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Psycho-cosmic energies and economic growth

ISBN 978-5-906000-00-0
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www.konyukhov.ru



Издательство
«Искусство»
www.iskusstvo.ru

16+

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**Psycho-cosmic energies
and economic growth**

«ЛитРес: Самиздат»

2018

Конюхов Н.

Psycho-cosmic energies and economic growth / Н. Конюхов —
«ЛитРес: Самиздат», 2018

Earth is getting continuously supplied with energy that from the space in both electromagnetic and non-electromagnetic forms, as well as in a form of ether vortex. Studies have shown that the human brain, EEG (electroencephalogram) remains the most accurate among all the devices set up sophisticated physicists. responds to changes in the density of the cosmic ether. Economic growth becomes dependent on cosmic energies in the same exact manner as they influence the activity of our brain.

Introduction

Professional communications among brilliant practitioners and equally brilliant scientists, who are working not on promotion of their citation rates, but rather on real practical problems, does not pass without a trace. Your mind, and then your conscience starts worrying about unfinished experiments, stated and unchecked ideas, unaccomplished affairs. You cannot get rid of thinking how it is simple to measure velocity of the ether near Earth, if you have precise apparatus measuring the magnetic field strength, and if you know where usually the ether "blows". The magnetic field "blows away" the ethereal wind. When you measure and calculate these by yourself, then debates about the reality of cosmic ether begin to cause bewilderment. Then you realize: argue those people who cannot experimentally reproduce the results by themselves or those, for whom the existence of cosmic ether is not profitable. Like the existence of alternative economic theories is not profitable for some economists. It's like a peculiar self-protective reaction of personal professional status or, as well, like self-admiration. There are other reasons for disputes that are sometimes far from the search for truth.

Thus, the authors of this book did not waste their time on arguing the issue that cannot be proven by general considerations – about the reality of cosmic ether, and about its properties. There is neither the detailed knowledge that is usually addressed in books issued earlier by the scientific center.

This are provisions telling about existence of ether vortices of left and right spins, on impact of cosmic ether on our history, cycles of such impact, of empires' stages of development in accordance with cycles of cosmic energies, about the essence of gravity-spin energy, about its connection with the electromagnetic energy and with a certain arrangement of planets, about transfer of ether energy to Earth through pathways of Void, about the physiological, biological mechanism of perception these energies by the body, and etc. If certain assertions of this book will seem to readers insufficiently clear and evident, then we suggest to read materials published earlier by scientific and educational centers of "Biryuch" and "Bemkon". These materials are cited in the book.

We either do not waste time fighting with opponents of cosmic ether concept. Once, Poincare shrewdly and slyly noted: "It is not so important for us, whether the ether actually exists – let the metaphysics argue over it; what is much more important for us is that everything happens as if it existed, and that this hypothesis is convenient to interpret various phenomena. And eventually, if we have other reasons to believe in existence of material objects themselves? Belief in their existence is in the same manner only a convenient hypothesis». (Poincare, Science and Hypothesis", 1902). Poincare expresses a quite thoughtful reasoning. You can simultaneously resolve scientific problem and avoid conflicts harmful to scientific research. Otherwise, the conflict will take all your forces. It is the way enthusiastic practices work. Mainly silently.

Representatives of new physics, admitting existence of the ether, are divided into those who are passionately fighting for their ideas, and who quietly and modestly works practically.

Chapter 1. Electromagnetic and non-electromagnetic cosmic energies, and their relation to factors of economic growth

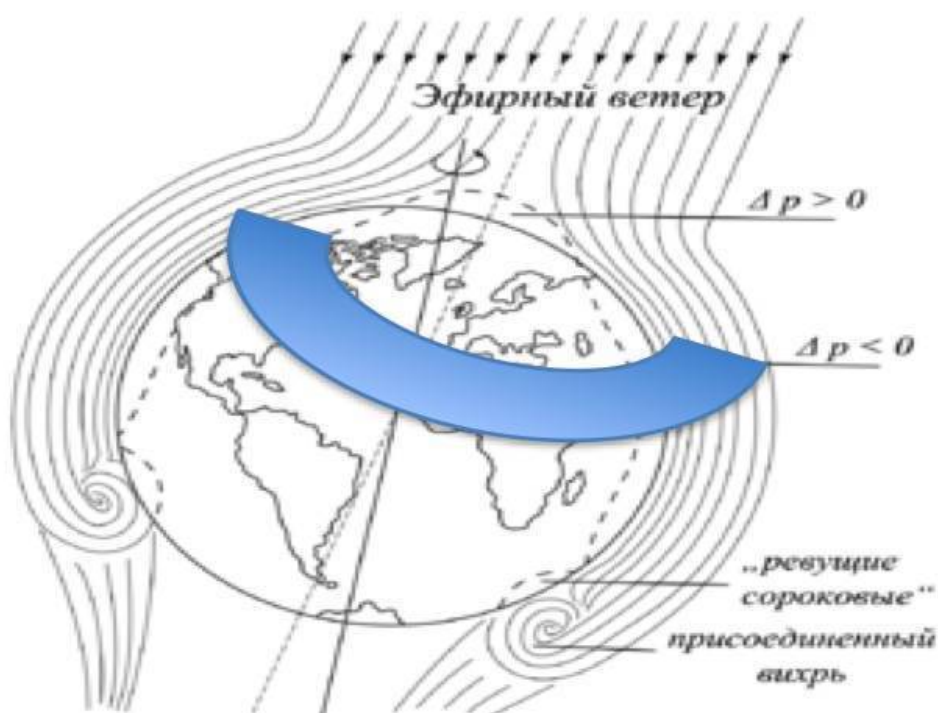
Electromagnetic energies are primarily related to solar activity in the electromagnetic range. Non-electromagnetic energies are in the first turn represented by vortex energies. It can come from space in the form of ether vortices, be radiated by Sun and come out of Earth.

1.1 Vortices of cosmic ether on Earth and attributes of their change

For several years, authors of this article communicated and worked with the founder etherodynamics, professor V. Atsukovsky. He was obsessed with the idea of cosmic ether. So that surveys of employees of a large Russian holding company by the psychological and psycho-physiological methods (EEG – electroencephalography) have agreed with discussions with this ingenious person. And it somehow turned out that results of psychological research were glanced through the ideas of etherodynamics.

For example, Atsukovsky introduces a scheme of spread of cosmic ether streams on Earth. It reflects places of higher and lower pressure of cosmic ether.

Distribution of the ether wind pressure around Earth by V. Atsukovsky



Source: <http://ether-wind.narod.ru/glava22.htm> Ether wind: problems, mistakes, and issues V. A. Atsukovsky // Ether wind. Collect. of papers/Edited by B V. A. Atsukovsky. – M.: Energoatomisdat, 1993. – 288 p.

https://traditio.wiki/files/thumb/9/9c/Atsukovsky_Ether_Earth.gif/277px-Atsukovsky_Ether_Earth.gif

And here comes a map of places with the most intensive terrorist attacks.

Let us compare zone of growth of irregularities in ether density on Earth with places on the map, which marked in the intensity of terrorist attacks. We see that they match each other.



https://www.start.umd.edu/gtd/images/START_GlobalTerrorismDatabase_2015TerroristAttacksConcentrationIntensityMap.jpg

We note, that this zone includes in itself both an area of low density of the ether and an area of unstable pressure. The bigger number of terrorists attacks was made in the areas of unstable, changing ether flows.

Accidentally?

Atsukovsky assumes that the Earth's rotation slows down or accelerates also because of changes in the density of the ether flows, and not only due to changes of attraction forces of Moon and planets.

These relationships have been studied (N. Konuhov, 2016a, 2016b, 2016c). They have shown a connection between the density of the ether, more precise – its properties – and various indicators of mankind development: movement of stock markets, rate of economic development, alcohol consumption, people's health, mortality because of unnatural causes, etc.

In new physics, theory of the etherodynamics defines a system of signs when Earth is entering denser layers of the ether:

- Reduction of the electromagnetic activity of Sun, reduction of the voltage of its magnetic field;
- Reduction and even "jitter" in the form of "butterfly" of the magnetic field of Earth.
- Lowering the temperature on Earth due to the effect of cosmic ether vortices (these vortices usually have the lower temperature inside lower than the temperature of environment). During large emissions of carbon dioxide into the atmosphere and heat flows from human activity it has become a less reliable tool for measuring the density of the ether flows. But in the past (minimum of Maunder) it was a fairly accurate tool for measuring the energy dynamics, density of the ether flows, and gravity-spin energies. Currently this feature can be replaced by lowering the temperature of the Sun's surface.
- Reduction of the speed of flight of the solar system, rotations of Sun and Earth;

- An increase of intensity in volcanic activity; – Reduction of weights of bodies (A. Chernyaev. The Earth's pulsation, the weight change of bodies and the gravitational "constant". M.: 2007);

- The rapid growth of biota; – Reduction of the Earth's rotational speed, increase in the duration of earthdays;

- Measurements of the vortex energy using appliances (torsind, torsion balance, IGA-1), etc. (The breath of history. – M.: 2015, 476 – 495 pp.);

- The growth of concentration of isotopes due to more intense cosmic rays (for ether vortices with different physical characteristics, isotopes of different substances are more predictive): – Changes of EEG of humans.

Curious to relate, the most effective method of such measurement in order to identify the impact of the increase of cosmic energy on the people is measurement and further comparison of the electroencephalogram. Our brain responds to changes in these energies better than any physical devices created to date. (N. Konyukhov. Psycho-cosmic energies: protests, revolutions, spurts in development – M.: 2016, 57 p.).

The most important points of changing trends in the socio-economic and spiritual changes, protests, revolutions are associated with changes in the density and direction of spin of the cosmic ether vortices. Points of bifurcation in the development of humanity are the points of changing in the direction of the spin. This is a purely physical phenomenon for all vortex phenomena. It is figuratively described by Viktor Schauburger in an example of movement of water in the river. (V. Schauburger. Water energy. Jauza, 2007– 320 p.).

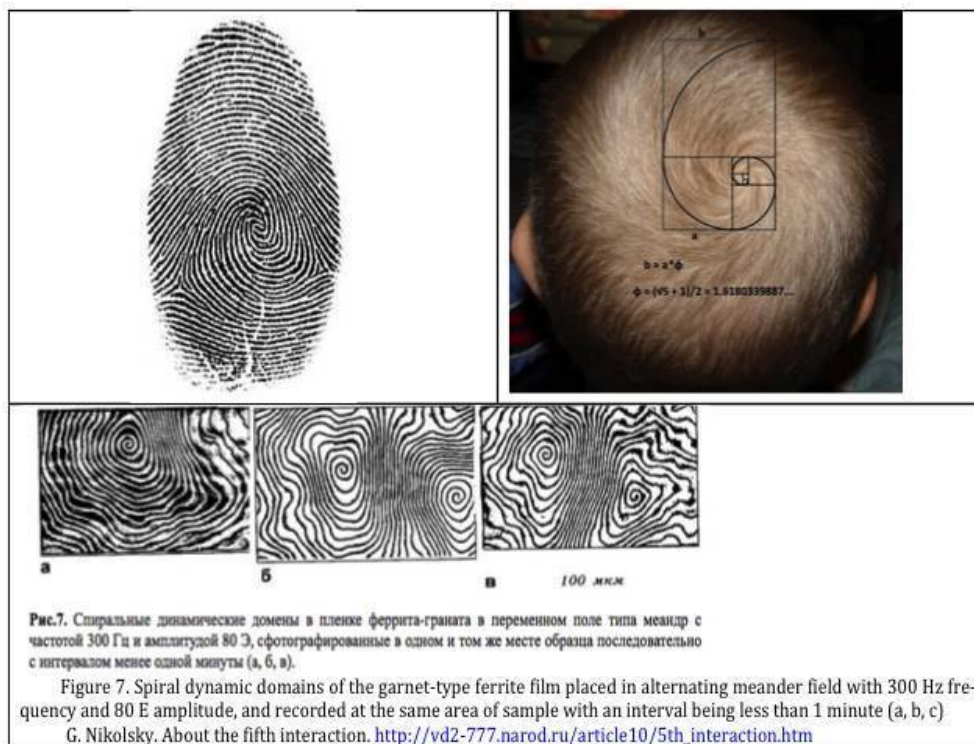
Here, economic laws are important for us.

All the main indicators of economic development are linked and have cycles, reflecting the cyclical changes in the Earth's rotational velocity, i.e. the cycles of cosmic energies to the extent that the speed of rotation of Earth depends on the density of the cosmic ether. Part of the spectrum of energy directly affects our brain, psyche, our physiological, biological sense and effects on results of various activities. Hence, this energy can be called psycho-cosmic. The composition of this energy is twofold:

- Non-electromagnetic cosmic energy of vortex character based on vortices of the cosmic ether.
- Electromagnetic energy. First of all, it is the energy coming from Sun.

Although, Sun emits non-electromagnetic energy too. It has been measured experimentally by G. Nikolsky. He has named this vortex energy as solitons – the fifth type of interactions known by physicists. So, cosmic energy includes also a vortex non-electromagnetic energy, not only well known electromagnetic. The vortices are connected with rotations of cosmic bodies, interactions of gravity-spin energy and energy of these rotations. This is the gravity-spin energy. Modifications, changes of the ether vortices under influence of rotating cosmic bodies are of the gravity-spin character.

There are visual evidences that vortices penetrate human. Hair fall on our head is in the form of a vortex. Yes, and all our fingers are in vortices. From head to hands and feet we see evidences of our exposure to vortex effects.



G. Nikolsky shows pictures of changes of substance under the influence of the vortex energy.

What is the similarity with the fingerprint! Note, that the configuration of vortices is associated with the Fibonacci number (on the top of the human head).

Energy solitons are extremely powerful. Their speed near the Earth surface is close to the calculated speed of the cosmic ether.

Vortex non-electromagnetic energies are now measurable. A. Pugach has been measuring them for six months continuously. Comparison of the data with EEG has showed that this energy directly affects our mind, our psyche.

Hundred books about this energy are written, thousands of experiments have been performed. We will only give a link to where these works are combined and analyzed: N. Koltovoy. Non-electromagnetic fields. Psycho-physics. Volume 6. Internet: <http://koltovoi.nethouse.ru/page/941253>

And we will also refer to the carefully collected bibliography on the part of the problem: spin, torsion fields <http://www.prometeus.nsc.ru/partner/zarubin/torfield.ssi>. This literature is published in our country, there are more than 500 titles.

Concepts have been developed so far, open facts in one way or another point at the existence of the cosmic ether. There are hundreds and thousands works dedicated to this phenomenon our days. The leader in fundamental investigations in this field is V. Atsukovsky.

Some scientists link non-electromagnetic vortex energy with the ether, the other with dark matter and energy, and others give it a self-sufficient value. But it is clear, that it exists, and our brain reacts to it better than any physical device in the present time.

And when we talk about the justification of these scientific fields we don't mean few charlatans, and not even a group of scientists, including brilliant representatives of the Academy of Sciences and of the whole layer of researchers and just thinking and experimenting people. These scientific ideas are born in the minds of talented doctors and candidates of science, and simply outrageous researchers. Some people call new received scientific concepts as the new physics, or the new

paradigm. There are articles on the subject from representatives of sectoral institutions, most of the Siberian Branch of RAS.

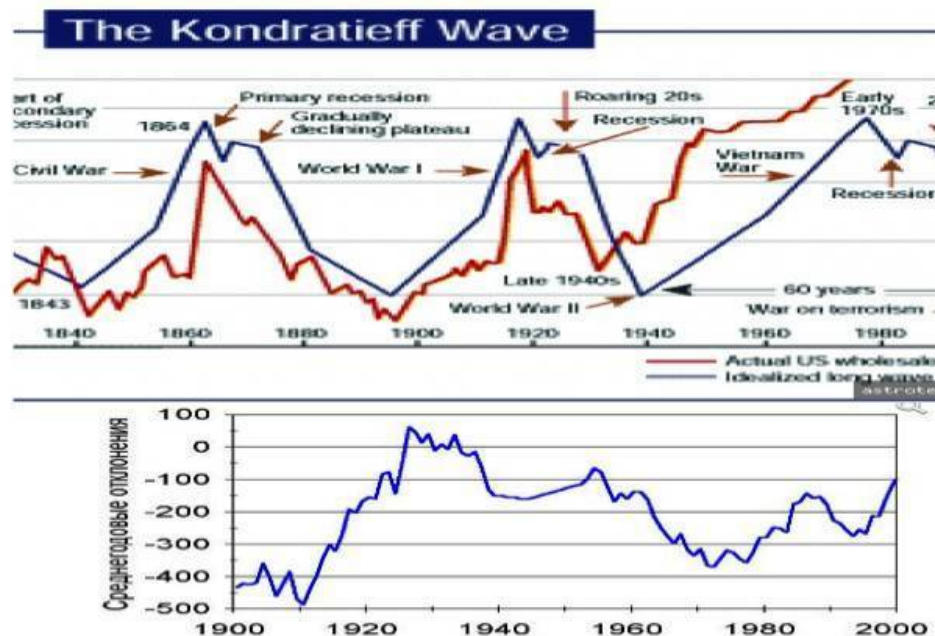
Let's clarify the concept and turn to economic issues.

Psycho-cosmic energies are the part of the cosmic energies that affect the psyche of people. It includes both electromagnetic and non-electromagnetic cosmic energies.

Non-electromagnetic cosmic energy may or may not be vortex. It is connected both with the vortex motion (spin, torsion energy) and gravitational forces. It is called gravity-spin. (V. Dyatlov). There are a lot of terms of physics to describe these phenomena. We use the most common.

Now, let us turn to the analysis of the impact of these energies on economic development, on economic cycles. Let's make a link between the angular velocity of Earth (through its change reflects the change in the spin, the torsional energy of Earth) with Kondratieff cycles. There is a stable relationship: the higher the speed of rotation of Earth is (probabilistic sign of the low density of the cosmic ether) – the slower is pace of economic development. Graphs are shifted by 30 years. That is, the first cosmic energies change, then we, people, and the dynamics of our changes is manifested in economic cycles. Change of generations of people is needed to change the so-called dynamic behaviors, work habits (Psycho-economics: 2012, 88 -104 pp.). As nowadays the rapid spread of computer technology is first of all through the emergence of computer literacy especially among young people.

The Earth's angular rotational velocity and Kondratieff cycles with the displacement in 30 years

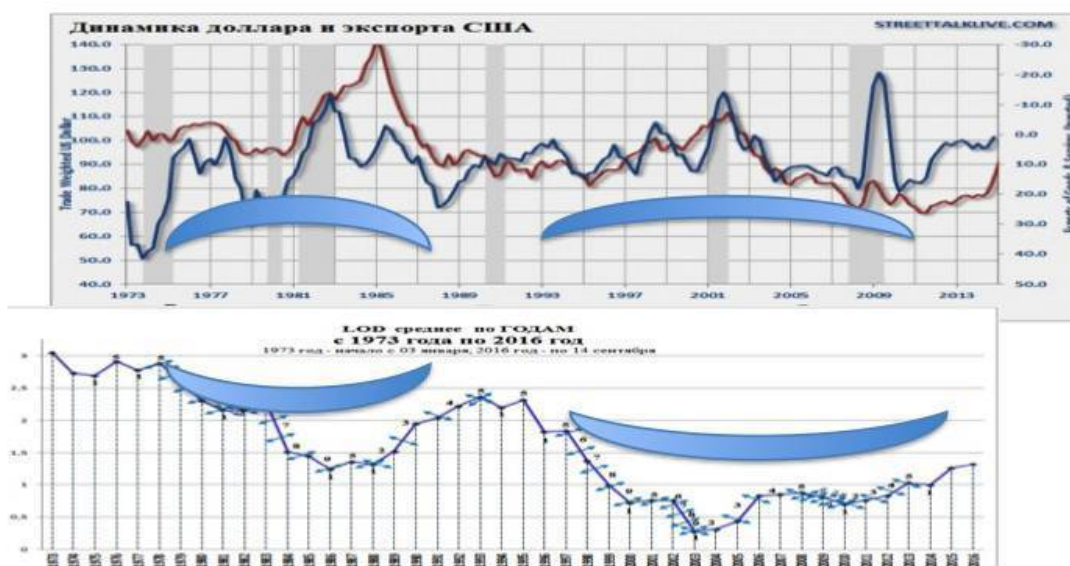


Each cycle of N. Kondratieff was associated with the transition to a new type of energy, new technologies. It takes a long time, there is needed a change of generations, because each generation carries the structure of its psyche, brain imprint of those cosmic energies, dynamic stereotypes, in which it appeared. This will be shown in later experimental data. But our brain responds to changes

in the cosmic energies directly. Therefore, to match the dynamics of the Earth's rotational velocity with changes in different human activities, we need a different shift schedules.

Financial indicators are quicker than real, natural, react to changes in the psycho-cosmic energies.

Behaviors of changes in dollar rate and US export and the Earth's rotational velocity with the displacement in 3 years



Cycles of N. Kondratieff reflect the cyclical, dynamic changes in the cosmic energies in the past time. Changed, lost the cosmic energy cycles form in which they were about 100 – 200 years ago – N. Kondratieff cycles are gone. But to see it, we require hundreds, tens of years.

Under change of the measurement scale, the transition to the analysis of individual countries, the usage of different criteria and indicators, the relationship between the rotational speed with the pace of economic development is eroded, it becomes less obvious. This is due to many factors: the quality of the population in various countries, the cyclical changes of the quality (the law of three generations), economics development, technological level, level of social division of labor, and others.

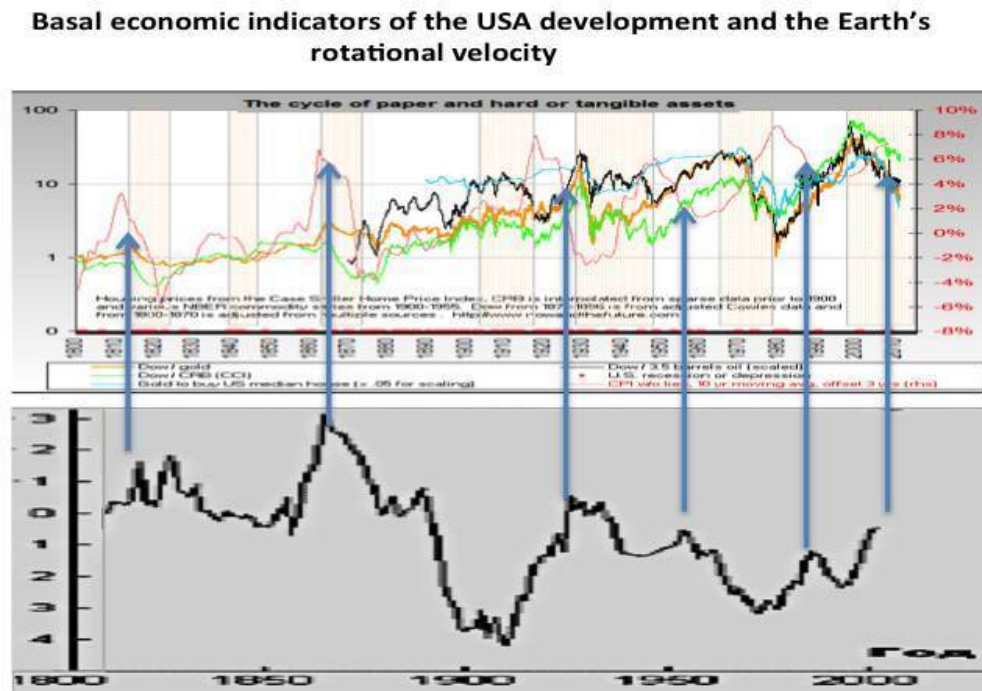
The larger is the scale of the country's economy, the more time is required for the cosmic energy in its pace of development.

With this approach, some questions remained. Why do we choose certain indicators? Which are principal? What is a connection between them? How does time of the shift of the intensity of the cosmic energies change in comparison to changes in economic indicators for the development of a society. To answer these questions, we take the basic economic indicators of the US for a long time, relations between which have already been found, and combine them with the Earth's rotational velocity.

Foreign economic statistics provides various graphs and charts. One of them is special. It is known as "The One Chart to Rule Them All".

CPI – Consumer Price Index – is one of the types of price indexes created to measure the average level of prices for certain goods and services (market basket) over a certain period of time.

Consumer Price Index measures changes in the level of prices for a variety of "fixed basket" of goods and services. In calculating the index, the prices of imported goods and services are taken into account. The Consumer Price Index is the main indicator of inflation in the country. The value of this index is of fundamental importance for the other economic indicators. It more closely and directly related to the Earth's rotational speed.



http://nowandfutures.com/key_stats.html

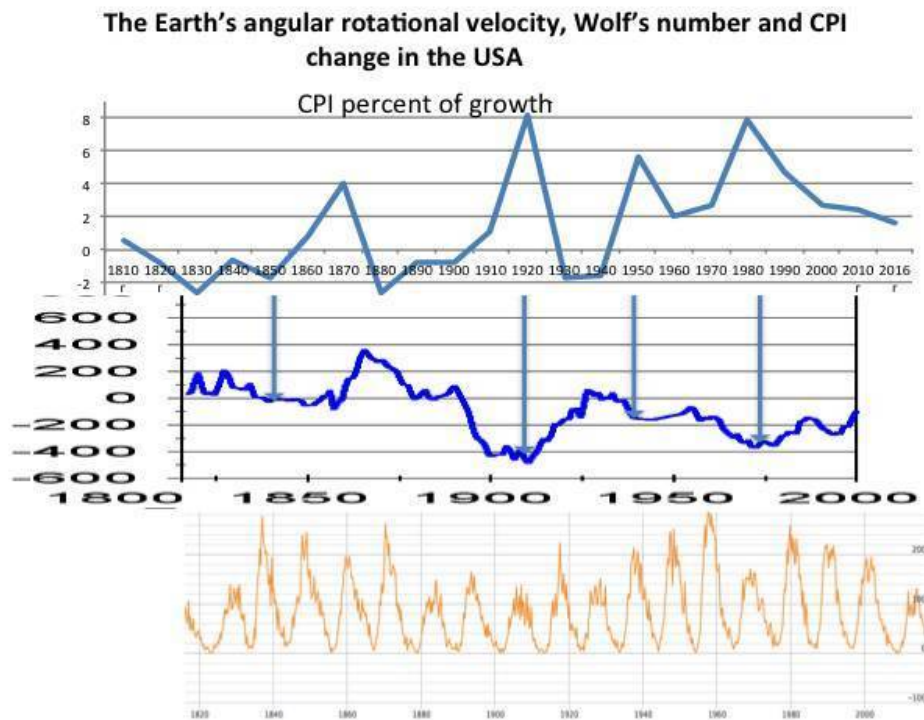
We note that the increase in the CPI after a sharp rise in the Earth's rotational speed occurs later every century. At the beginning of the XIX century the difference is within 2 years, and at the beginning of the XX century – in 3 years, and at the beginning of the XXI century – in about 7 years.

This let us approach the complex issue of the relationship between electromagnetic and non-electromagnetic energies and the relationship between the dynamics of their change and the dynamics of economic growth.

1.2 Rotational speed of Earth, solar activity and their connection to indicators of economic growth

Generalized indicator of economic growth, which is associated with other economic indicators, is the CPI (Consumer Price Index).

Here are the data for the time available for the Earth's rotational speed, for changes in the value of the consumer basket, i.e. the CPI (percentage related to the previous year), and solar activity. These data are from the beginning of the XIX century.



The CPI value is taken as an average of a decade. Graph of the CPI changes (mean per decade) accurately rests on the chart of the Earth's angular velocity. Lack of the cosmic ether – the high is price of the consumer basket. The reason is the low productivity due to low physiological, mental, intellectual capabilities of people. In this case, the measurement step in 10 years smooths the data on changes in the cosmic ether density under the influence of the various planets and by changing the direction of spin of the ether flows. With this step of the measurement charts do not need offset for a few years.

Growth of gravity-spin energy leads to increase of the efficiency of industry. And it is not only in our millennium. This is how society was changing throughout history. Greek cities grew more intense in the decline of temperature, which is an indirect sign of entry of Earth more powerful cosmic ether vortices. (The breath of history, pp. 488-495). We are developing rapidly under the influence of non-electromagnetic cosmic energies. And what about Sun? It is important, that we not die of starvation due to the termination of the growth of vegetation. If there is not enough solar energy – cereals do not grow – here comes death from starvation. But if there is some minimum of solar energy for food security, then the development is more dependent on the density of the cosmic ether. The combination of these two cosmic energies is important and determines the features of the development we have at a given point in history (N. Konuhov, 2016b).

Relationships between of solar activity and cosmic non-electromagnetic energies are of probabilistic character. If we take a typical graphs of ratio of the Wolf's numbers and the various features of non-electromagnetic cosmic energy, then this relationship is difficult to see.

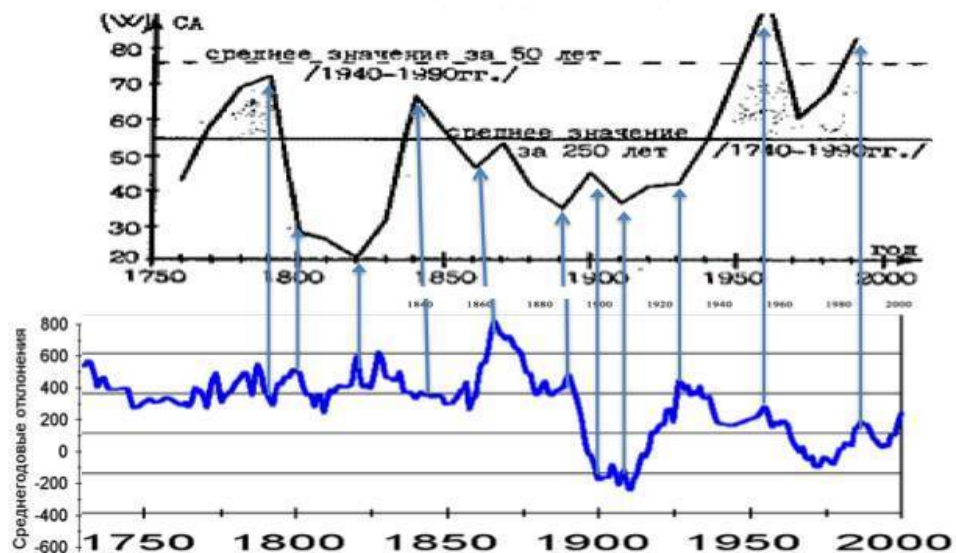
L. Konstantinovskaya shows resulting chart with a different visualization of the solar radiation data – there is a *deviation from the mean* for all years. The dependence of the two kinds of cosmic energies become visible. http://www.astronom2000.info/wp-content/uploads/2011/06/7_6.gif

The points of change in a sign of the Earth's rotational acceleration are at the same time the points of changing in the intensity of solar radiation for decades and centuries.

The points of change in a sign of the Earth's rotational acceleration are at the same time the points of changing in the intensity of solar radiation for decades and centuries.

The Earth's rotational velocity and the Wolf's number calculated as deviation from the mean

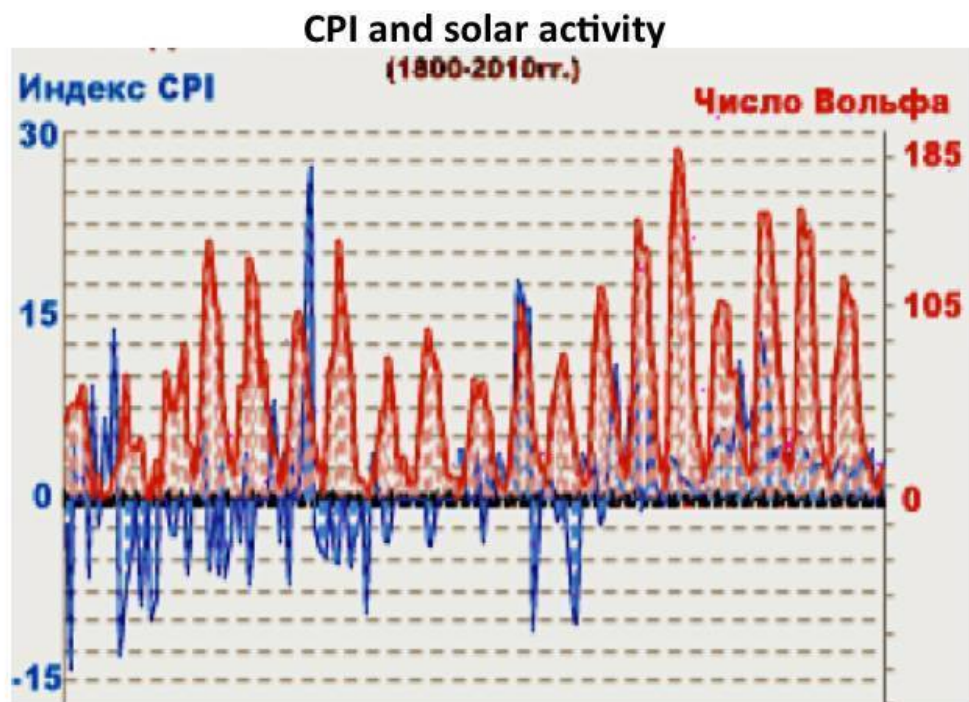
Average values for X years



Notice, how the combination of turns in the Earth's rotational speed and intensity of solar radiation is consistent. The low values of solar intensity on turns are consistent with high values in turns of gravity-spin energies, energies of the cosmic ether. It is the ratio of these energies had been substantiated by V. Dyatlov through the law of the full electromagnetic and gravity-spin currents. According to his calculations, the gravity-spin energy growth is combined with falling of electromagnetic energy if we are talking about a separate cosmic system. In his terminology it is vacuum domain. But it is on the scale of centuries.

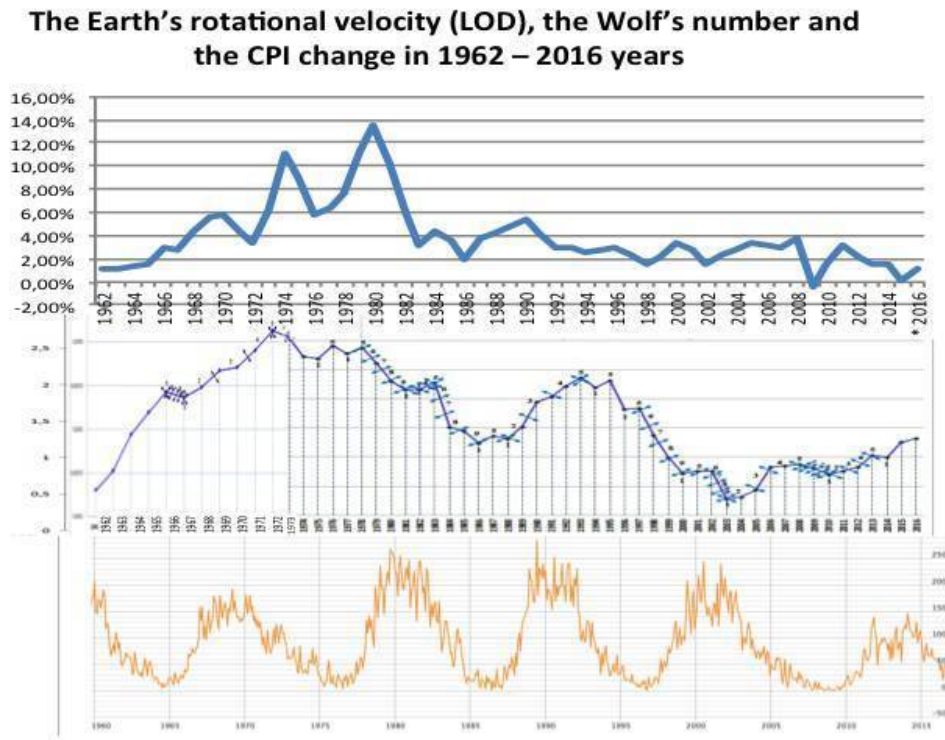
Now, the laws regulating these cosmic energies become more apparent. It is necessary to combine these turning points of these great cosmic energies. And for this we need a certain step of measurements and representation of initial data.

Let's compare data on value of a consumer basket with the change in the Wolf's numbers in the United States (CPI starts from 1800) with step, at which solar cycles are remained and small spreads, changes in electromagnetic energy of Sun are removed.



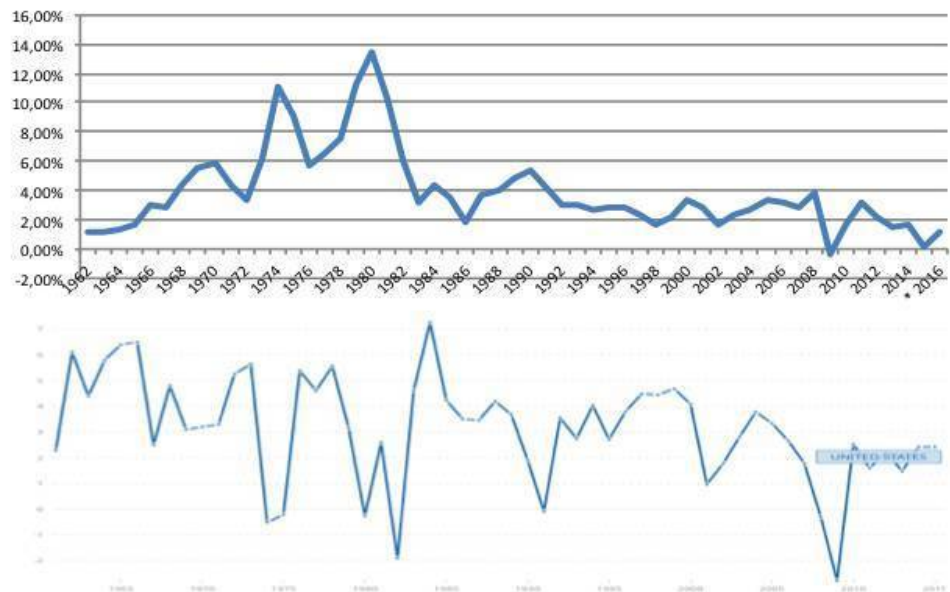
These graphs clearly show that CPI and solar activity are interrelated. This relationship can be clarified: the maximum in solar activity is accompanied by reversals of CPI. This is an emotional turn of index. But CPI turns back even at a minimum of solar activity. This is a rational turn. It is characteristic not only to CPI, but also to other markets, including the stock market (N. Konuhov, 2012). Both the emotional and rational turns of markets indices are regular social-cosmic phenomenon.

In the transition to the scale of individual years, this line disappears without shifting in graphs. Degree of such compliance of data can be set precisely from 1962.



This is without a shift in graphs. There is every reason to believe that the statistics on CPI in the US "started to float" in the beginning of the XXI century. This is evident from a comparison of the rate of growth for GDP and CPI.

**Rates of change in CPI and the economic growth of the USA
in 1962 – 2016 years**



Prior to the beginning of our century, the fall in GDP growth was leading to an increase in the prices of the consumer basket. It is logical: the less has been produced, the less effectively people worked in some year – the more expensive is the consumer basket. At the beginning of this century, the dependence is different: GDP growth rates are falling along with the price of the consumer basket. Is it due to deflation? If we consider that the income from the bulk of the population fell, the explanation is quite logical.

Or is it the result of a constant correction, modification of the methodology of calculation of GDP to make its fall look not so disastrous?

Statistics ceased to be a perfectly logical as it was centuries before that. Hence, even the shift of graph does nothing good.

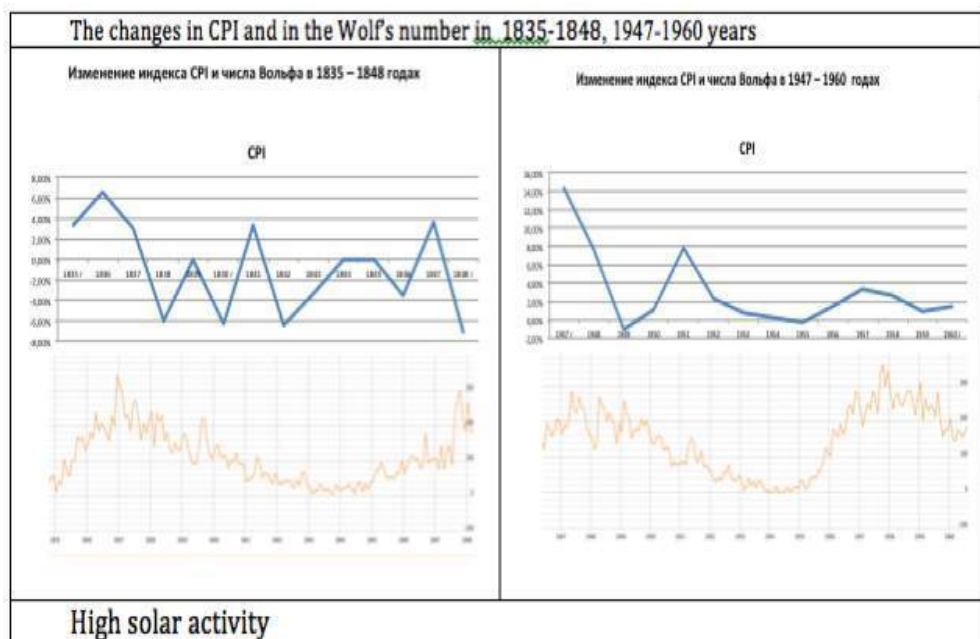
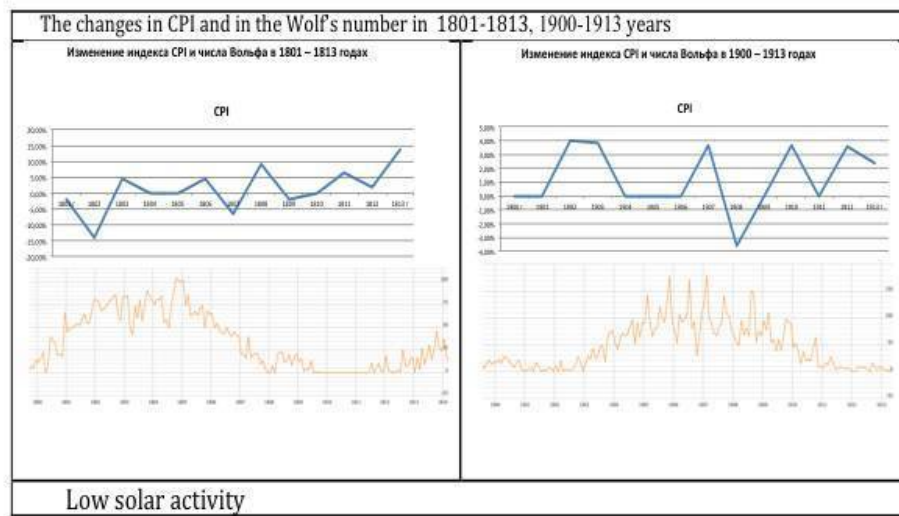
But the important thing for us is that the CPI growth rate are linked to the GDP growth rate, if to judge on the scale of centuries, decades. Both economic indicators are statistically associated with the change of cosmic energies. On a scale of centuries there is also their connection with solar activity. And in these economic indicators are tied all the others, firmly.

All changes cyclically. Cycles of development are associated with both the legitimate social and psychological relationship of generations, and with cycles of cosmic energies. Dependencies, relationships, cycles of electromagnetic and non-electromagnetic cosmic energies whimsically change at different time intervals.

Therefore, we take in every century every 13 years (the average cycle of solar activity) with high solar activity and 13 years of low solar activity. Let's match these indicators.

13 year periods of low solar activity are: 1800-1813, 1900-1913 years.

13 year periods of high solar activity are: 1835-1848, 1947-1960 years.



It is difficult to find some distinct patterns. But they are on scale of centuries. These are cycles of 72 and 144 years. This cyclical nature is described in details (N. Konyukhov, 2016b).

Thus, certain dependences have been identified.

1) The trend of CPI often changes at the maxima or minima of solar activity in the solar cycle basis. This corresponds to the same patterns of change in the stock market. At the same time, there are significant features of these reversals. They are described.

2) The rate of change of CPI is dependent more on the Earth's rotation, and, from it, on non-electromagnetic cosmic energies, energy of the ether vortices, than on the electromagnetic activity of Sun. This is typical for both periods of high and low solar activity.

3) The bifurcation points of economic development, development of a society in the scale of centuries, or millennia are associated with resonances of electromagnetic and non-electromagnetic energies with a cycle of about 72 years.

Obviously, conclusions of the CPI link with cosmic energies we have the right to distribute only for the period for which we have data. These findings relate to the XIX and XX centuries. In the XXI century, everything is a bit in a different way.

At the end of the last century, relationships are clear: CPI grows at the growth of the Earth's rotation and the fall of cosmic energies. In this century it is hard to capture this trend even with the displacement of plots.

But the same strange dependencies appeared between the GDP growth and the rate of change of CPI.

In general, changes in CPI are more correlated with the speed of rotation of Earth, with cosmic energies, which are connected with it, and less with solar activity.

The CPI changes are associated with other economic indicators, indices. If so, then these economic indicators correlate with the speed of rotation of Earth, with cosmic energies in the scale of years or decades. And it has been proved to be so. And psycho-physiological activity of people is also correlated with these non-electromagnetic energies.

There is an obvious conclusion: at the fall of the cosmic ether density, on which we judge by the growth of the Earth's rotational speed, consumer prices rise, then all the other economic indicators change. Beforehand let's name the main reason for this: a significant change in human entails a substantial change in the basic economic indicators. Previously, the basis of the economy was the agriculture: the less hard people worked this year, the less amount of food will be next year, and prices will rise. At present, high-tech time, at the fall of physiological and mental strength of people especially for conveyor working, temps will not slow down. It's just that people will be tired, and the number of diseases, and deaths among those who became overstrained will increase. But overall productivity for some time will be kept at a sufficiently high, usual level. This is confirmed by statistics.

Nowadays, more and more economic development depends not on physical strength, but on mental effort and professionalism of those who governs, who are planning the development. Plans for the future in a downturn of psycho-cosmic energies are not so optimistic. Economic decisions will be different. However, the contracts from previous years will be carried. Stop the growth of the huge country even by thoughtless decisions for one or two years is difficult. Russian experience confirms it. Economic development is inert. But depending on the quality of population, the fall of the cosmic ether density with a different time slot, sooner or later leads to a decline in GDP growth. In each country it is differently.

Chapter 2. Outstanding sports achievements and the Earth's rotational velocity (LOD): approaching the psycho-cosmic laws of Russian development

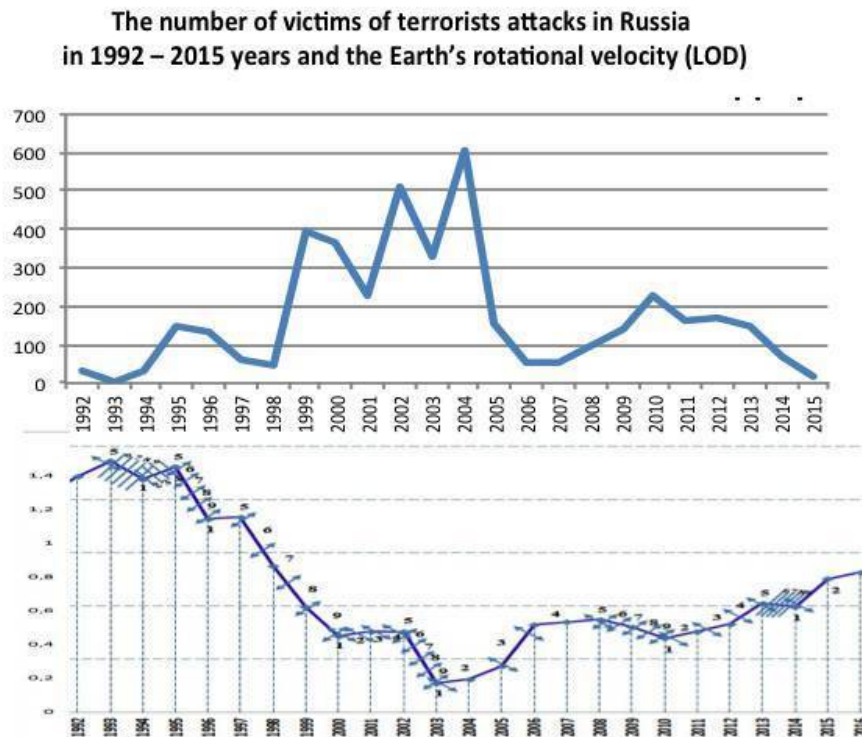
2.1. Population quality depends on adaptability to cosmic ether density

Problem of different groups of people of different nations reacting to the cosmic energy in different ways was recognized by studying dependence of the intensity of the terrorists' attacks and number of victims on a place of their emergence. Here are two graphs.

Changes in LOD and the number of victims of terrorists attacks



Worldwide, it is about 85% of all acts of terrorism that are associated with Islamic terrorism. They were committed in a zone of low pressure of cosmic ether or in developed countries, but by natives of the countries that fall into such zone. However, in the countries in the cosmic ether a high-pressure zone, growth of the terrorism is related to its fall.

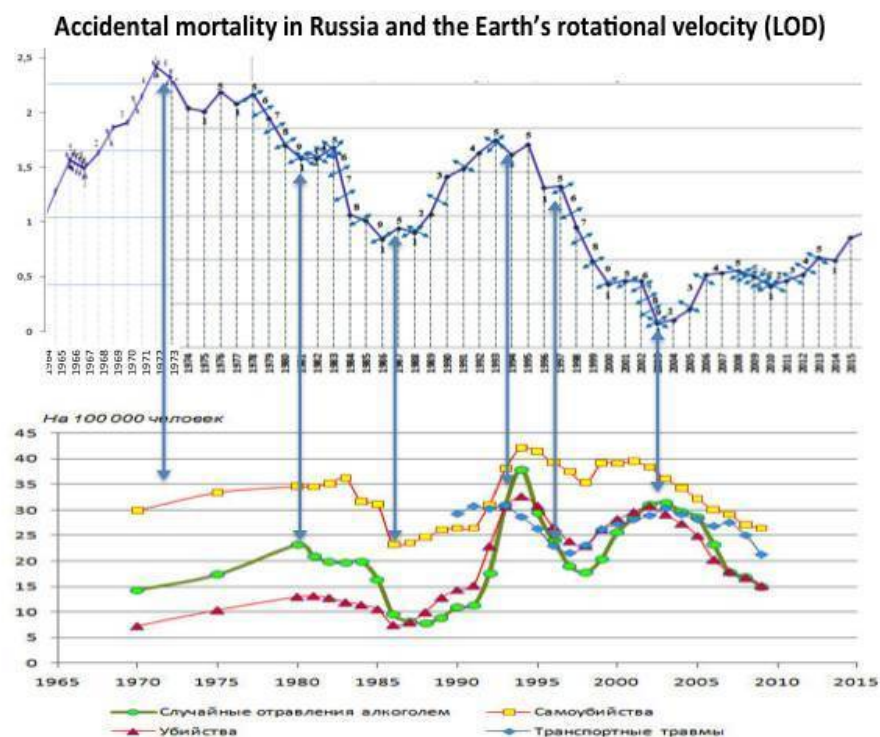


In nature, there are plants that grow better in mountains and some, on the contrary, in lowlands. As well, this applies to animals and insects. Moreover, even to people. They get used to live high in mountains, for example, in the Andes, and the change of residence is bad for their health. This consideration can be also applied to residents of areas with high and low pressure of the cosmic ether. They are used to live in conditions of low density – and their activities under these conditions are higher than during the growth of this density; and vice versa. They are like divers, placed in different depths. With a sharp change in the depth of immersion, in a physiologically advantageous condition will be those who are less sensitive to pressure drops. And those who were on a high pressure drop, can even lose the ability to move.

It should have an effect on fertility, mortality, diseases, etc. There have to be the dependence: rates of economic growth should fall in those countries, in which due to changes in the cosmic ether, falls the density of deteriorating health, physiological activity, changes the demographic behavior, etc. So, is it true?

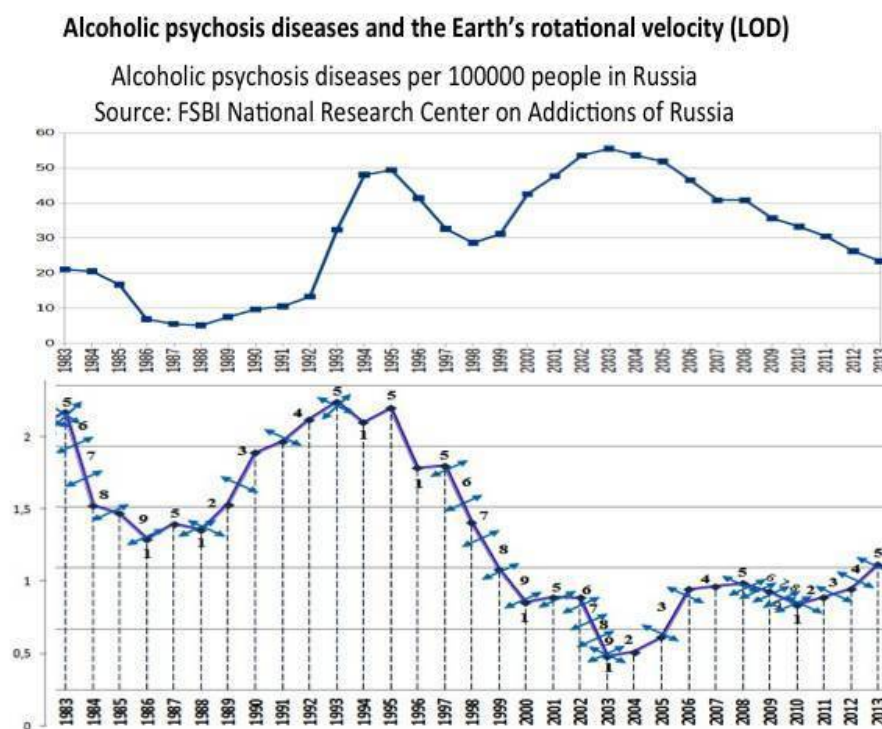
Demographic, medical proof of a concept

Medical statistics attests that the number of not-old-age or sickness deaths is inverse to density of cosmic ether, if to judge on it by the speed of rotation of Earth: the growth both at sharp fall and sharp increase.



What is any optimal boundary?

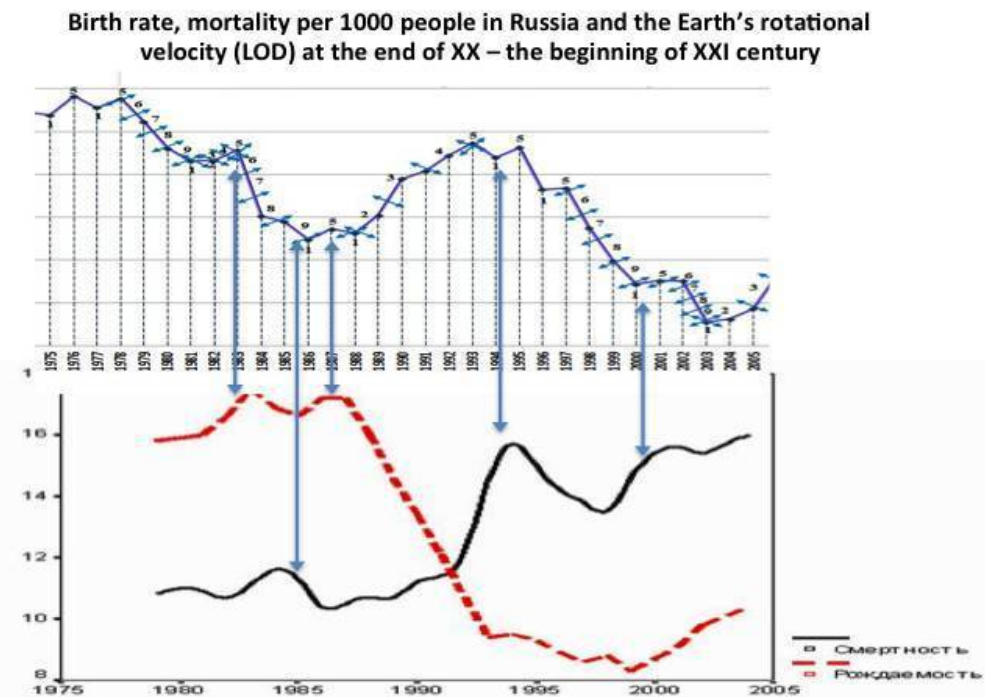
And what about other indicators? In those same years, the incidence of alcoholic psychoses is increasing. Only with a stretch, one can try to explain the dynamics of the alcoholic psychoses by socio-economic problems in the country. However, what about accidental deaths? In addition, under analysis of statistics of accidental deaths and affections of alcoholic psychoses, there is the same trend observed: they grow at high and low speeds of rotation of Earth. Let's not jump to conclusions. What if it is a coincidence?



We note that for the Russians there is a zone of optimal values of a length of a day. This is a deviation from the average value in the range 2 – 0.5 ms in a measurement scale adopted in modern science.

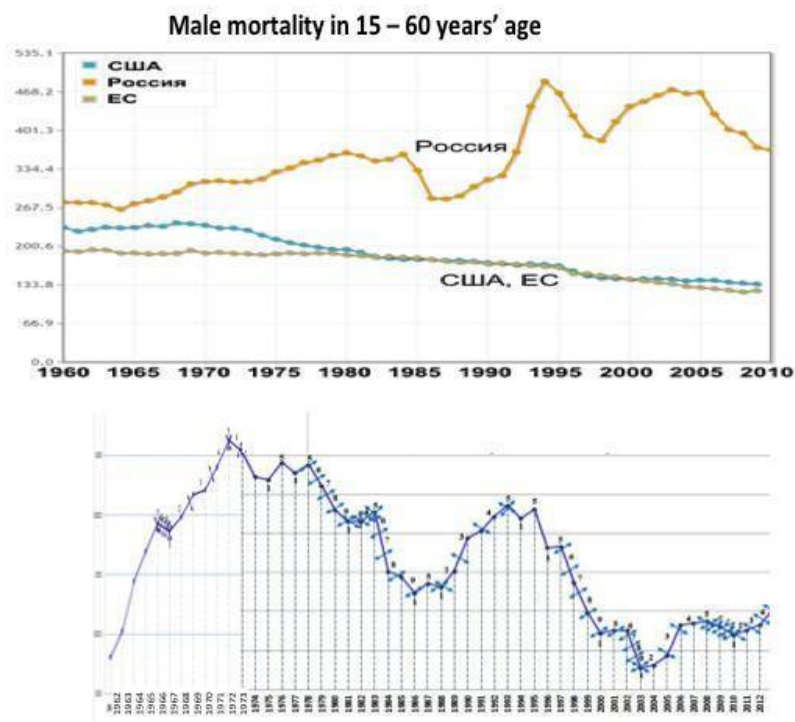
Let us choose to check the non-randomness of such a relationship by more solid indicators – birth and death. More important indicators are hard to imagine.

To analyze the effect of ether density on death and birth, it is important to consider periods of sharp changes in these indicators. For birth and death rates in Russia, it's the end of the XX century. Here are the figures.



Obviously, it is non-random relationship. All peaks of fertility and mortality changes in Russia are connected with the moments of change in sign of acceleration of Earth's rotational speed. And this is a sign of the change of direction of spin ether vortices. Let us mark a pattern: the birth rate falls and mortality increases on numbers "1". This is the maximum speed of Earth in this series because of the low density of the cosmic ether. There is a change in right-hand direction of rotation of the vortices to the left-hand rotation. But the main peaks of rising fertility are associated with numbers "5". This is the minimal speed of rotation of Earth in this cycle and the maximum density of the cosmic ether, other things being equal. At the same time, it is the moment of change of the direction of rotation of ether vortices from right-hand to left-hand one.

What about other countries?



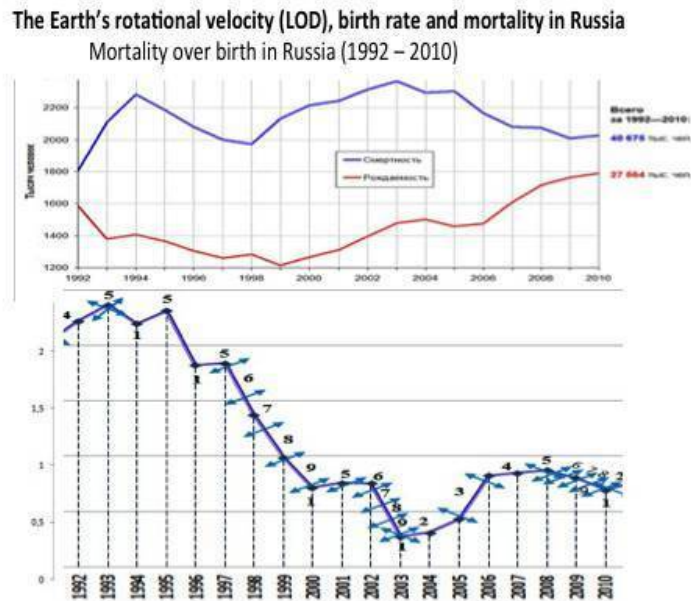
Please note: in the late 70-ies of the XX century, the density of cosmic ether, expressed by deviation in the rotational speed of Earth from average values in milliseconds, increased to 2.5. The mortality rate of men increased. Then it fell back after returning to the 2 milliseconds level or less since 1991.

This graph shows that the Russian men very vividly react to changes in the cosmic ether density and direction of its spin. And, before the reforms, the dependence is obvious: increase in density of cosmic ether results in growing mortality rate among men. In the XXI century the dependence has switched to the inverse one. Did we come out of the zone of optimal density of the cosmic ether to the Russians?

Russians more rapidly respond in their health to changes in the cosmic ether density. This is true. But how peculiar they respond! Literally, the come to the conclusion is that we have a zone of optimal values of ether density, expressed in terms of change in the Earth's rotation rate: from 0.5 to 2-2.5 ms. Once the cosmic ether density fell lower a certain threshold – most men began to die. Of course, the socio-economic factors are important here as well. Nobody denies their importance.

In addition, fewer men are dying in Russia with the right-hand spin of cosmic ether.

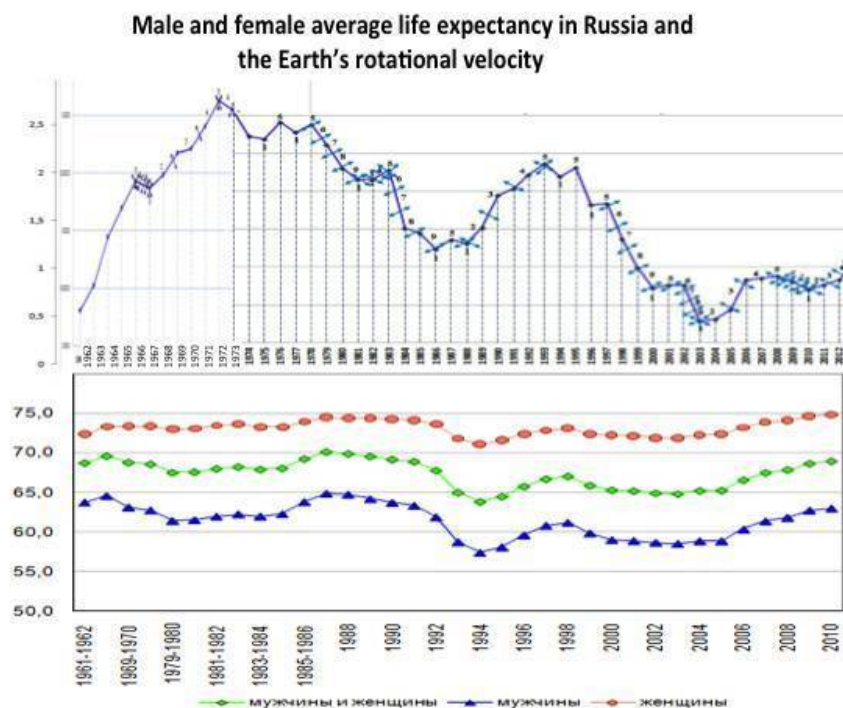
Here is another graph to confirm this idea.



This graph shows that at a very low density of cosmic ether, the maximum Earth's rotational velocity (consistent with right spin switching to the left) initiates increase in mortality and fall in fertility. This is 2004 – 2005 years. The energy of the ether, when slows down the Earth's rotation speed on less than 0.5 ms, negatively affects the Russian people. But slowing down the rotation on more than 2.3 ms does not improve statistics describing mortality, fertility, illnesses. This is 1993 – 1994 years: the peak of mortality and failure in increase of the birth rate. This suggests that the optimal density of the ether for us is one that slows Earth's rotation in the range of 0.5 to 2 ms using modern methods of measuring the length of a day, Earth's rotation.

However, from year to year the contribution of abrupt changes in cosmic ether density in the overall life expectancy is reduced. More and more it becomes a subject of social factors. This is true.

One more graph.



Over a longer period, fluctuations in mortality get smoothed in some years. And we already have the general trend described.

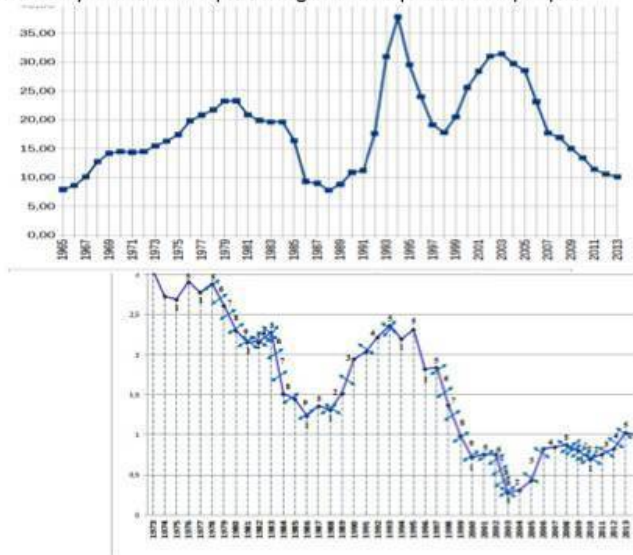
In general: the higher density of cosmic energies is, the lower the Earth's rotational speed – the longer life expectancy among Russians. For example, during the deceleration of Earth's rotational speed from 1994 to 1998. And it is more concerned with the range of deceleration of Earth's rotational speed to 2 ms. But with greater slowing in the speed (1970 and 1984), we observe a reduction in life expectancy. Most likely, we have an optimal range of psycho-cosmic energies for life, health, and psychophysical activity.

Yes, psycho-cosmic reasons are imposed on the social, health financing, and others. It is so. But mortality, human health depends on the cosmic energies, on Earth, falling into a series of favorable and unfavorable psycho-cosmic energies for people.

In addition to important data over physical health, we need to look over information concerning the mental health as well. Can it be compared with the density of cosmic ether and the direction of its spin? The most stable and long-term reliable factor in this case is the use of alcohol per capita. But even this factor is muddy as home-brew. Who and how can reliably calculate when and how many brew, booze, alcohol, wine are being produced? Today, they sell even small home alcohol factories. Statistics is drunk. But getting poisoned due to drinking alcohol is a more verified indicator. Shall use it.

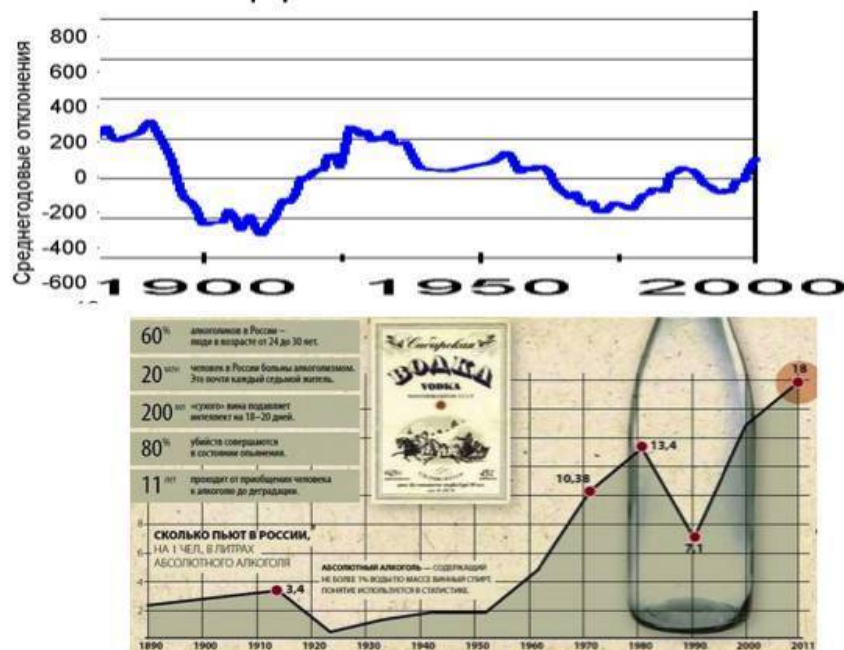
The Earth's rotational velocity and the number of death from alcohol poisoning in Russia

Mortality from alcohol poisoning in Russia per 100000 people



There is a direct connection. Even arguments are extra. One clarification: the decline in psycho-cosmic energies to a level corresponding to slowing down of the Earth's rotational speed from an average of up to 0.5 ms matches the alcohol consumption peak. Little of cosmic energies – they drink in Russia. And a lot of it – drink as well... but in strict accordance with psycho-cosmic energies. Under a century-long scale, a basic tendency is transparent: they drink less at large cosmic energies.

The Earth's rotational velocity and alcohol consumption per head of the population of Russia



Who knows Russian people (no drunks, no alcoholics, but normal people), then understands why they drink. They want to talk. Why it is so desirable in a period of minimal cosmic energies? Just a lack of ether for normal physiological well-being. And it can be obtained through other people, through communication. Somebody experiences not enough ether energy, the others – have enough. Somebody has a superfluity of it. It's like a difference between people of the countries with high and low density of ether. Individual differences of people's brains are far above physical differences among peoples, populations. And our brain just traps cosmic ether vortices. It can do that. This is proven both on the psycho-physiological level, and on the level of quantum physics (A. Kholmanskiy). And what is most important – it is felt by anyone who has gone through similar situations in his or her life.

Without enough cosmic energy support, we begin to more carefully distribute our mental activity, we are forced to communicate, to talk in terms of bare unconscious. Because for the swallowing of ether from the cosmic energies, crystals of our cells are responsible, the crystals ("sand") of our pineal gland and others. All this is described, measured...

Under stress, people tend to initiate communications. For this reason, once Marshal Rokossovsky made the soldiers dig trenches. It pulls to talk while in stress, to see a person face to face. And a lack of cosmic energy for many is the stress. For us, it starts with a fall in the rotational speed, in the length of day (LOD) on 0.5 ms, everything else being equal, from the average for, approximately, the last 50 years.

This explains, to a great extent, the fact that the lack of cosmic energy (and this period may last years, decades) a leading position in the society begin to hold people, who tend to communicate, who supports it, and who can attract to themselves other people, who have an ability to absorb ether vortices while it is insufficient for others. And will such people look for feasts, communications? Not really ... For them, through such communication, the energy is taken by those who could not use themselves the weakened cosmic ether vortices. Why would they give their energy, when they need it themselves? Thus, they more often are introverts, busy with their business. They are so-called domain

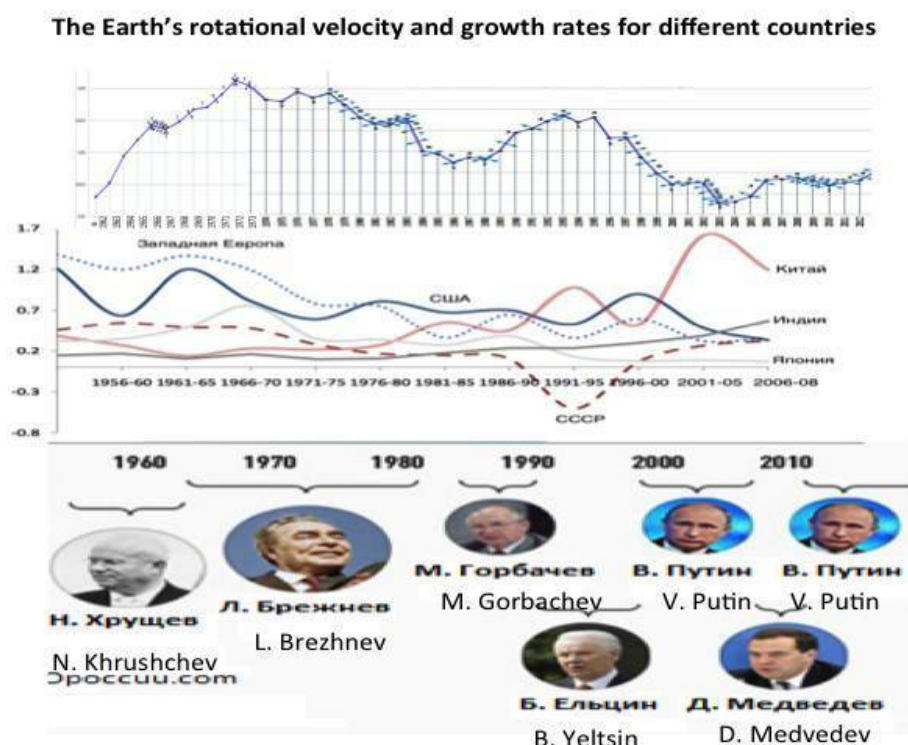
experts. They just work and that's it. How one can pull them to talk heart to heart? Here you need a special whale – a social motivator. And they begin to control community, the people in periods of low psycho-cosmic energy. This is described by example of history of empires. Ultimately, social motivators take the power.

It is calculated that such cosmic cycles are regular happening about each 72 years. Our ancient ancestors knew it well, leaving us their calendars. According to Vedic calendars, one cosmic day is equal to 72 years. By current data, the ratio of solar activity and cycles of non-electromagnetic cosmic energy for thousands of years does also give a cycle of 72 years (ref.: Psycho-cosmic energies: protest, revolutions, rapid development. M.: 2016, p. 505 – 512).

And in one of these cosmic periods, it appears that persons such as 1/1 face type (lower frequency of EEG, active limbic system, sub cortex) are in power, and those of type 5/5 (higher EEG frequency, shifted to the right hemisphere, the cerebral cortex is active) are subordinate to them. But between these two types of people is a profound difference. When type 1/1 are in power not in their cosmic time, then neither cosmic energy is able to help in development. For they think differently. They are not thinking about economic growth, but rather about power, money, women, satisfaction of their dominance, etc. Even in academies, they make their way for the sake of these values, and not for the best conditions for the search for the truth. Naturally, in words they do not sound like this, in words they are different, they mimic a correct person. But actually, so ... Now, everyone thinks whether these are good ideas – power, money, women? Are not many of us similar to that? Do not we become periodically the money earners, and strong supporters of equality when other have more of it? At certain cosmic periods, dramatically increases the number of people with these pronounced listed needs. When these persons take the power, the economic growth starts to fall.

Formerly in history, such elites were usually swept away. Nowadays it became more difficult. Elites of all countries have a powerful apparatus to protect their interests. Therefore, even crises sometimes do not sweep away the rotten elite. In countries with normal elite, there is a rapid development, and in countries, where the elite is of 1/1 type in power, there is, under observations in the growth of cosmic energies, a decline in development. They are not interested in GDP growth.

Let us see on a graph.



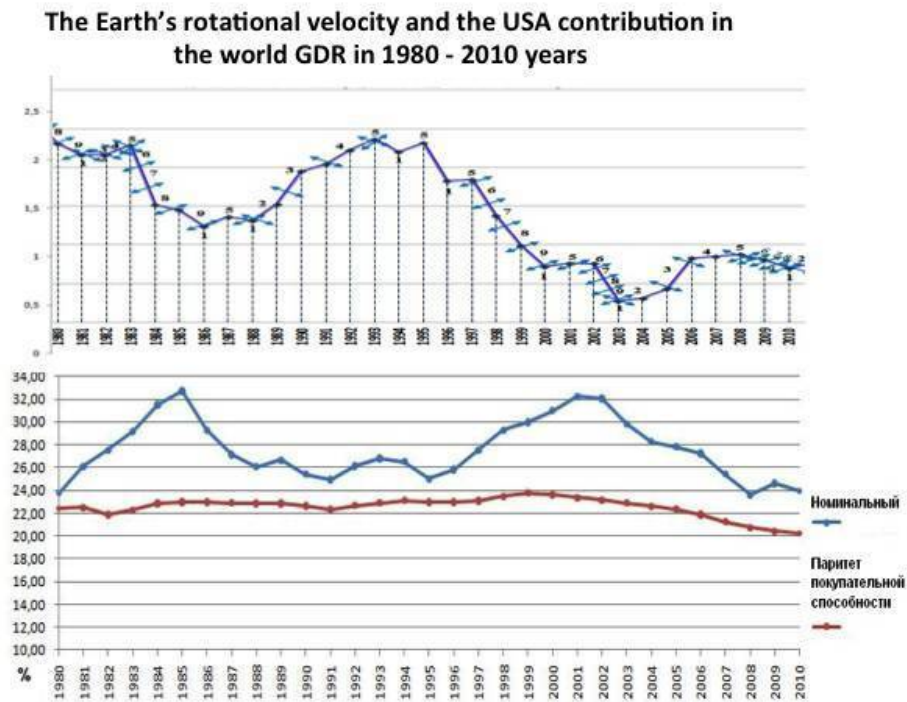
Cosmic energies at the end of XX century are the highest. However, Western Europe, US, and Russia, in company with them, all they sink to the bottom. China has the highest growth rates. Why? People in fact give up drinking (almost do not drink since 1985), are willing to work. And themselves do not understand why. An example should be given. But to whom? To elite that that does not have that much kind of people? The elite is entirely of a type 1/1. Evidence is given in a separate chapter.

This is called a violation of social and resonant structure of society. Those, who were used to harmonize the society through communications during the period of the acute shortage of cosmic energies, thus managed to stay a long time in power. They have already started to snatch, through built system of public relations, best pieces of estates out of the society, to privatize gains and nationalize losses.

And China grows even under the crisis. Why? Since it was able to rebuild social and resonant structure of society under the minimum cosmic energies. Changed its elite and rules of game in a way that the appropriate people began to come to power. This should be discussed separately.

Adey's window in the cosmic ether vortices

Every nation, depending on its previous experience, has its own zone of optimal density of cosmic ether. In Russia and in the US it is close to the zone of maximum density. Leaving out this zone towards the growth or decline of the cosmic ether density leads to a deterioration in psycho-physiological, economic and other indicators of the country's development. But the US is successfully developing under low density of cosmic ether.



In the presence of fall of psycho-cosmic energies worldwide, the US share in global GDR is steadily also growing. US people are very adaptable to different densities of cosmic ether. There is no accident: in due time, America took the best representatives of different countries.

And if to take a greater period of time?

Rates of growth of some groups of countries and the USA related to previous years and the Earth's rotational velocity with the displacement in 25 years

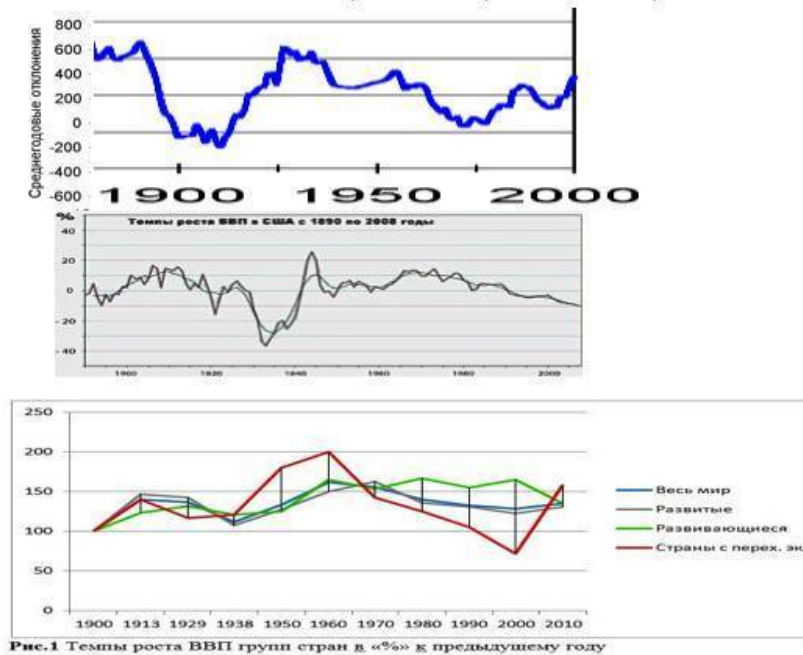


Рис.1 Темпы роста ВВП групп стран в «%» к предыдущему году

Let us note that under a strong slowing in Earth's rotational speed (more than 3 ms in modern scale), the rate of development in the USA at the end of the XVIII century was unprecedented. They were unprecedented in the 20-ies of the last century as well. They were so called – impetuous 20s.

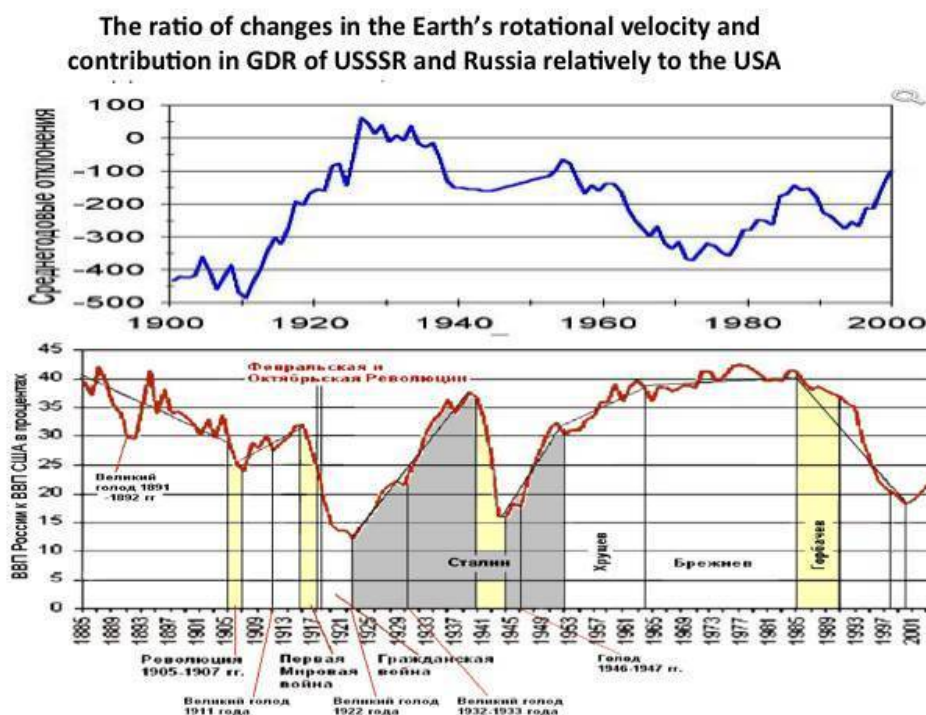
Thus, the US population is more capable with respect to the majority of other people at high and low densities of the cosmic ether, which has been since 1900. It is true that during the decline in density of cosmic ether (judging upon Earth's rotational rate), there is GDP growth rate falling in the US as well, but to a lesser extent than in other countries.

The US outpaced earlier other countries in the pace of their development given deceleration in the rotational speed of up to 2 ms. and more. But the benefits of people of the United States in economic growth were manifested earlier under falling of cosmic ether density, expressed in the LOD units, from 0.7 ms. and lower. Although the growth of psycho-cosmic energies for them is more favorable.

In other countries during a long historical time, GDP growth rates are as well associated with the increase in psycho-cosmic energy.

Countries with transition economies were growing faster economically under the growth of cosmic energies, but were more rapidly reducing their rate growths during its fall.

And Russia? Russia has optimal range of psycho-cosmic energies slightly lower than in the US. Therefore, at high energies, we were conceding to the US, and at energies falling – were catching up.



At a time shift of 7 years, a coincidence between these two graphs, being in antiphase, becomes large. It's hard to call it a random coincidence.

Of course, one may take into account the fact that from one century to another there should be different time shifts. This would allow us to match the graphs at the end of the XX century even greater. But for those who have eyes, and that's enough.

Access to the zone of very high density of cosmic ether is beneficial to the development of the US economy relatively to the pace of economic development in Russia.

This proves that with an increase in cosmic ether pressure, in a more preferred physiological state are the persons who used to live in conditions of high pressure. And in less favorable physiological conditions will be those who were living in low-density cosmic ether.

However, with a significant fall in cosmic ether pressure, everything happens exactly vice versa. Greater capacity and efficiency retain those who used to live in low-density cosmic ether. This is analyzed in history for thousands of years. Islamic countries usually won the European ones under lowering of cosmic ether density. On change in its density and intensity in the past, we judge by content of isotopes of various substances (primarily oxygen and carbon) in atmosphere, and ground of that time period. And it is easy to determine by their concentration in cores of glaciers, in rings of trees, and etc. A sharp change in the content of isotopes in them is linked with rapid historical changes. At the same time, with an increase in the concentration of isotopes, often more intensively and successfully were developing nations from regions of denser ether layers. And vice versa.

Every nation gets used to live at a certain ether density, for each nation a more comfortable is a certain region of its spectrum. This is the comfort zone, the so-called Adey window. But there are significant differences inside each nation. Those, who are more adaptive to various pressures and cosmic ether vortices, are more able to change their living place, to move from one country to another.

Although the general trend is clear: for the development of both biota and humanity, higher density of cosmic ether is more favorable. Hence, countries that are in the area of higher pressure

in *the present space epoch*, have economic benefits in economic growth, they are more developed. In them, there are more talented people born, more Nobel Prize winners, more often occur scientific and technological discoveries, more often made the inventions, etc.

With a sharp increase in the cosmic ether density, more often maladjustment occurs in the beginning, and then – an increase of capacity of the people. With a very sharp and long-term growth of cosmic ether density, sometimes there occurs a need in change of generations to begin positive trends in development, for sometimes even a lifetime is not long enough to adapt. Hence, GDP growth rates, particularly of countries of cosmic ether low pressure zone, at this point usually begin to jump, "dance".

Within each nation, there are people with different individual characteristics, including their ability to adapt to different densities of cosmic ether. These can move from country to country and quickly adapt to new life conditions. However, the massive displacement of the population will lead to maladjustment in its new conditions, including inappropriate behavior. It is observed from the middle of the second decade of the XXI century in Europe.

In a sharp change in the density of cosmic ether with the trend of movement to the upper historical values – the benefits in developing must receive nations from traditionally high pressure zones of cosmic ether. This is, for example, the beginning of the twentieth century.

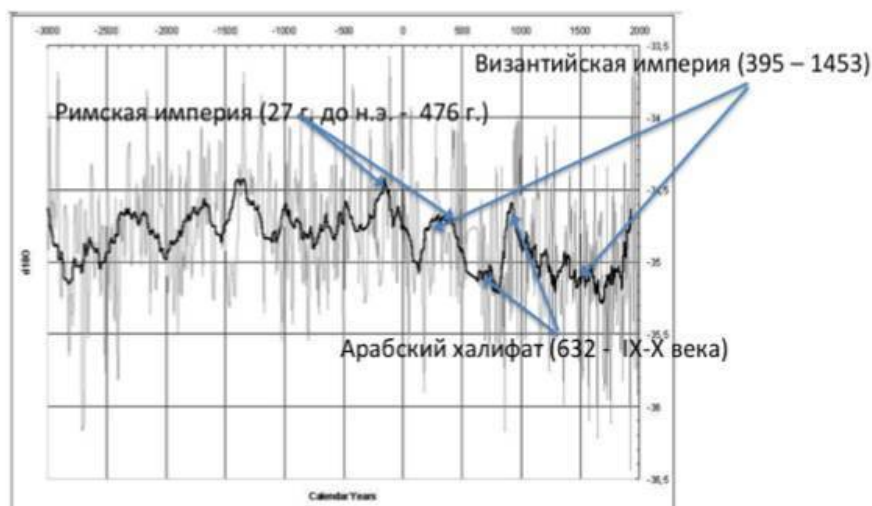
In opposite, In a sharp change in the density of cosmic ether with the trend of movement to the lower historical values – the benefits in developing must receive nations from traditionally low density zones of cosmic ether. This is, for example, the period of Arab Caliphate (VII – IX century).

2.2 Historical confirmation of the concept of dependence of economic development of the world on the density of the cosmic ether

Medicine is usually accurate at determination of death. With its accuracy, it has confirmed the existence of optimal pressure the cosmic ether for life. History confirms this fact of the past, on example of life and death of empires, and peoples.

Here is a graph of oxygen isotopes distribution in the past.

График
распределения изотопа кислорода ^{18}O в верхней части керна
из скважины GISP2 и некоторые исторические события



The graph shows ^{18}O isotope distribution in upper part of a central punch from GISP2 interstices. A bold line represents values, smoothed for each 50 years. Scientists link a content of this isotope with an average temperature on Earth (Paleoclimatology. Krasnoyarsk, Siberian Federal University, 2007, pp. 26 – 27).

This graph represents the history of relationships, struggles, and development of Muslim and Western, Christian worlds. The Muslim world and eastern culture were largely formed in areas of low density of the cosmic ether. This world was widening, winning at fall of isotopes and the cosmic energy densities. It suffered losses during the growth of the density of cosmic ether, if to judge by the oxygen isotopes. The Rise of Rome was at the peak of cosmic energies, decay – at their decline. The formation of the Byzantine Empire (395 year) was at the peak of the cosmic energies. The Fall (1453 year) – at the decline.

Arab Caliphate emerged (632 year) and strengthened on the decline of cosmic energies, and collapsed (IX century) at the peak, etc.

Empires of western culture aroused in a period of high concentrations of oxygen isotopes, what is a sign of powerful cosmic energies. And they collapsed most often during the periods of low concentration of this isotope.

Crusades were successful for the European countries with a high density of cosmic ether. And were defeated during the decline of cosmic energies. Years of European prosperity coincide with the years of high density cosmic ether, and the Arab – with low.

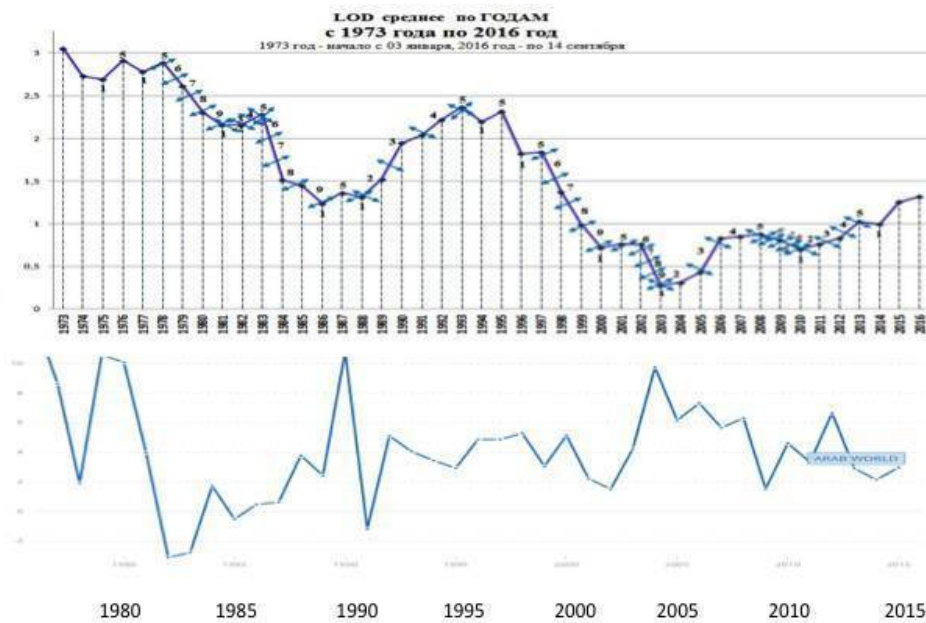
The Byzantine Empire (395 – 1453 years)

The Roman Empire (27 BC – 476 years)

Arab Caliphate (632 – IX-X century)

And what is happening now? Compare the rates of GDP growth in Arab and European countries, with the Earth's rotational velocity.

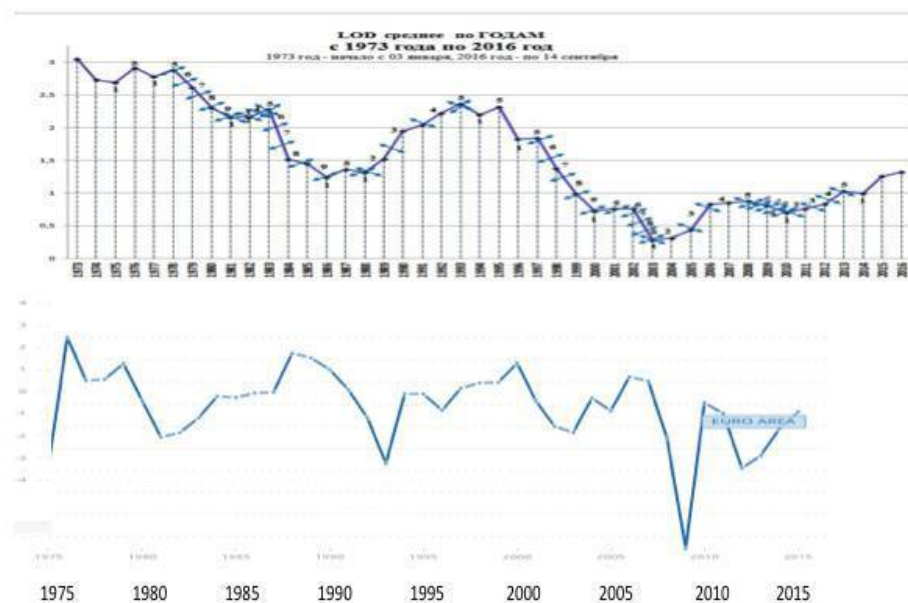
GDR growth rates of Arab countries and LOD with the displacement in 3 years



With the growth of cosmic energies, GDP of Arab countries tends to fall. At the points of greatest fall of cosmic energies, we have the highest rates of GDP growth with a shift of 3 years. This shift reflects the time in which decisions and actions of people are transformed into economic growth in the country. For each century, each country will have its own shift, provided by the rapid development of social division of labor at that time. There are sectors of the economy, where people's decisions are immediately transformed into economic indicators, such as the movement of financial markets. In these cases, such a shift in time is minimal. This shift depends on how quickly change people's decisions under the influence of cosmic energies are reflected and recorded in the social-economic development, economic growth.

And how is it in developed countries, in Europe?

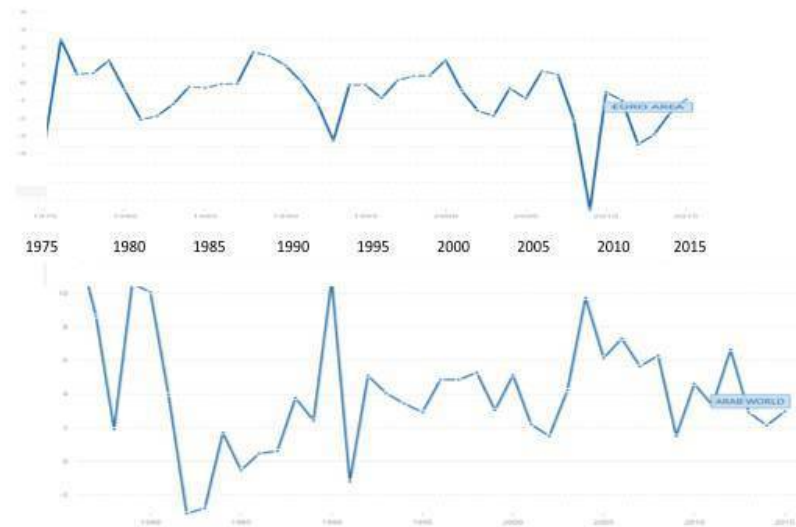
GDR growth rates in the Eurozone and LOD with the displacement in 5 years



For Europe, a shift is made in 5 years, because it is a high-tech region. They need more time to replace the old technologies with the latest.

As before in history, the pace of social-economic development of European and Arabian countries are opposite.

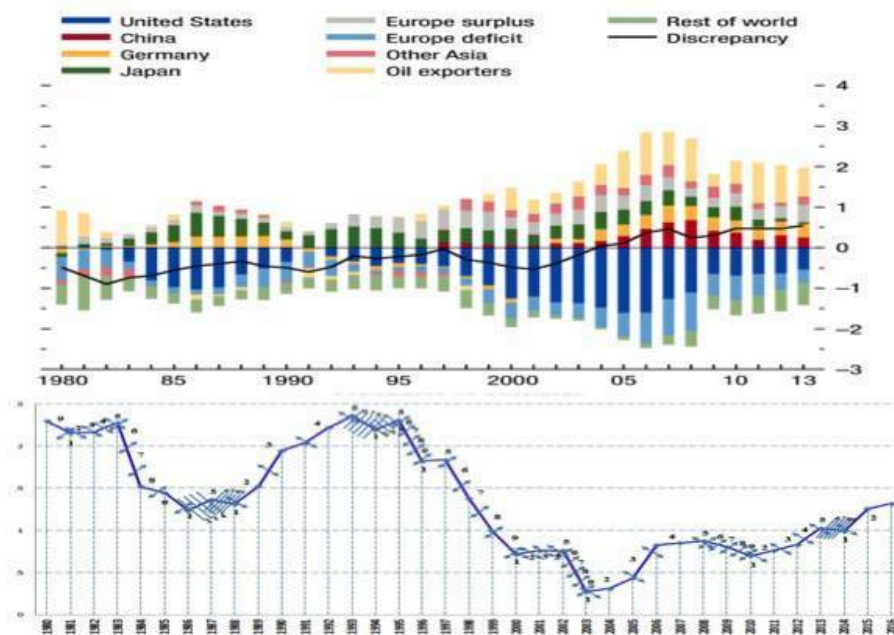
**GDR growth rates in the Eurozone and Arab countries
with the displacement in 3 years**



We assume that our century is the time of the higher cosmic energies in general. And all the nations of the world are located in various areas of the cosmic ether density. The difference in the ether well-being is high.

Hence, during the growth of cosmic ether density, benefits should be received by European countries, *ceteris paribus*. When the density of cosmic ether downturns, benefits in development should be on the side of the peoples of the low density of the ether zone. Here is a graph that confirms it.

The Earth's rotational velocity and GDR growth rates in different countries

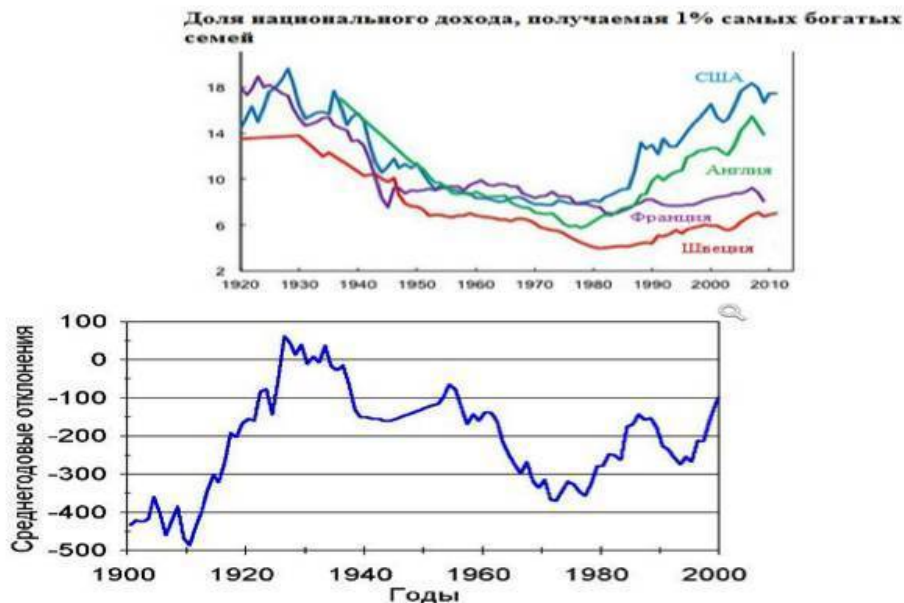


Note again: at the decline of cosmic energy at present cosmic time differences in the pace of development increases in different countries. Some countries, nations are included in the zone optimal for their development, and for others, even such as the United States, it is no longer enough. There is nothing new. It has long been known that even the simplest living beings have a window (frequency, amplitude) that are responsive to electromagnetic energy. They are so-called Adey windows. This applies also to non-electromagnetic energy. This affects the activity of all the people, all peoples, all nations.

Within countries, there is a different statistical trend: at the growth of cosmic energies, the difference in income between people increases. With the decline – it declines. But not as between countries. And under it lies a biological law: the differences between individuals within a population much greater than the differences between populations.

In all countries, at the present cosmic time, differences in results of operations and income of individuals grow with the growth of the cosmic energy. At the fall of cosmic energies, income disparities are reduced. For those who increases their activity at high cosmic energies, it is no longer possible to work with the same intensity. A person who lived physiologically tolerate at high cosmic energies, is then included in the zone of its optimal values for themselves. But this is one side of the issue. Another is that with the growth of cosmic energies, GDP growth. And at the fall of GDP, persons who seized power structures, less willing to go apart with their income. Persons with low income do not have the capacity to defend their interests, their share in GDP is more rich and wealthy.

Changes in income for different population groups and in the Earth's angular rotational velocity



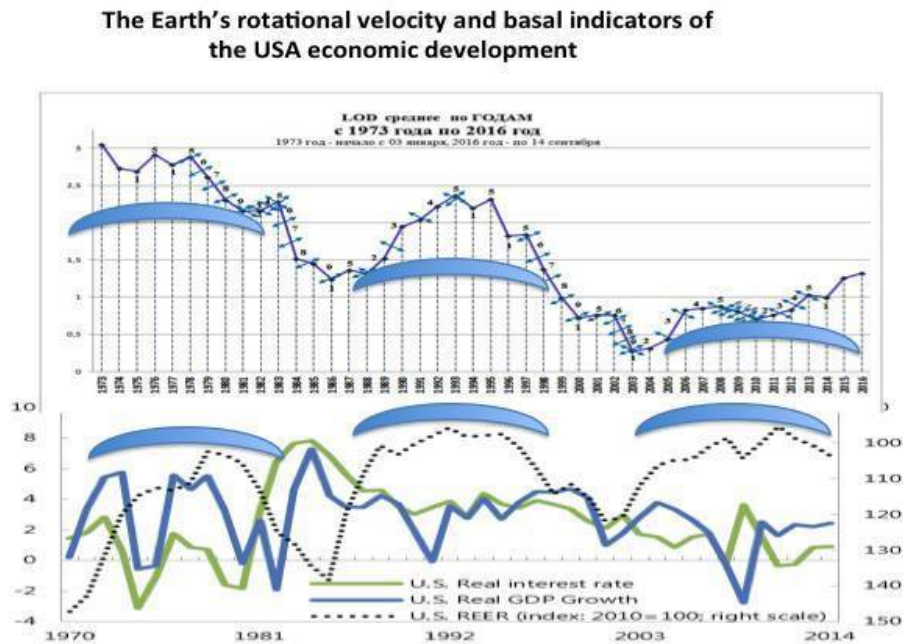
For people is critical a certain density of cosmic energy, the cosmic ether. This applies both to differences between countries, and differences between people within a given country. Every country, every people has its optimal zone of cosmic ether density for development. So, humanity has the possibility of changing at the density of cosmic energies varying in a wide range.

This finding has caused delight: both at the highest cosmic energies, or at their sharp drop down, mankind is doomed to survive. Our survival is guaranteed by people and peoples with different abilities to energetically consume energy of the cosmic ether.

At the fall of density of the cosmic ether, countries in the low-pressure zone of the cosmic ether are in better position. Their growth rates are beginning to rise, and the developed countries' rate of growth begins to fall. Thus, the pace of development of the USA in space periods of low cosmic energy becomes a failure.

We can set what peoples are more prone to consume more intense the cosmic ether by comparing the GDP growth over a long period of time with the speed of rotation of Earth or other signs of change in the cosmic ether density. Naturally, such a comparison is justified for countries with relatively the same technological structure, the level of social division of labor.

Various economic indicators of even the same country are in different ways connected with the Earth's rotational velocity.



On the graph presented, World Economic Outlook data reflects the summary measure of the US economy. This is the GDP growth rate, the interest rate and the dollar's real effective exchange rate (REER). This financial indicator immediately changes after the adoption of relevant decisions by regulators. It does not require the time shift, or at least to scale of days, weeks, months. REER is a generalized indicator of the effectiveness of the US economy relative to other countries. If US share the GDP of other countries – it is a delayed indicator of the effectiveness of the US economy relative to other countries, then REER is current. Prior to 2010 – 2011 years, dollar relatively to other currencies has grown with the growth of cosmic ether density, that is, with an increase in the length of Earth days. We know what mental changes in people correspond to it. These are creativity, activity, resonances with cosmic energies, and others. This is a sign of a special role in the economy of the resonators. But the inverse dependence began in 2011. Why?

To go to this level of analysis, suggesting an answer to the most difficult problems of our society, we need the requisite knowledge of the physiology and psychology of people.

So, let's refer to the results of these studies.

Chapter 3. Changes in electroencephalogram, psycho-physiological, and physiological characteristics of people as a sequence of influences of non-electromagnetic cosmic energies

First of all, we need to understand how at the physiological, psycho-physiological level people are different, who are more and less active depending on the rise or fall of cosmic energies. It requires knowledge at the level of higher nervous activity physiology, at the level of the brain mechanisms.

3.1 Methodology basics

For a long time away from electromagnetic interference, employees of the Russian holding company have been surveyed, civil servants of sufficiently high status, and others. One of the essential elements of the survey was the removal of the EEG in a relaxation of the person with opened and closed eyes.

These same individuals were examined by test procedures, biographical method, collected data on many expert estimates, also there were other sources of information. Since for most it was a question of career growth, promotion to a higher position, these individuals were responsible for the examination.

We simplify all, that the main idea is clear, and secondary facts do not overshadow the main thing.

Below is a diagram of the electrodes superimposing the person's head.

Electrodes diversion on the *left* side of the head have *odd* indices, and on the *right* – *even*.

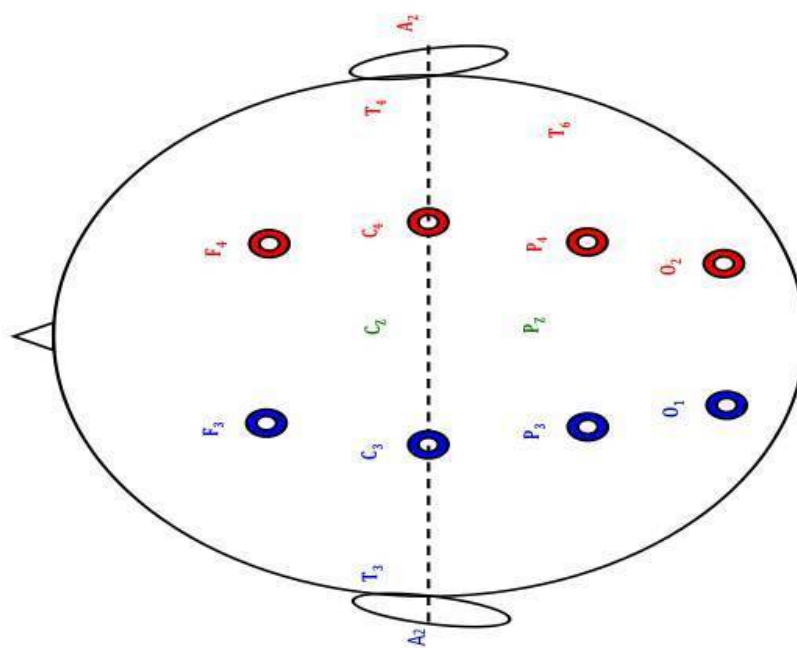
There are 8 pickup points on the diagram for simplification:

F – frontal EEG pickup point (F₃, F₄);

C – central EEG pickup point (C₃, C₄);

P – supraoccipital, parietal EEG pickup point (P₃, P₄);

O – occipital EEG pickup point (O₁, O₂)



The main conclusions were made on eight frequencies of discharge points: F₃, F₄, C₃, C₄, P₃, P₄, O₁, O₂. This is due to the fact that our consciousness is more difficult to analyze nine factors simultaneously. Selected 8 points are sufficient to obtain reliable integer information.

Points A₁ and A₂ are related to ears. There was also and diversion from the forehead, the measurement of ECG (electrocardiogram) and GSR (galvanic skin response). Back in the 60's, G. Lacy et al. (Lacey et all, 1962) have found that the growth rate of the GSR is associated with an increase in heart rate. Emotional survey atmosphere evoked positive emotions. Therefore, the growth

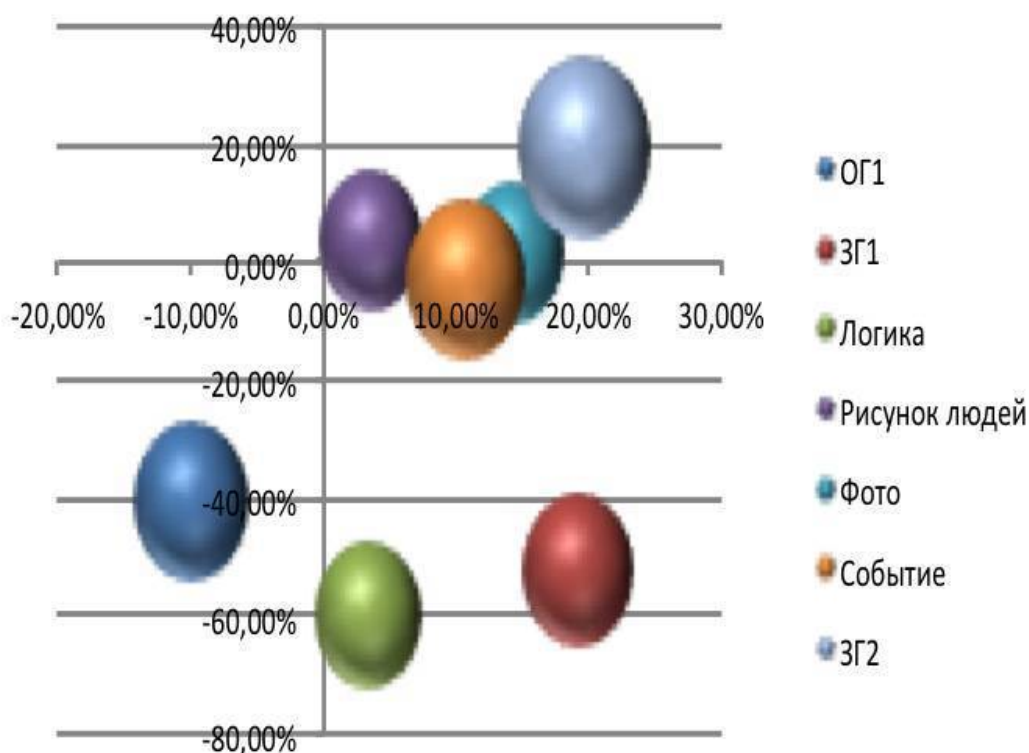
rate of the GSR we interpreted as an increase in heart rate. As has been evidenced by periodic revalidations.

An earlier study (N. Konyukhov, 2015, 2016a, 2016b) has found that EEG changes by 20-30 percent depending on the position of Earth in orbit. EEG changes significantly depending on the location of planets and Moon.

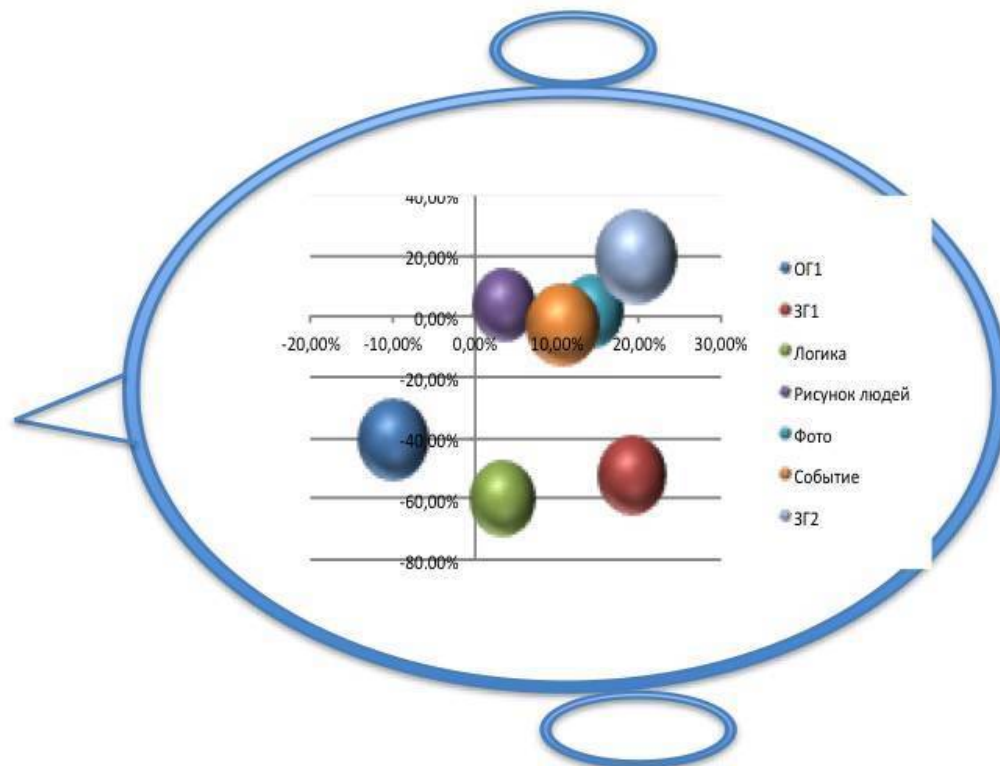
At this point, an EEG reaction could be both in frequency and in change of the frequency at different points of eavesdropping. Particularly important is the ratio of activity of right and left hemispheres of brain, its frontal and occipital parts. Therefore, in addition to the frequency values of each point and their removal also this ratio has been measuring. It is reflected in the asymmetry coefficient. Thus, the frequency at the point F2 has been divided by the frequency at F1. Then, we have an index of brain asymmetry at point F, and so on.

For the analysis, it is convenient to use various indexes of asymmetry, which represent relationships between the various frequencies of the EEG point removal rate (Fig .:).

There can be as much indexes as number of possible frequency ratios measured at different points of measurement. It is complicated. We can look at the chart that gives computer. Then understanding is simplified.



We can apply this scheme to the scheme of the subject's head to make it more clear what parts of brain are more active at in relation to all patients.



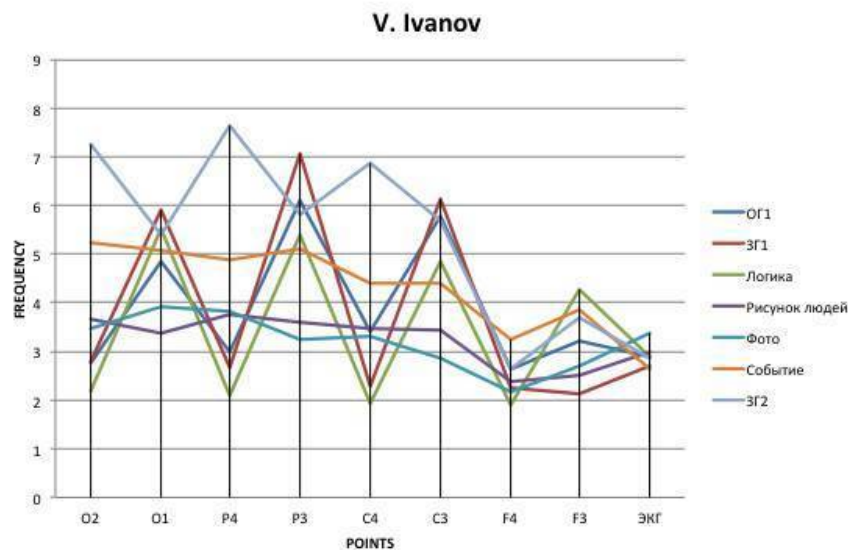
This is survey results for V. Ivanov. The value of multi-colored circles in the graph represents the frequency of the EEG at the time of a subject performing certain tasks. Location of circles reflects the shift of brain frequencies to the right – or left, to the back of the head or forehead. There are code names assignments on the right. EEG was doubly recorded with closed eyes (CE1 and CE2).

The axes are percentages. Average asymmetry index value for neck/forehead was about 1.1 for thousands of examinees. The average value of the right/left hemisphere index was found to be 0.992. Individual performances were "running", "jumping" around the mean. But keep the measure of this deviation in the head is hard. It subjectively increases or decreases depending on the particular installation and researcher's fatigue. Therefore, all figures were converted to a percentage of the original. If the back of the head/forehead asymmetry index was 1.2 (this is 9.1% more than the average size), then it will be equal 9.1 on the graph, on the back of the head – forehead axis.

The asymmetry index of the right / left hemisphere has been evaluated, of course, when comparing the individual indexes with the value of 0.992

This made some of the individual and group performances more visible and understandable.

EEG frequency tables were translated into graphics. Having identified certain statistical trend, we could take the results of the survey (here and test results, biographical data, written psychological characteristics) and analyze the data on a typical representative of this type.



This way, we are able to quickly assess which parts of brain were more active, and how it relates to the typical results and so on.

Having analyzed few specific people, it is easier to understand statistics on hundreds of patients.

Different parts of brain of different psychological types of people react differently to changes in the cosmic ether vortices.

Before the beginning of this analysis we already knew, that successful leaders, and generally outstanding individuals can be distinguished by:

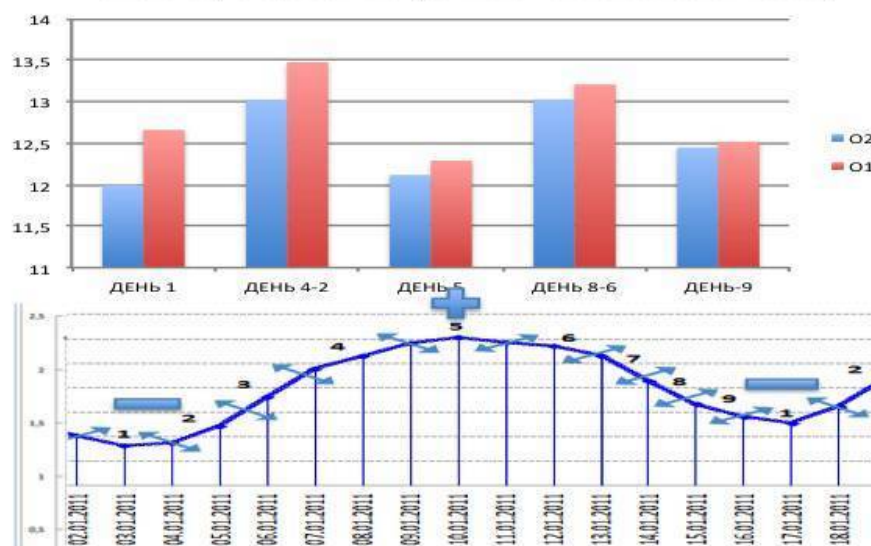
- EEG frequency;
- The ratio of activity of the right and left hemispheres of brain;
- The ratio of the EEG frequencies in the frontal and occipital points of measurements;
- The ratio of the frequencies and amplitudes in the different sections of the EEG measurement;
- The ratio of the frequencies and amplitudes of inclination of amplitudes (EEG damped or not) at various points.

These parameters were used when comparing results in different cosmic periods.

To understand the impact on the human EEG of change in cycles of the Earth's rotational speed, and hence of the density of cosmic ether and the degree and nature of its spin, digitization has been applied. The highest speed of rotation of Earth in this series of changes (low energy ether) denotes by the number 1, and the lowest (high energy ether) by 5, and so on. All surveyed were then divided into groups that belonged to a particular cycle. In most cases, the examinee himself in each group turned into different groups in a scale of days and years.

Here is an example of such digitization and the resulting difference in the frequency values in O points (neck) in these groups.

Data visualization of the connection between the EEG of surveyed depending on the day of cycle of changes in the Earth's rotational velocity



Cycles of longer duration (week, month, year) were divided into the same 9 groups. Rising side of the cycle (the speed of Earth is slowing down, cosmic energies grow) consisted of 3 groups (2,3,4). A part of cycle, when the Earth's rotational velocity is increased, and the cosmic energy failed consisted of 4 groups (6,7,8,9). This was done to capture the statistical trends which are sometimes difficult to grasp in 3 groups. These three groups provide high statistical accuracy of the study. In the presence of inconsistencies in the data, the trends obtained in these groups were carried out with further tests and clarified. Scientists practitioners know that blindly trust a reliable statistical data, obtained with no linear dependence, is impossible.

Total EEG surveyed people were about 1,600. Data on more than 1,000 people has been employed in the basic calculations. The remaining data were used to cross-check the results.

All has been greatly simplified and visualized. All values above described factors, indices, frequencies in the pick-up points were transformed into images.

It should be borne in someone's mind that the brain is very sensitive to the slightest changes in the environment, to the cosmic energy.

When Earth was at perihelion, which is during January 2-5, approximately 15 days after the winter solstice, the average frequency of the EEG in examinees was 13.78 Hz. At aphelion – 3-7 July, about 15 days after the summer solstice – 11.36 Hz. The difference is almost 2.5 Hz, i.e. around 20%, which is a lot for a qualitative analysis.

Here is the data.

**The results of intellectual testing
(n = 659) and the EEG frequency (n = 1002), 2004-2014.**

Month	IQ	The EEG <u>frequency</u>
January	98,87	12,13
February	100,00	11,48
<u>March</u>	98,11	11,27
<u>April</u>	98,08	11,55
May	99,82	11,30
June	101,47	10,71
July	102,26	11,01
August	98,59	11,67
September	95,84	11,54
October	98,30	10,54
November	96,64	11,95
December	100,27	11,82

But the question arises: why do we need these figures, these techniques, when we talk about economic issues? The fact that what is in people's head reflects the economic pattern.

Let's take the data on the frequency of EEG and values of the coefficient of intelligence, depending on the position of Earth in orbit, and time of a year. There is obvious coincidence with the dynamics of growth of S&P 500 stocks.

Annual cycles of the S&P 500 index change, the Earth's rotational velocity and EEG frequencies of surveyed in different months for the many years period



Note, that this chart combined different Earth's *rotational* velocities. But there is also the velocity of movement of Earth on its orbit. EEG reflects their non-simple combination.

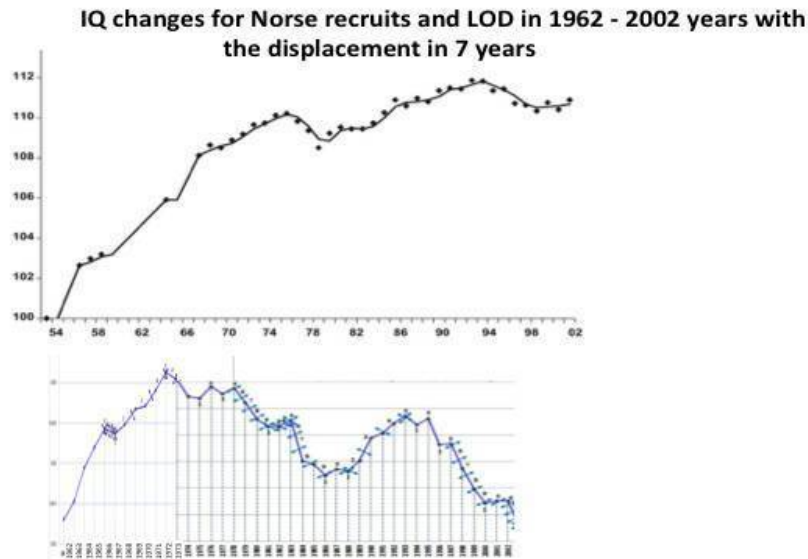
This is the data for many years. If we take a particular year, then neither the S&P500 index, nor the EEG frequency of the examinees will not have such an appearance. But for 10 – 20 years, the dependence appears. And what is the root cause? Earth's speed on the solar orbit, *ceteris paribus*. That is, provided relatively constant density of the cosmic ether in the solar system, the basic ability of people will occur depending on the speed of movement of Earth on its orbit. That is, from the amount of the cosmic ether available, which Earth absorbs during its movement. People accidentally get a larger portion of ether. But if the cosmic ether density changes in the solar system and the Earth runs into these vortices, they start determine intelligence and other abilities of people. And on them the economy depends.

There are calculations of economists and psychologists for GDP growth obtained from the IQ of people surveyed. Correlation is the highest. The correlation coefficient between the IQ of the population and the value of GDP per capita for 81 countries was 0.76.

Mc.: Lynn R., Vanhanen T. Intelligence and the Wealth and Poverty of Nations, 2010. (The Results of Regression Analysis of Real GDP Per Capita 1998 on IQ for 58 Countries)

If we use the coefficient of determination (0.58), we can conclude that 58% of all the factors that ensure the growth of GDP per capita are related to their IQ.

We have presented the data that the GDP and other economic indicators depend on the density of the cosmic ether. So maybe IQ does also depend on it? There is an evidence of change in Norwegian psychologists' IQ in recruits from 1962 to 2002, i.e. for 20 years. There is a direct connection with the change of the Earth's rotation.



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This similarity of graphs shows that the Earth's rotation affects IQ of Norwegian conscripts. But this is clearly not the only one factor. The growth of the level of education is also important. Norway is one of the most educated countries. At the beginning of the XXI century, the level of education of the population took the 5th place in the ranking of all countries of the world. With the fall of the cosmic energies, growth of the Earth's rotational velocity, their influence on the change in IQ recruits dropped, and other factors, including education, increased. But at a sharp drop of the cosmic energies, there is a small IQ drop for even Norwegians with their education system. Other factors the decline does not compensate this decline.

Do not forget, that Norway is in a zone of high pressure of the cosmic ether. And at the present time we do not know whether it is possible to extend these dependencies on populations of countries from zone of the low pressure cosmic ether.

Nor it is clear, why such a difference in the results has been obtained. Is it due to the fact that the brain work has changed dramatically in the time of entering dense layers of the cosmic ether, or due to the fact that children raise in the cosmic ether of different density? Perhaps, an education in the denser cosmic ether medium gives the best results? This conclusion is consistent with studies of E. Vinogradova on the growth of talented, genius people when they were born in the period of denser etheric vortices. This is consistent with investigations of A. Kholmanskiy on the birth of a greater number of talents and geniuses after explosions of supernovae stars, which are associated with an increase in the density of the ether streams in the solar system. Both IQ changes in the Norwegian recruits, and the Earth's rotational speed are better converge, coincide with the shift in 7 years. Early age includes the sensitive period of development, when the information is digested by imprinting and other highly effective methods of socialization, acquisition of knowledge, social experience.

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