

# **Wandering Towards a Goal – How can mindless mathematical laws give rise to the aims and intentions**

## **The way of the materialist explanation of the paranormal and the supernatural**

"In the beginning was the Word, and the Word was with God, and the Word was God" (King James's Bible). We should start with this because we are going to dive in Logos, to see how mindless mathematical laws can give rise to aims and intentions, becoming laws of human behavior. And further, "Through him all things were made; without him nothing was made that has been made. In him was life, and that life was the light of men. The light shines in the darkness, but the darkness has not overcome it."

Homo sapiens were born capable to absorb infinite logos which are invested by God into the world, and to create through your language of a certain model, which gives him the opportunity to see him, but from his point of view.

For many millennia, struggling with threats of the nature and wandering towards in infinite Logos, he sought and mastered the Word of God, which helped him not only to survive but to become master of nature. The result of this struggle was the modern civilization. Arrow of time in the accumulation of knowledge lead mankind to the goal of knowledge of all of the Logos and to the condition, when it is able to destroy what it has created, because the excess of information leads to the fact that people insist on their vision of the world, cease to understand each other.

Mankind must understand the latest truth, which he for decades resists accepting and which clearly follows from the law of mass-energy equivalence that man is not a congestion of matter in her as much as in the free space of the same volume. The physical space, in which we live, created from the same matter, which he consists himself. Also as the substance composed of matter and the substance moves, the physical space is also moving. Physical space is an environment that can move in a circular or oscillatory. The repeated circular motion of a particle of physical space makes it tangible in the form of the atom.

The repeated motion of physical space made the world of color. Repeated oscillations of atoms made the world sounding. The repetition of the "Yes" and "No" in different combinations, the so-called Digital technology, made possible everything connected with computers.

Thus, repeatability of processes in the physical space made the existence of diversity and made possible the origination not only of inanimate objects, but that is called life. In this environment there is no place of its accumulation, since it eliminated its movement. This movement makes the physical space alive. It is the movement of a physical space makes it infinite. The measure of the set of all overlapping on each other of changes in the physical space is the time that can be measured using the same repeatable motion. Time to man exists when he is included memory.

**Developed Memory** and a **mental image** of Real life distinguish man from other animals. Memory allows multiple repeated mental images of objects in the human mind that gives you the opportunity to put them in compliance with sound symbols in words. In terms of verbal symbols of order and number, the man came to the mathematical operations of addition, subtraction, multiplication, division, etc.; this in essence also is the repetition. Next, using mathematical laws and began to combine mathematical operations, using letter numbers, he's got a formula indicating the order of arithmetic operations on numbers. Next, taking one set of numbers for independent arguments and making over them algebraic operations get the value of the called function. An infinite set formed formulas functions form the warehouse where physicists go to find a functional dependence that is appropriate for the explanation of reality.

However remains the question about volume, what follows "How can a mindless mathematical law give rise to the aims and intentions?"

At school age we did this experience, offered to friend two numbers, big and small, and we guessed what he will choose. If from two numbers friend chooses and mentally says greater number, his expand pupils of eyes, on the contrary, calling mentally fewer, pupils lent. Thus, it revealed the ability of the human body to react the expansion of tissues at the mental image more or less expressed by numbers.

That to explain how mental image controls the body, it is necessary to assume that the visual image does not arise within the brain by means of atoms and molecules, but he creates them out of the head in the surrounding physical space changes its structure. Indeed, inside the atoms and molecules have different kind of fields, i.e. the physical space where each point is characterized by scalar, vector or tensor due to its motion. These fields do not stop at the apparent boundary of the atom, and we have a sequel to infinity, i.e. the visible surfaces of the body do not restrict it, and it goes on and on in sheer physical space. Thus, the human brain, having the ability to influence the surrounding physical space and change its structure, creating in him a visible image of the real world.

Psychologists and physiologists have long said that inside the human head there is no soul. We affirm that soul is in the physical space around his head and connected with the cosmos. In order to produce any action, a person simultaneously with the filing of the impulse through the nerves should arise a mental image of that action. We can assume that mental images, having a material basis, directly forcing our bodies to move, and nerve impulses only serve to hinder or enhance these actions. Practically, this means that a person is able to levitate and only the need to control his movement, forcing him to suppress in itself this ability and to use the force of gravity. To move, you have to create the mental image not only of this movement, but also the mental image lightness of his body. The Bible says: Jesus said to him, "Stand up, take your mat and walk." At once the man was made well, and he took up his mat and began to walk. (John 5:1-18 New Revised Standard Version (NRSV)) He is a God and his Word to bring in the man mental image of lightness in the body needed him to start a movement. We use levitation as it is necessary for us to move by the ground. The ability to levitate human is fading with age, the aging of the brain.

We can assume that our mental images through physical space can affect inanimate objects, causing them to levitate and memorize it by changing the structure of the surrounding physical space. Psychics are people feeling the structure of the physical space left by the previous event and is able to restore his appearing in them mental image.

Throughout his life, starting with the first steps, a person accumulates in the subconscious mental images, able to control his organs on the principle of "if this, then that." These images of the action, emerging from the subconscious to consciousness force the person to perform certain actions and define his life. The continuum formed mental images in the subconscious of man is his soul. Mathematical mental images, which based on mathematical laws, make human actions more efficient and effective. Mathematical laws stop previous wanderings and start new ones.

The abstractness of mathematical laws, especially in symbolic form makes them on the one hand mindless and on the other hand they are based on experiences with counting objects, which have accumulated during the long period of human development in the form of mental images that pop up in the mind and causing reaction of eye pupils to a higher or lower. Mathematics, applying their own laws, has developed a huge number of mathematical formulas. However, not all of its formulas find application in physic.

Physics, studying physical phenomena, wandering among these formulas and seek among them the most suitable to describe them. This was made possible after, as a device for measuring mass, distance, time, etc. The basis of measurements is also the process of repetition. In addition, physicists have learned to think of infinitely small quantities and

from this came the concept of instantaneous speed and acceleration and further differential equations.

Remember how long guessed medieval thinkers about what kind of expression is more important for describing the motion of a body as a "living force" (*vis viva*)  $mv$  or  $mv^2$  and only some time later, they found out that both are involved in the description of the motion of the body. But what a big difference - was the law of conservation of momentum, multiplied times the speed, and turned the law of conservation of energy. Every physical theory in mathematical terms is a system-matched formula, which by substituting in them the measured values are transformed into the system of equations allowing calculating the unknown data. The number of equations must equal the number of unknowns, and so it happened in this case when creating mechanics.

Formulas in mathematics already existed before physicists began to distribute them concepts. So has appeared a second Newton's Law, to which came a simple mathematical formula of multiplying one number, called the mass to another, called the acceleration, and the result is force. Each number had to understand and so began intensively to introduce concepts and make them definition.

Then came the Newton's law of universal gravitation, it shows that around each body there is a field of attraction, which is inversely proportional to the square of distance and directly proportional to product of masses of the attracted bodies.

Century later appeared analogous to the **Coulomb's** inverse-square for electrically charged bodies in which the force of attraction (repulsion) are also inversely proportional to the square of the distance between them and directly proportional to the product of electric charges.

However, for the expression of these laws was taken by mathematical Formula, which could not show the speed limit of the speed of light, to the necessity which came in electrodynamics. And then there was the Lorentz transformation as an expression the value of which is imaginary, if the velocity exceeds the speed of light. While the formulas of classical physics, the speed might have an infinite value.

Here are as examples some of the physical laws without showing their mathematical formulas in order to understand the value for physic to their symbolic expressions. After reading the above text, you these laws are seen and understood while reading. Now, look at him after a pause and you will see nothing, because your attention is scattered. The mathematical formula is shorthand of thought, in order to distract you from the world and focus your attention on her. The mathematical formula effect on a person magically, how to spell.

But back to the gravitation of Newton and Coulomb's inverse-square laws their symbolic form:

$$F = \frac{\gamma Mm}{R^2} \quad \text{and} \quad F = \frac{e^2}{\epsilon R^2}$$

Where  $G$  is the gravitational constant,  $M$  and  $m$  is the object mass;  $R$  is the distance between the centers of the masses.  $q_1$  and  $q_2$  are the signed magnitudes of the charges,  $k_e$  is Coulomb's constant

These formulas are told to everyone, but not me, what's inside the nucleus of an atom is there something that attracts and is called a charge. In the result of the attraction

of the planets are orbiting at a speed  $v = \sqrt{\frac{\gamma M}{R}}$ , similarly, the electrons in the atom

$v = \sqrt{\frac{e^2}{Rm}}$ . Only occurrence of emptiness can to pull in itself

Note that if you reduce the radius to zero speed grows to infinity. This is contrary to the accepted postulate about the speed limit in any movement the speed of light. Wonder

how it is in the head scientists have not come to look for a stock of those mathematical formulas that limit the higher the speed of the speed of light.

I decided to do it, and I didn't have far to go. I took the formula of Lorentz, which reduces the length of line and put this piece in the atom. It is clear that the rotating coordinate system is not inertial, but the circumference is defined as the sum of the sides of the polygon the number of sides which are infinitely, i.e. segments become infinitely small arcs and straight movement along such segments can be put inertial. In the end you can get

$$v = c \sqrt{1 - \frac{R^2}{R_0^2}}$$

Where  $R_0$  the radius of the circle trajectory in its own reference frame,  $R$  the radius of the circle trajectory in the moving frame of reference.

Obtain the function of speed of movement on an orbit depending on two radiuses -  $R \leq R_0$ . Next, substituting this value of velocity in the formula of the centrifugal force was obtained the unique formula of holding force when orbiting, which I call the Law of universal gravitation Lorentz:

$$F = m_0 c^2 \frac{R_0^2 - R^2}{R_0^3}$$

Its uniqueness lies in the fact that it contains energy equivalent to rest mass, and the relation distributes its in atom  $\frac{R_0^2 - R^2}{R_0^3}$ . I was fascinated by found by the formula. She was the original position in the way of my scientific knowledge of the world. It was almost forty years ago. Subsequent studies showed that the atom is a system of formulas, which can be called large Lorentz formula

$$\frac{m_0}{m} = \frac{R}{R_0} = \frac{T}{T_0} = \sqrt{1 - \frac{v^2}{c^2}} = \sqrt{1 - \left(\frac{ze^2}{nch}\right)^2} = \sqrt{1 - \frac{\lambda_{com}^2}{\lambda_{Brog}^2}} = \sqrt{1 - \left(\frac{\gamma M m_0}{nch}\right)^2} \text{ and so on}$$

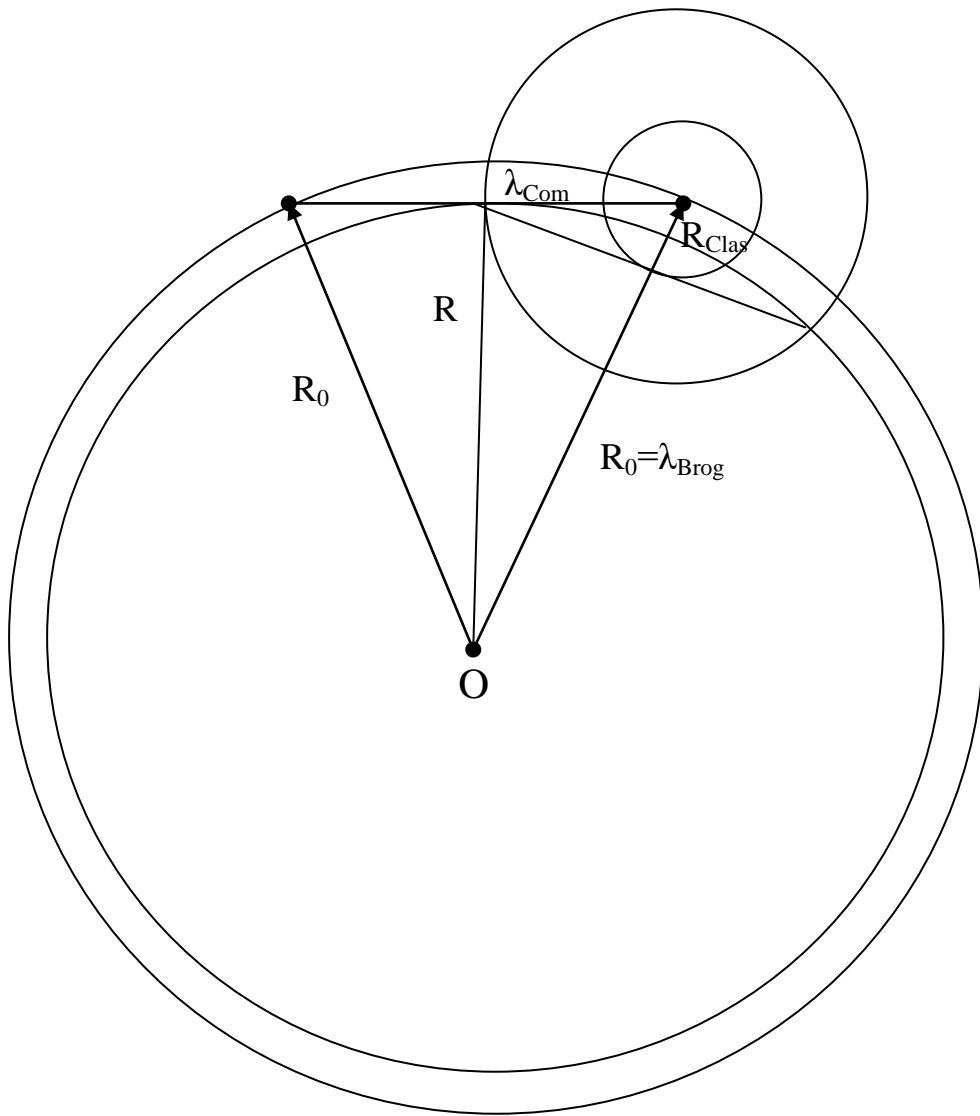
and formula of inversive geometry

$$R_{clas} = \frac{n^2 \lambda_{Com}^2}{\lambda_{Brog}} \quad \text{or} \quad \lambda_{Brog} = \frac{n^2 \lambda_{Com}^2}{R_{clas}}$$

The drawing shows the observed geometric relationship of the quantum and relativistic physical quantities:

Where: the rest mass  $m_0$ , the de Broglie wavelength  $R_0 = \lambda_{Brog}$ , the period of rotating around the nucleus  $T_0$ , the speed of light  $c$ , the Planck constant  $h$ . the flux of force through a closed surface  $ch$ . is a physical quantity in its own reference frame, the mass  $m$ , the wavelength  $R$ , the period of rotating around the nucleus  $T$  velocity around the nucleus, the electric charge of the electron  $e$ . the Compton wavelength  $\lambda_{com}$ , gravitational constant  $\gamma$ , gravitational mass  $M$ , is a physical quantity in the moving frame of reference.

In most cases, the wave and corpuscular properties of particles are treated separately from each other, while the wave-particle duality involves the simultaneous change them. It is obvious that there is a transformation that gives a consistent change in wave and corpuscular characteristics of the particles. This transformation is inversive geometry. Inversion transformations translate the wave of de Broglie in the classical electron radius. The conversion factor is the wave length of Compton. Wave-particle duality is explained by the fact that space is matter and matter is space.



Geometric relationship of magnitudes of big formula Lorentz  
transformations in corpuscle.

Suddenly, the microcosm discovered the identity of the radius of the Schwarzschild sphere  $r_s = \frac{GM}{c^2}$  and classical electron radius  $r_e = \frac{e^2}{m_0 c^2}$ . They are equal to the ratio  $\frac{R_0^2 - R^2}{R_0}$

Body compressed to the size of the radius of the sphere Schwarzschild becomes a black hole is not discharged to the outside no radiation because of the strong attraction. The body, which falls into the black hole intensely, radiates its energy. The size of the electron is comparable to its classical radius and the radius for it plays the role of the radius of the Schwarzschild sphere, i.e. it is as close to a "black hole", absorbing and emitting energy at rotation around the nucleus.

R and R<sub>0</sub> is the radius of circulation of space-matter in abbreviated and unabbreviated form, which tells him the Lorentz transformation, and hence it can be

concluded that electrons and all other particles are "black holes", are formed as a result of the Compression of space inside them.

If we assume that the universe has an edge beyond which is the void, she's in the same moment at the speed of light will begin to fill its. However, in nature, no rectangular bricks, of which could be drawn completely dense space. Therefore, the motion of the space seeking to fill the void will continue indefinitely.

"Nature abhors a the void ", part of the space are in constant motion to prevent the formation of any holes, and it turns out that the edge of the Universe is among us in a dynamic state within the micro particles, planets and stars. These objects are vortices of space-in which it moves at the speed of light.

The universe has no end or edge. Its end and the edge is hidden inside the atoms of substance inside planets and stars. We are and active, that not only lives on the edge of «black holes», but also consists of them and balances between plus and minus.

We know which powerful movement in science and in technology and in life in General peoples have caused the formula of mass-energy equivalence  $E = mc^2$ , which is therefore called the fundamental. Wanderings physicists around this formula continue to the present time. They created a lot of field theories, which answered to the related questions about the structure of matter, but none of them answered the question - why the mass, which used to be considered a quantity of matter, suddenly became the amount of energy and what then to measure the amount of matter?

The answer is obvious – the quantity of matter it is necessary to measure the volume, since the matter– it is physical space. There is no space - no matter. There is matter there is space. Not the field, the physical space has momentum and energy of its motion. The mass-energy equivalence arises from the balance of centrifugal force of rotation of the physical space inside the corpuscles and the pressure force of the external physical space. From this we can find that the pressure force of physical space is expressed by Gauss's law:

$$E = mc^2 \Leftrightarrow \oint Fds = ch$$

Thus on the basis of the mass-energy equivalence New Cartesian Physic concludes that on the surface of each particles of the entire Universe operates the flow of force is equal to the product of Planck's constant to the speed of light, which is balanced by the flow of the centrifugal force of rotation of the space inside the corpuscle. In case of violation of the balance of the corpuscle is moving (levitating) in the direction in which it is violated. Thus, the pressure force of the universe is the cause of the movements as in the normal world, so in the paranormal phenomena since the space-matter in the state of the physical vacuum is not visible to us and perceived by us as the length. We do not feel space, because they themselves consist of it.

Defining the mass as the flow vector of the centrifugal acceleration space in corpuscle, New Cartesian Physics claims that the velocity of space in the center reaches the speed of light. Here it is necessary to recall the relativistic twin paradox, arising as a result of significant time dilation at speeds close to the speed of light, and on this basis to conclude that the stable existence of substances is obliged to this effect.

In those days few people would be interested in my research, so as in physics all decided by the authorities' scientists, who have invented a super bomb and was looking for super particles, they were busy with their own problems and strictly watched that in physics not penetrated distracting their ideas. They mastered the power of the atom based on the formula of mass-energy equivalence, expecting that inside the particle there is something extraordinary, they still are searching that creates a mass of body. However gravitational mass is the flow of vector of the centrifugal acceleration which creates a rotating space. They continue to wander in physics, scaring people, big explosions, black holes, dark matter and dark energy, promising them a life in a parallel universe and teleportation. Perhaps for

the attractiveness of physics in it and there should be this populist fog, but underneath it must be the theory asserting moving space-matter.

It was important for me that I was not carried away "super" ideas. Every morning, waking from sleep I always if not in the foreground somewhere in the subconscious had my formula. I wandered as they around formula of mass-energy equivalence, because i was convinced that in the center of the kernel space rotates at the speed of light. The formula of the law of gravitation Lorentz, a large formula of its transformation has identified the purpose of my life. Like Moses, who for forty years drove the Jews in the desert, similarly I wore these ideas in themselves, suggesting that they will disappear from my consciousness, if they are wrong, but no, they not only survived, but became a theory of the New Cartesian Physics.

In the 17th century the French philosopher Rene Descartes proposed to the Space-matter equivalence. Of this identity originated Cartesian physics, in which he put the rotation of space. Subsequent scientists repeatedly used his ideas, but were unable to overcome some difficulties in applying his model to the real world. Modern science approached implicitly close to solving these problems and the resulting new physics, based on the identity of space and matter, should be called the New Cartesian Physics.

But I would have remained an unknown thinker, and New Cartesian Physics would not have seen light if not have appeared personal computers, and the Internet. First, I posted their papers online Narod.ru called "Physics for the third Millennium" in the journal "Quantum magic" and finally in the GSJournal, <http://gsjournal.net/Science-Journals-Papers/Author/180/Boris%20S.,%20Dizhechko>. To trace the evolution of the idea of identity of space-matter is possible according to the book "Moving space-matter", was written by my articles in Russian. The book is distributed by LAMBERT Academic Publishing.

It was all free. For those who want to get money from me for publishing my paper, I answer that I am an independent researcher and any money not getting to share with you. Me many years and I have no need in careers, so that I paid the money. I just have a desire to acquaint others with New Cartesian Physics. But many don't want to know because they have formed own worldview, model Logo, and no one wants to break it, everyone is on his own opinion, opposing someone else's. Exit here alone – to introduce her for young physicists, when they are still in school and have begun to wander towards a Goal. It is necessary to write a comprehensive textbook on physics, fully on the ideas of the New Cartesian Physics.

New Cartesian Physics is currently in its infancy. these formulas are suitable only for the philosophical understanding of physics. To apply them to calculations required to carry out their detailing and consistency. The best measurement system there may be system LT, based on the units of measurements of length and time. In this system, the mass has a dimension  $L^3T^{-2}$  that corresponds to its definition as a flow of the acceleration vector through a closed surface.

In theory of Wandering towards a Goal – How can mindless mathematical laws give rise to the aims and intentions of the New Cartesian Physic proposes to consider the following assertions:

- from the mathematical formula of the law of the constancy of the flow of forces follows that of the body move as a result of interaction of a rotating space inside the particles with the pressure of the Universe;
- from the mathematical formula of the Lorentz transformations it follows that the edge of the Universe is inside of particles, planets, stars, etc.
- from the mathematical formula of mass-energy equivalence, it follows that the image of the external world the brain constructs does not in itself, and in the space around them. Mental images of actions that the brain builds the physical space around the control authorities and impact on the items.