

## PARALLEL WORLD OF STILL TIME

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*Nothing is static, all vibrates and the whole our universe – it is dynamical, mutable and developing continuity.*

By some miracle this ancient astrological postulate has reached our time.

But look here; there is the key for comprehension of all processes, which existent in our extremely mysterious Universe is put in it.

If weren't these vibrations, which going from depth of microcosm, then The Universe was lifeless. But most likely it doesn't exist at all. Let's give some proofs in favour of this assertion.

1) You can find in reference books as infrared waves of 100 million km. wave-length, so gamma-quantum with wave-length of a few tens picometers. There is no any limitation for existence of shortest waves.

The fact is, the being of distant bioenergetical or telepathic bond between of next kinsmen, especially between of twins, point to existence of shorter waves, then gamma. That emanation penetrates anyone materials and overpass all space freely. It is very likely that, gamma-quantum of this emanation is notorious neutrino.

2) Two phenomenon that underlies in foundation of official physical theory are build up two fictions by scientists of XIX and XX centuries.

First phenomenal occurrence is dualism of wave and particle.

Second phenomenal occurrence is transmutation of mass and energy.

First fiction is elementary particle.

Second fiction is formalized model of mass.

If we map out both fictions from phenomenon, then reality remains:

### WAVE = ENERGY

At research of laws of the nature we actually measure only three parameters – force, length and time. Therefore, it seems rather strange, what for scientists have excluded the unit of measurements of force from the list of the basic units of measurements, and have entered the unit of measurements of mass. Let us, research this problem more carefully.

In the International System of Units four basic units of measurements – a mass unit [kg], a unit of length [m], a time unit [s] and a unit of force of current [A] are used.

In our work “On INTERCOUPLING of SOME PHYSICAL CONSTANTS” we have shown, that dimension of unit of measurements of quantity of electricity – of coulomb, is equal to product of a root square of force multiplied by time  $|C| = |N^{1/2}| \times |s|$ .

Applying the received result to the basic and additional (derived) units of measurements in the system SI, we shall see the following picture:

Unit of measurements of force of electric current  $|A| = |C|/|s| = |N^{1/2}|$ ;

Unit of measurements of intensity of magnetic field  $|A|/|m| = |N^{1/2}|/|m|$ ;

Unit of measurements of electric potential difference  $|V| = |N^{1/2}| \times (|m|/|s|)$ ;

Unit of measurements of intensity of electric field volt/meter  $|V|/|m| = |N^{1/2}|/|s|$ ;

Unit of measurements of electric resistance ohm  $|\Omega| = |V|/|A| = |m|/|s|$ .

For definition of pressure of electromagnetic wave the formula by Pointing is used, which directly gives the result expressed in pascals,  $|\text{Pa}| = |N|/|m^2|$

$$\vec{\Pi} = \frac{1}{c} \cdot [\vec{E} \times \vec{H}] \quad |\text{Pa}| \quad (1)$$

where:  $E$  – intensity of electric field of wave;

$H$  – intensity of magnetic field of wave.

Pay attention, that a volt is a product of ampere by a speed, though we have got used to that this product of an ampere by an ohm. Hence, electric resistance represents a speed of some movement in substance, but not resistance to movement of electric charges.

Other fact from a series of illogicalities concerns to a technique of definition of unit of measurements of force of electric current. An ampere is defined, as result of interaction of two infinite and parallel conductors with electric current. Such conductors in the nature do not exist. Electric current, as continuous so alternating, always is closed and, hence, it has concrete connection with space and time. If we shall give for an electric current to operate according to the law of the most favorable power state, it will necessarily take the shape of a ring. The law of the most favorable power state is carried out undeviatingly in all other force interactions. Therefore ignoring of this law always results in false hypotheses and theories. And, at last, pay your attention that the electrodynamics cannot manage without velocity of light. It is something magic fundamental constant, which bind together the universe and whose mystery doesn't clue until now.

Let us analyze, how we perceive two substances of the universe, one of which is SPASE and other is TIME.

How many coordinates the SPASE has?

One ..., and one only! From endless depth of microcosm to endless expanse of cosmos.

Let us denote this generalized coordinate, as  $L$ .

How many coordinates the TIME has?

Also one only! From endless remote past to endless distant future.

This generalized coordinate denote, as  $T$ .

Even if you perceive as pun, but SPASE is placed into TIME and TIME is placed into SPASE.

Our world as if turns inside out in the time point of crossing through value of velocity of light.

We try to prove this assertion by procedure of, so called, "scientifically poke at random".

Aerohydrodynamics used the characteristic of force interaction between milieu and solid, that move in this milieu, which named as a high-speed pressure (velocity head).

For the case of uniform and straight-line motion in isotropic medium velocity head express by the formula

$$P = \frac{\rho \cdot v^2}{2} \quad |\text{Pa}| \quad (2)$$

where:  $\rho$  – density of medium,  $\text{kg/m}^3$ ;

$v$  – velocity of motion of medium relatively solid (or vice versa),  $\text{m/s}$ ;

As you can see, it is cubic density of kinetic energy of medium.

Let us equate (1) with (2) at condition  $v = c$ , and vector product make as scalar.

$$\frac{1}{c} \cdot E \cdot H = \frac{\rho \cdot c^2}{2} \quad (3)$$

In the given formula a density of medium has the sense of gravitational density of SPASE, i.e. it is force characteristic of the universe.

$$\rho = \frac{F_g}{V} \quad |\text{N/m}^3| \quad (4)$$

where:  $F_g$  – gravity potential, which is comprised in the volume  $V$  of our world of still space.

Let us designate velocity of light by way of generalized coordinates of SPASE – TIME  $c=L/T$ , then we can reduce the formula (3) to kind:

$$E \cdot H = \frac{F_g}{2 \cdot V} \cdot \left( \frac{L^3}{T^3} \right) \quad (5)$$

At the transfer into coordinates of parallel world of still time (it is necessary take a run up to velocity of light for that) the formula (5) becomes:

$$E \cdot H = \frac{F_t}{2 \cdot T^3} \cdot \left( \frac{L^3}{V} \right) \quad (6)$$

here:  $F_t$  – gravity potential, which comprised in the volume  $T^3$  of parallel world of still time.

For inhabitants of parallel world of still time our gravitation – nothing, since their space flows (or passes) in itself, like our time. But for transference through time they expend colossal energy. Let's a look, can we travel from one world into other and back?

The relativity theory asserts, that with increase of speed of a body, its mass increases, and consequently, the body never can reach a velocity of light.

At us is some other approach to this problem.

Let us made calculation for electron.

Can you to call some another way of acceleration of electron until velocity of light, except as by means of electric field?

No, you cannot! Because, there are no other means.

Given below formula (7) – it is formula for velocity of electron (including relativistic), in electric field after passage of potential difference U by it.

$$v(U) = \sqrt{\left( \frac{2 \cdot q_e \cdot U}{m_e} \cdot \sqrt{1 + \frac{q_e^2 \cdot U^2}{m_e^2 \cdot c^4}} \right) - \frac{2 \cdot q_e^2 \cdot U^2}{m_e^2 \cdot c^2}} \quad \text{[m/s]} \quad (7)$$

where:  $m_e = 9.10938188 \times 10^{-31}$  [kg] – electron rest mass;

$c = 299792458$  [m/s] – velocity of light in vacuum;

$q_e = 1.602176462 \times 10^{-19}$  [C] – elementary charge.

Distinction of kind formula (7) from formulas, that offers theory of relativity with using of ratio  $[1 - (v/c)^2]$ , – the electron mass in formula (7) is constant. Nevertheless, the formula (7) describes real physical process quite exactly and according to laws of classical electrodynamics. That is why, softly expressing, it is stupidity – to announce about unshakable verity of the theory of relativity on the basis of behavior of solely electrons.

Mass is formal concept, and so it is not allowed to do global logical deductions, depending on this formalism.

Hence, mass of the electron in our formula is a spare member.

Some wave characteristic of the universe must be instead of mass.

According to the formula (7) electron can be accelerated until velocity of light by electric potential of 1GV (1 billion volts). Under such energy of the motion electron knocks out its own double – positron, from vacuum.

We don't know, transition it, or not transition into world of still time, but to dream of travels between two worlds rather early.

However, it is not unlikely to communicate with parallel world of still time.

To transfer itself to the future you can only by one way – in the genes through the descendants.

In the best or in the worst kind – depends only on you.

But here is communicate with parallel world of still time, probably, possible.

For example, with help of **EH**–antennas of special design, since every atom and every molecule has entry into PARALLEL WORLD OF STILL TIME.

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## Postscript

### All the same, what it is mass?

In the formula (7) there is member, which is non-dimensional:

$$\frac{q_e \cdot U}{m_e \cdot c^2} = \frac{1}{m_e} \cdot \left( \frac{q_e}{c} \cdot \frac{U}{c} \right) \quad (8)$$

Consequently, the expression that is enclosed in brackets in right part of this equality has dimension of mass |kg|.

Let's reveal dimensionality of the expression, concluded parenthetically i.e. dimensionality |kg|, in electric unit of the measurement.

$$\frac{|C| \cdot |s|}{|m|} \cdot \frac{|V|}{|m|} \cdot |s| = \frac{|A|}{|m|} \cdot \frac{|V|}{|m|} \cdot |s^3| \longleftrightarrow H \cdot E \cdot t^3 \quad (9)$$

Now we shall remind that vector by Pointing in formula (1) – it is a vector however, and so for indicating of the direction of the pressure of the wave it is necessary put to formula (1) ort  $\vec{L}$  for our space.

Accordingly, for parallel world of still time, it is necessary bring ort  $\vec{T}$  in place of our "volumetric"  $t^3$ .

Then, according to law of action and reaction by Newton

$$E \cdot H \cdot \vec{L} = H \cdot E \cdot \vec{T} \quad (10)$$

But, it is inertial mass only.

About gravitational mass we had write at 2003 year:

[http://vlamir43.narod.ru/dipole\\_of\\_speed\\_e.pdf](http://vlamir43.narod.ru/dipole_of_speed_e.pdf)

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### *Post-postscript (for schoolboys and inhabitants to New 2012 year)*

The current of time we feel thanks to existence of light. If who thinks, that time current can be defined by means of gravitation or a sound signifies then he mistakens.

Light is a life source, and without a life there are no also sensations.

So, we begin from the beginning. Light is a stream of photons. As the official paradigm declares, the photon has no mass, but has an impulse.

$$\vec{p} = \frac{h \cdot \nu}{c} = \frac{h}{\lambda} \quad |N| \times |s| \quad (11)$$

Where:  $h$  – Planck's constant

$c$  – velocity of light in vacuum

$\nu$  – frequency (light wave) photon

$\lambda$  – length of a wave of a photon

Impulse of a photon is vector, but here to the right of an equal-sign in the formula (11) even there is no place to put an arrow of vector. How it is poorly on our mathematical fields.

***Now we will be engaged in a popular scientific fantasy.***

Let's sit down in the astroplan of the spherical form and we will fly to that part of space where there are no gases and a dust, and full darkness. Then we will heat the shell of the astroplan to temperature of a luminescence and we will start to accelerate our astroplan in any direction.

From a school bench someone from us remembers Doppler's effect.

This effect is observed both at spreading the sound, and at spreading the light.

Only for light it is called as longitudinal Doppler's effect, and the length of a wave calculate off under the formula

$$\lambda = \lambda_0 \cdot \sqrt{\frac{c-v}{c+v}} \quad (12)$$

Where:  $\lambda$  – length of a wave of the photons which are fly off from a surface of the astroplan in a direction of its movement, at speed of the astroplan  $v$ ;

$\lambda_0$  – length of a wave of the photons which were fly off from a surface of the astroplan at the moment of start, i.e. at  $v = 0$ ;

$v$  – speed of the astroplan.

Looking at a radicand in the formula (12) we understand at once, that in a direction of movement of our astroplan the length of a wave is shortened, that in a scientifically way is called as violet displacement (or shift). Also, it becomes clear that in an opposite direction the length of a wave will increase, i.e. red displacement will observe.

Simply the mind boggles, as the wave becomes shortened or lengthened!

Probably it changes speed of spreading?

But we know, that the velocity of light is always constant!

What this is got? Else some photon will not have time to creep out from a cover of astroplan as a following photon starts to push him behind.

The forward photon is have to hunch and twist, and then flies further in such inconvenient position. On an opposite side of astroplan the situation is easier. Behind there is no such chaos and if nothing pulls a photon for tail it flied off and will easy continue the way.

It is necessary to us to return back to aerohydrodynamics – to the formula (2), and to argue so.

Those photons which have not time to leave an astroplan shell in a flight direction, create a light high-speed pressure on a shell, i.e. receive from a shell a gain to the impulse.

Accordingly, from the back of the astroplan the photons will fly off with the reduced impulse.

Let's count up this gain-reduction to an impulse of photons, using the formula (11).

$$\Delta \vec{p} = \frac{h}{\lambda} - \frac{h}{\lambda_0} = \frac{h}{\lambda_0} \cdot \left( \sqrt{\frac{c-v}{c+v}} - 1 \right) \quad |N| \times |s| \quad (13)$$

In the formula (2) high-speed pressure has dimension of  $[N/m^2]$ . It is enough to multiply numerator and a denominator by metre, and we will receive density of kinetic energy in joules on cubic metre  $[J/m^3]$ .

Integrating expression (13) it is possible to receive the formula for calculation of all that energy which will receive a photon, at speedup of the astroplan to a velocity of light.

$$w_c = \frac{h}{\lambda_0} \cdot \int_0^c \left( \sqrt{\frac{c-v}{c+v}} - 1 \right) dv \quad |J| \quad (14)$$

Calculation shows, that this energy is equal:

$$w_c = \frac{\pi \cdot h \cdot c}{2 \cdot \lambda_0} = \frac{\pi}{2} \cdot h \cdot v_0 \quad |J| \quad (15)$$

Once again it is necessary to say a phrase – «How it is poorly on our mathematical fields» because the factor  $\pi/2$  says to us that the photon has twirled the screw on this angle, and here to the left or to the right we now in any way cannot define.

Unique experimental acknowledgement is that receiving an additional impulse the photon really twists in the left or right screw, is transverse Doppler's effect. At the speed of the astroplan closed to a velocity of light, in a transverse direction the light with length of a wave will be observed

$$\lambda_{\perp} = \frac{\lambda_0 \cdot c}{\sqrt{c^2 - v^2}} \quad (16)$$

Generally, it is hardly believed, that the transverse wave characterises the same photons that fly out forward on course of the astroplan. But there's nothing to be done, if this formula have confirmed experimentally. According to the formula (16), the speed of the astroplan will be closer to a velocity of light, the the transverse wave will be longer. When the astroplan will reach a velocity of light, the length of a transverse wave becomes endless.

What is such – a wave of endless length?

There can be it a light barrier of speed, by analogy to a sound barrier to supersonic fighters. Then someone in space «will hear a light thunder».

There can be it border has undressed between material and non-material.

And there can be it transition in the parallel world of still time.

The length of a wave is defined as product of a velocity of light for period of fluctuations. And as the period is endless, i.e. it absolutely is not present, time means is stopped.

And what at this time occurs in a back part of the astroplan?

The astroplan already has taken a velocity of light, therefore for photons there are remained two variants of behaviour: or they creep out from a shell of the astroplan and remain to "hang" in cosmos in the form of electromagnetic “dessert made of fruit”; or they turn around by the same screw across a course of the astroplan and form transverse waves of endless length.

Both in that, and in other case behind the astroplan also there will be stopped time.

We still have the opened question, into which still time we have arrived – to the past or in the future? It, apparently, depends on in what direction photons will be twisted – to the left or to the right. But, as we already spoke, we do not have answer to this question.

Unfortunately, the experimental physics considers this question as insignificant.

### *Epilogue*

It is good, that we have grabbed with itself the textbook on geometry by Euclid.

From other textbooks there is no sense, both in our mad world, and in the world of still time. But here is geometry by Euclid feels itself as «in its saucer» in any world.

Now before us the endless time is extensively stretched in all sides, and the space flows to itself gradually, in regular intervals counting the:  $\pi/2$ ,  $2\pi/2$ ,  $3\pi/2$ , ...

Having armed with geometry by Euclid we must build through the stopped time the course of our returning to Solar system. After all, we not only physicists are, but also live beings, therefore for us the question should interest very much – as the Sun works? – This unique source of the Life for earth dwellers. Whether rights Nikolay Aleksandrovich Kozyrev, which considered the Sun as mighty machine, that convert TIME-substance to the light and heat.



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