of diameter (EUL – quantum of length). The defining formula for the PQ mass (MAM) of a particle of matter can be written as follows:  $MAM=EUM/EUL$  or so  $MAM=EUT/EUL$ . Note that the mass of a crupitsa of matter is a derived physical quantity. The main physical quantities in determining the mass of a crupitsa of matter are matter (EUM – a quantum of matter) or time (EUT – a quantum of time) and length, diameter of a crupitsa of matter (EUL – quantum of length, it is also an elementary (natural) unit of length). Therefore, the unit of PQ mass will also be a derived unit, which is the ratio of a unit of matter (or time) and a unit of length.

But the same defining formula for the mass of a crupitsa of matter  $MAM=EUT/EUL$  means that physical quantities mass, length and time are not independent physical quantities, as is commonly believed in metrology, in SI and in the theory of modern physics. These physical quantity (mass, length and time) are collectively dependent. And the defining formula for the mass of a crupitsa of matter just shows this very dependence. Having determined the mass of a crupitsa of matter, we, by analogy, determine both the mass of the elementary particle (EP) and the mass of the quantum matter. Let, for example, symbol “d” means the diameter of a certain EP, and symbol “m” means the mass of the same EP. Then the defining formula for the mass of the elementary

particle (EP) will look like this  $m=EUM/d$  or so  $m=EUT/d$ . The defining formula for the mass for a crupitsa of matter  $MAM=EUM/EUL$  and the defining formula for the mass for the ECH  $m=EUM/d$  show how physical quantities and the concepts of mass and matter are related. This is the greatest success of the “Theory of Nature” and its author.

This has solved the fundamental problem of physics – the problem of the relationship between matter and mass. This problem has faced physicists since Newton's time for almost 400 years.

But even this circumstance did not touch the physicists, the physical party of the Russian Federation and the bourgeois power of Russia. The insanity and degradation of physics, physical schools in the Russian Federation are off-scale and complete. “Thank you” for this chaos in their domain, physicists must say to the bourgeois authorities of the Russian Federation! The reaction and obscurantism of the bourgeois power turns into insanity and a complete degradation of physical science in Russia and in other bourgeois countries. This is the law. But this is not a law of nature. This is the law of the evolutionary degradation of an anti-popular, stinking, decaying bourgeois society. Modern, fundamentally false, bourgeois-idealistic physics, which is not a science, is a rotten product of a rotten bourgeois society. The bourgeois system, undoubtedly, is subject to destruction to the ground and replaced by a socialist system. But this is the law of the development of society. And this is the task of the future socialist revolution. This is a practical task for a revolutionary party.

Only as a result of the victory of the socialist revolution this bleeding contradiction between the progressive development of the whole society and the forces actively hindering this development is eliminated.

First of all, the bourgeois power itself, which relies on the main detachments and parties of modern reactionaries and obscurantists, actively hinders the progress of the whole society.

And the party in power itself, and this is the party of the bourgeoisie, is fully and essentially the main detachment, the party and the headquarters of all the forces of modern reaction and obscurantism.

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## 16. Formulas for the existence of a crupitsa of matter and an elementary particle

But we again, once again, return to the defining formula for mass:

$MAM = EUT/EUL$  – for a crupitsa of matter and

$m = EUT/d$  – for an elementary particle (EP).

It is clear that they can be rewritten or represented as:

$1 MAM = 1 EUT/(1 EUL)$  – for a crupitsa of matter and

$1 m = 1 EUT/(1 d)$  – for an elementary particle (EP).

If in these formulas we divide both parts into quantities  $1 MAM$  ( $1 m$ ), then in the left-hand sides of these equalities there will be dimensionless 1. And the right-hand sides of the equalities will represent a physical quantity impulse for a crupitsa of matter or some physical quantity for an elementary particle resembling and very similar to an impulse, respectively. Let's perform this division and swap the right and left sides of both equalities.

We get the following identical expressions:

$1 EUT/(1 MAM * 1 EUL) = 1$  or  $(1 MAM * 1 EUL)/1 EUT = 1$  – for a crupitsa of matter and

$1 EUT/(1 m * 1 d) = 1$  or  $(1 m * 1 d)/1 EUT = 1$  – for an elementary particle (EP).

In a verbal formulation, the first identity sounds like this:

“The momentum of a crupitsa of matter is a value that is identically equal to the value of the dimensionless unit (1 1)”. It should be taken into account that the physical quantity  $MVN=1 \text{ EUL}/(1 \text{ EUT})$  is the maximum speed in nature. This is a wonderful conclusion from the “Theory of Nature”. This conclusion is a consequence of determining the mass of a crupitsa of matter.

Further. The following identities follow from the defining formulas for the mass of a crupitsa of matter and for the mass of an EP:

$$MAM * EUL = EUT = EUM = UCN^{-1} = \text{const},$$

$$m * d = EUT = EUM = UCN^{-1} = \text{const}.$$

These are also wonderful identities. These identities mean that the product of the mass and diameter of any EP, including a crupitsa of matter, is a constant value that is identically equal to the quantum of matter (or what is the same, to the quantum of time). The numerical value of all these products, for any EPs, is a constant value and equal to the value of  $UCN^{-1}$ . This is the numerical value of the quantum of matter and (or) the quantum of time. These are the formulas for the existence of a crupitsa of matter and an elementary particle (EP).

Let's give one more explanation for this fact presented in the last two identities.

In the rectangular coordinate system “diameter of the EP – mass of the EP” the graph of the dependence  $m * d = UCN^{-1}$  (for a crupitsa of matter it has the form  $MAM * EUL = UCN^{-1}$ ) is a hyperbola (I quarter or I quadrant). The points of this

hyperbole determine the location of all EPs (types of EPs!) that actually exist in nature. Any really existing EP (type EP!) in accordance with its mass and diameter (as coordinates), is represented by one point of this hyperbola. The points outside this hyperbola do not define any really existing EP (type of EP!). This is also a fundamental conclusion for elementary particles physics made within the framework of TN. This is a kind of criterion for the existence of EP (types of EP) in nature. This is a remarkable, brilliant achievement of dialectical materialistic physics what is the “Theory of Nature”! But again and again (how many times?), Russian physicists are silent, like partisans, and in this case. Their Western colleagues and partners are also silent. Modern physical authorities (academicians, professors, doctors), physical elites, physical schools are playing in silence! And what can you take from them? What is the demand from them? What is the use of them today? Like a black bourgeois sheep. Only the role of “scientific support” for reactionaries and obscurantists is suitable for them, which is what they are doing by and large. What are modern theoretical physicists doing? The majority of the inhabitants will answer that physicists are engaged in science, physics. And they will be fundamentally mistaken! True, the homespun truth is that modern theoretical physicists in their bulk are not engaged in science, are not engaged in physics by and large. Modern theoretical physicists have essentially grabbed physics. Materialism has been eradicated from modern physics. The consciousness of modern physicists is subordinated to the requirements of a fundamentally false bourgeois idealist philosophy. The party of physicists obeys the will and dictates of the party of the bourgeoisie.

Against this background, having received an indulgence from the ruling party, theoretical physicists are arbitrarily obscurantist! The “Theory of Nature” will not let you lie.

Physicists are obscurantist on a grand scale.

Physicists are obscurantly confused. The “Theory of Nature” and its struggle against the forces of modern reaction and obscurantism completely expose all this ins and outs of the party of modern bourgeois physicists.

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### **17. Dialectical materialism as a philosophical basis of physics.**

As I understand it, modern physicists, by and large and in essence, are not engaged in the study and cognition of nature.

Nature is material and dialectical. These are facts. These are fundamental facts of nature. If we set as our goal the cognition of nature, the comprehension of the truth of nature, then we must unconditionally recognize these and other facts of nature. And this should not be a formal recognition. This should not be a mere word of mouth. This recognition should not become a rigid dogma like “matter is substance and fields”. This should be an effective, factual recognition of the primacy of matter in nature. We must find and indicate the specific location of matter in nature. We must introduce matter into the bosom of physics as the main physical quantity. This is what professional physicists, theoretical physicists should do. But we don't see this. But this is not in reality. Modern

theoretical physicists are engaged in anything but the search for a specific representation of matter in nature. Modern physicists are engaged in anything but the problem of the matter of nature.

These are the costs of governing physics and physicists by the party of bourgeois-idealist philosophy.

Modern physicists are essentially not engaged in physics, in the study of nature.

Seriously, to engage in capital study of nature, with the goal of knowing, comprehending new truths of nature, standing on the platform of a false bourgeois-idealist philosophy and a false bourgeois-idealistic worldview, is definitely impossible. In conditions of deep adherence to the bourgeois-idealistic lie imposed by the bourgeois party, it is possible only to imitate the stormy and tireless “scientific” activity in the study of nature, as modern theoretical physicists demonstrate. But this will be what we have today in modern physics: the deepest crisis of the foundations of physics. In this case, physics ceases to be a science. At the same time, the school of physics finds itself in a deep depression and decline. At the same time, modern reactionaries and obscurantists are stepping up their crusade against the forces of progress, freedom, development, truth and true, against all progressive humanity, against the entire people.

Seriously, thoroughly, thoroughly to study nature, with the goal of knowing, comprehending new truths of nature, one can only firmly adhere to the position

and principles of the only true and scientific Marxist-Leninist philosophy (MLP) and its first section of dialectical materialism. All this is perfectly demonstrated to us by the “Theory of Nature” by Robert Yusupov.

All physicists should engage in a thorough and thorough study of the philosophy of dialectical materialism, which is the philosophy of nature itself. This is the only true and scientific philosophy.

And ideas and all fundamentally false bourgeois-idealist philosophy, imposed on physicists by the anti-popular bourgeois power, must be thrown into the dustbin of history. It is simply necessary to do this, and as soon as possible.

Only inveterate reactionaries and notorious obscurantists from science can fail to notice the Revolution in physics accomplished by the “Theory of Nature”. I am not a physicist by education, but I understand all this perfectly. I understand perfectly well that modern physics is in a deep, protracted, fundamental, systemic crisis. I am the author of the “Theory of Nature” (TN). The list of main thing in the “Theory of Nature” (TN):

1) TN indicates and names the main and basic causes of the crisis in modern physics and natural science,

2) TN indicates and names those social and political forces of modern bourgeois society and system, that are behind the systemic crisis in physics and natural science,

3) TN indicates the way how to transfer modern physics to a dialectical-materialistic basis, to the basis of nature itself,

4) TN indicates the way of bringing physics out of the crisis,

5) TN indicates and explains where exactly matter is in nature, and how to introduce matter into the bosom of physics as the main physical quantity,

6) TN gives us, presents us with a clear adequate general scientific true dialectical-materialistic picture of the foundations of the universe, nature, the entire Universe and their evolution.

I understand perfectly well that TN is a revolution in physics. I understand perfectly well that the main forces of modern reaction and obscurantism, hindering scientific progress in general, hindering the recognition of the “Theory of Nature” in particular, are the party of modern theoretical physicists and their main patron – the party of power, the party of the bourgeoisie.

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### **18. Initial information about matter and time of nature**

We have already given above formulas about the quantitative values of matter and time of nature. Now let's bring them together.

$UCN=1.21026*10^{44}$  – a unique and universal constant of nature, Robert Yusupov's constant,

$NUM=1$  – natural unit of matter,

$NUT=1$  – natural unit of time,

$EUM=UCN^{-1}=1/UCN$  – quantum of matter,

$EUT=UCN^{-1}=1/UCN$  – quantum of time,

$UCN NUM=UCN$  – the total amount of matter in the Universe,

$UCN NUT=UCN$  – the total, full time of the evolution of the Universe.

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## **19. The problem of the evolution of the Universe. "Big Skhlop"**

### 8. The problem of the evolution of the Universe.

When the last portion of matter, the last (UCN-th in a row) natural unit of matter (NUM) is radiated from the Singularity, this will be the end of the evolution of the Universe. It is clear that the Universe is not infinite in the time of its existence. After the completion of the evolution of the Universe, all matter in the Universe "collapses" back into the Singularity. There is a "**Big Skhlop**". This is the final chord in the evolution of the Universe. The entire procedure of "collapse" of all matter in the Universe into the Singularity occurs in one natural unit of time (NUT). Our entire Universe will cease to exist, "collapse" into the original Singularity. Our Universe will go into the past, go into oblivion. No information about our Universe will be saved anywhere, will not be transferred anywhere. Everything will perish, everything will become dust, everything will

disappear into oblivion. Only the “pure” matter of nature, concentrated in the Singularity, will remain. The “Big Skhlop” procedure, in addition to the first task of “collapse” of all matter in the Universe, which has completed evolution, into the Singularity, also performs the second, no less significant task. The “Big Skhlop” procedure plays a kind of role of a detonator or material “first impulse” for the beginning of a new stage, new cycle of emission of matter by the Singularity. This will be the beginning of the formation and the beginning of the evolution of the new universe, the “heir” of the previous universe. The truth will be inherited only and exclusively only one matter, “packed” into the Singularity. The evolution of the new universe (as well as the immediately preceding universe, which has just completed its evolution) will be organically linked with a fundamental, unique universal process, a strictly rhythmic process of matter radiation by the Singularity. The history of the new universe will not repeat the history of the immediately preceding and any previous, pre-existing universes. It will be absolutely its own completely new, completely unique, inimitable and does not repeat anything new history, in no way connected with the histories of the previous universes, about which we will have absolutely no information. The only thing we can say with certainty is that these universes existed in the past. This will be the fate of our Universe after the completion of its evolution. Such is nature. Such are its fundamental laws. These laws are discovered and cognized by the “Theory of Nature” (TN), which is a new dialectical-materialistic physics, the philosophical basis of which is dialectical materialism. TN is based on the only true and scientific philosophy of dialectical materialism,

which is a copy of the philosophy of nature itself. It is impossible to build a true picture of nature, the foundations of the universe and the Universe from a position and a platform of fundamentally false bourgeois-idealist philosophy (BIP), which is imposed on us by the bourgeois state, the bourgeois anti-people power. Similarly, the scientific picture of the world, nature, we can neither give nor offer all kinds of religious teachings based on a big lie about the existence of God. And even the registration of this big lie about God in the Constitution of the country will not help the bourgeois anti-people government in its attempts to pervert nature, pervert the real state of affairs in nature in the minds of progressive people. No one can stop the progress of society and turn it back. This is the law of the development of society. The forces that hinder the progress of society, the progress of science, the forces that usurped or seized power can at certain moments in history restrain progress, hinder the progress of science, physics, as the party of the bourgeoisie, the party in power of the Russian Federation, the party of modern physicists of the Russian Federation in relation to, for example, the “Theory of Nature”. But they are not able and not in the power to cancel progress, the progressive development of society and all mankind.

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Don't play the fool, America! And you, Europe, do not be fooled!

Stop indulging in divine religious falsehood.

Stop indulging in the lie of bourgeois idealist philosophy!

The time has come for cleansing from the filth of lie!

Take a look around. There is near the door leading to the truth.

It bears the inscription: “The Philosophy of Dialectical Materialism”.

The time has come to join the truth.

The time has come to recognize the “Theory of Nature”!

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## **20. Matter of nature. The place of matter in nature and in physics**

The “Theory of Nature” indicates the specific location of matter in nature. Matter, “pure” and concrete matter of nature, is, for example, the contents of discrete, actually existing material elementary particles (EP). According to the only true and scientific philosophy of dialectical materialism matter is an objective reality and matter is the unique and only substance of nature. Matter is the primary principle, the primary essence, the primary origin and the primary cause of everything and everything in nature. Being the basis of the universe, nature, the only and unique substance of nature, matter should occupy a proper, appropriate, adequate place in physics, as the main science of nature. Since the basic concept in physics is the concept of a physical quantity (PQ), then the matter of nature should also be reflected in the conceptual apparatus of physics as a physical quantity (PQ), moreover, as a basic physical quantity (BPQ). But

this is precisely what is missing in the theory of modern physics (TMP). Matter of nature is nominally mentioned in physics, but it does not occupy a place corresponding to it and adequate to its position in nature in modern physics. In TMP there is a statement of the materiality of nature in general. But there is no understanding about the specific representation of matter in nature! And matter, as a concept, does not occupy leading positions in TMP. Matter of nature is practically and actually ignored in the TMP by the party of modern physicists.

But in the “Theory of Nature” (TP), what is new dialectical-materialistic physics, the matter of nature is finally introduced into the bosom of physics as the main physical quantity. This is the triumph of all physics. This is the triumph of truth. But the party of modern physicists of the Russian Federation and its main sponsor the party of power or the party of the bourgeoisie do not notice this point-blank. This is another evidence of the reactionary nature and obscurantism that prevailed in the theory of modern physics, with the complete connivance (“approved”) on the part of the ruling party, the bourgeois party. These are facts, these are sad facts. But facts are stubborn things. By stating these facts, we dialectical materialists and communists also point out the way to purify ourselves from the filth of reaction and obscurantism in physics, science and society. The way to correct this abnormal situation in our social life is the only socialist revolution in society. This inspiring example of the overthrow of the hated deeply anti-popular bourgeois power was shown to us by previous generations in 1917!

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The time has come to recognize the "Theory of Nature"!

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## **21. Some more information from the "Theory of Nature"**

It is worth mentioning again about some of the achievements of the "Theory of Nature" (TN). Within the framework of the TN, the problem of the constant fine structure has been solved. This is a fundamental problem in modern physics. This solution was found while solving another fundamental problem – the problem of finding the natural units of mass, length and time. The solution of the problem of natural units also led to the solution of the problem of the dependence of the physical quantities of mass, length and time. Let me remind you that in the theory of modern physics it is believed, it is assumed that the

seven basic physical quantities (BPQ), which lie at the basis of physics, are independent physical quantities (PQ). The “Theory of Nature” debunks this fundamental misconception of modern physicists and modern physics. It turned out that PQ mass, length, and time are collectively dependent quantities. In relation to the SI system, this dependence is expressed by the fine structure constant. Thus, the PQ of the fine structure constant is not a fundamental physical quantity of natural origin. The physical quantity (PQ) of the fine structure constant is the PQ of artificial, anthropic origin. More detailed information on solving the problem of fine structure constant is given in the articles on TN previously posted on the Internet. The solution to the problem of the fine structure constant is quite worthy of the Nobel Prize in physics.

Within the framework of the TN, the fundamental problem of the elementary electric charge has also been solved. The solution to this problem is closely related to the solution of the problem of matter as a basic physical quantity, and with the solution of the problem of natural units of mass, length and time. Detailed information is also available in the articles on TN posted on the Internet.

Within the framework of the TN, the fundamental problem of finding a theoretical formula for calculating the maximum velocity in nature has been solved. It is found that this is a variable physical quantity that increases with time. It was also found that for the present age of the Universe, this physical quantity is the speed of light in a vacuum.

Within the framework of the TN, the fundamental problem of finding a theoretical formula for calculating the PQ gravitational value of the Universe has been solved. It is found that this is a variable physical quantity that increases with time. It was also found that for the present age of the Universe, this physical quantity is Newton's gravitational constant.

These are undoubtedly remarkable achievements of the “Theory of Nature” (TN) and its author. But the “deaf, blind and irresponsible” Russian physicists remain “deaf, blind and insane” in this case too. The degradation of the physical school of the Russian Federation is also evident here. Wherever you throw, everywhere a wedge! The bourgeois way of life and behavior does not give Russian physicists any chance to recognize TN.

Within the framework of the TN, the problem of the modern age of the Universe, as well as the total time of evolution of our Universe, is solved.

According to the calculations of the “Theory of Nature” (TN), the total time of evolution of our Universe will be approximately  $2.799 \cdot 10^{34}$  years.

According to calculations by the “Theory of Nature” (TN), the present age of the Universe is approximately 124 trillion and 667 billion years.

Detailed information is presented in the articles on TN posted on the Internet.

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The time has come to recognize the “Theory of Nature”!

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## **22. Invitation to study “Theory of Nature”**

Ladies and Gentlemen! Dear modern leading physicists from America and Europe! You have such wonderful theoretical physicists as Lee Smolin, Lisa Randall, Juan Maldacena, Carlo Rovelli, Edward Witten, and many, many other outstanding theoretical physicists who in a short time (1 – 2 days) will be able to understand the “Theory of Nature” and evaluate its scientific significance and consistency, understand its world-historical significance, understand that TN is a revolution in physics. Why don't you turn to them with such a request. I wrote to them at one time, but they did not answer me. I am a dialectical materialist and a communist. Perhaps it scared them off. This is their business. But they will surely answer you! Ask them! But all this is needed only if you want to understand and know the truth. If you do not need the truth, if you are satisfied

with a lie, if you are satisfied with the modern (of course, false!) view of modern physicists on nature, distorted, moreover, by a fundamentally false bourgeois idealist philosophy, then you should not worry. And I offer you my deepest apologies for the trouble you have caused!

To understand the “Theory of Nature” yourself, you do not need special knowledge of physics or mathematics. The knowledge gained in secondary school is quite enough. High school students who do not shy away from physics and mathematics, with the task of understanding TN, deal with TN will cope without much difficulty.

Those comrades and gentlemen who themselves want to understand the “Theory of Nature”, let them look at the following sites:

[http://vixra.org/author/robert\\_yusupov](http://vixra.org/author/robert_yusupov) – scientific articles on TP are presented here,

<http://www.proza.ru/avtor/yusrob> – popular science presentation of TP ideas is presented here.

All articles on “Theory of Nature” are located on direct access sites. Access is free.

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The “Theory of Nature” (TN) is a significant milestone on the path of progress in science, physics, natural science, and cosmology. TN is a further creative development of the true and scientific philosophy of dialectical materialism.

See America, see Europe – don't be late! You still have a chance to be the first in the recognition of TP, its achievements and results. But we must hurry. Here the idiots of the Russian empire, Russian bourgeois-idealistic physicists and bourgeois Russian officials who are in power and supervise science, will take it and admit the “foolishness” of the “Theory of Nature” ahead of you. And again you will remain, as always, in the ass! Do you want this?! It is clear that no! But then hurry up with the recognition of the “Theory of Nature”!

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**One last remark**

I invite physicists of America and Europe to sign an act of unconditional recognition of the “Theory of Nature” by Robert Yusupov! In the preamble of this act it should be written: “The “Theory of Nature” is dedicated to the peoples of Russia. The “Theory of Nature” is dedicated to all the peoples of the Soviet Union, the first socialist state in the world, which managed, at the cost of incredible sacrifices and titanic efforts, under the leadership of the Communist Party headed by I. V. Stalin to defeat world fascism during the Great Patriotic War”. Dear Western physicists, take the side of the forces of progress, truth, freedom, independence, scientific justice and decency in irreconcilable confrontation with the forces of modern reaction and obscurantism, which have taken deep roots in all spheres of human activity, including in the scientific field, in particular in physics, natural science and cosmology. Dear Western physicists, you will make an absolutely correct choice if you accept the “Theory of Nature”. As for the modern physical party of the Russian Federation, then, as they say here in Russia on a similar occasion, “only the grave can fix the hunchback!” My articles on TN are on the tables of many editorial offices of physics and philosophy journals. 7 years of TN existence have taught nothing to Russian bourgeois idealistic physicists. Thirty years of the existence of the bourgeois system in Russia also did not teach Russian bourgeois idealistic physicists anything.

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More than a century of physics under the auspices and power of an essentially false bourgeois idealist philosophy (BIP) has also taught nothing to bourgeois Russian physicists. History teaches nothing to reactionaries and obscurantists. But there is a cardinal and real way to get rid of modern misfortune, from modern reaction and obscurantism in all spheres of our life – this is the way of the socialist revolution! This revolution will inevitably happen! This revolution will definitely happen! This is a matter of the coming future. And the people make revolutions. The people must wake up and say their weighty righteous word! This will definitely happen!

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### **Curses**

Damn it the anti-popular bourgeois power, which is entering into an alliance with the darkest and most sinister forces of modern reaction and obscurantism in the camp of religious parties, in the camp of the parties of bourgeois idealist philosophies, in the camp of the modern physical party!

Down with the anti-popular bourgeois power!

Damn it the anti-popular insane bourgeois power, which, together with physical power for 7 years now has been engaged in red tape, demagoguery, unsubscriptions and nonsense and cannot recognize the “Theory of Nature”, which is a Revolution in physics, cosmology, and natural science!

Damn with the power of the bourgeoisie, which today is the main restraining factor of scientific development and progress, the main bulwark of the forces of reaction and obscurantism!

Damn the anti-popular, irresponsible bourgeois power that relies on lie in domestic politics: on religious lie, on the lie of bourgeois idealist philosophy, on the lie of the party of physicists, on the lie of the bourgeois media, on the own lie of the bourgeois party. The party in power uses all these channels of lies at full capacity to fool the people, to criminate citizens, to create, form and enlarge the cattle party – its main support in mass events and elections!

Down with the bourgeois power that mocks the people!

It is time to put an end to the violence of the bourgeois power over peoples in all spheres of life!

But we cannot stop at this (curses). We must act. We must do everything we can to promote the approach of the socialist revolution. It is necessary to create a revolutionary party.

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## **Toast**

Long live Marxist-Leninist philosophy – the only true and scientific philosophy, Soviet philosophy.

Long live the “Theory of Nature” – the dialectical-materialist Revolution in physics!

From the dialectical-materialist Revolution in physics a direct path opens to a socialist Revolution in society!

Long live the socialist revolution!

“Our cause is just! The enemy will be defeated! Victory will be ours!” (I.V. Stalin, 1941)

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But we always remember these words from the revolutionary anthem “International”:

“No one will grant us deliverance,

Not god, nor tsar, nor hero.

We will win our liberation,

With our very own hands”

Wonderful, true and correct words! Only we ourselves can and must rid ourselves of this scourge – the accursed deeply anti-popular bourgeois power.

We, we ourselves, only by uniting in a revolutionary party, will be able to achieve a radical change for the better in our difficult life, in our slavish existence, change life for the better and come to true democracy.

Tandem “Patriarch & President” managed to register God in the Constitution. Now the bourgeois power on a “legal” basis will be able to introduce a tax on God, religion and the church. The people of Russia will pay taxes. This is the main, behind-the-scenes goal of voting for the forces of modern reaction and obscurantism, represented by the “Patriarch & President” tandem.

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## **Conclusion**

This article told about the revolution in physics and natural science, made by the “Theory of Nature”. But physics was closely connected with philosophy and ideology, the policy of the state. This connection is so strong, strong and organic that the revolution in physics and natural science is the detonator of the social revolution for the modern bourgeois anti-people society as a whole.

This article establishes facts and evidence about a real unification, an alliance, the link between the bourgeois state, the ruling party, the bourgeois government with the modern forces of reaction and obscurantism. This is the party of priests, the party of religion. This is the party of bourgeois idealist philosophy. These are the squads of the bourgeois media. This is the party of modern theoretical physicists. All these reactionaries and obscurantists are run by the organizer, coordinator and inspirer, the party in power itself, the party of the bourgeoisie. The lies of each listed party became a state lie. The bourgeois government places a high stake on lie, its generation, its dissemination and its introduction

into the consciousness of people and citizens. The last confirmation of this orientation towards lie on the part of the authorities is the successful operation to introduce the mention of God into the Constitution of the Russian Federation.

All this is nothing more than a conscious turn by the bourgeois power towards reaction and obscurantism in all spheres of social life. Modern reaction and obscurantism, together with the bourgeois power at the head, launched a powerful militant offensive against the natural and vital inalienable rights and freedoms of the people.

An active, militant bet on lie in domestic politics is nothing but an open manifestation of the policy of the state moral and psychological terror of the bourgeois government against the people.

The bourgeois power of the Russian Federation, subordinate and at the disposal of which is the physical power of the Russia is not able to adequately assess the scientific discoveries and achievements made within the framework of the “Theory of Nature”. Both the state and the physical authorities of Russia are both bourgeois authorities. And both of them cannot understand that The “Theory of Nature” is a revolution in physics, a revolution in science. The degradation of the authorities is evident. The degradation of the bourgeois physical power of the Russian Federation is absolute. The degradation of bourgeois state power is unconditional.

The bourgeois power is more and more clearly and frankly positioning itself as the internal enemy of the people, as the sworn, main enemy of the progressive development of the entire society.

A revolutionary situation is ripening. On the agenda is the question of creating a revolutionary party capable of becoming the head of the socialist anti-bourgeois revolution.

“Theory of Nature” (TP), its conclusions and conclusions, its truth will definitely be adopted by the revolutionary party in its struggle against the bourgeoisie, reaction and obscurantism.

July 7 – August 7, 2020, Vladivostok, Russia

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