

# PSYCHOPHYSICS AS NEW PRIORITY IN MODERN SCIENCE

V. Nesterov

*The work you are holding in your hands now is somehow epochal. It is itching to seal the cover with the stamp of «XXI century». Of course, main facts set forth therein were known much earlier. But they were scattered in hundreds and thousands of inaccessible publications, but above all their combinatorics, interpretation and understanding looked differently and added up to a tough as Procrustean bed alternative of “either – or”, of course, in favor of scientific approach and to the prejudice of naive and old-fashioned popular illusions.*

*Nowadays, when mankind has stepped with one leg into the information age, its previous views on the world and itself therein are undergoing serious correction exceeding all previous intellectual revolutions in the scopes and consequences.*

*A phantom longing for recent perception of the customary and comfortable as worn-in shoes visual environment, genome decoding unwittingly reminding atomism of Democritus can not hide the fact that psychology of virtual realities, logic of nonlinear processes, philosophy of unstable states, hybrid structures and composite scientific disciplines are currently getting out to the field of knowledge. Active formation of natural and related thereto abstract sciences is taking place as a new philosophy of invisible.*

*The things that seemed to dissipate upon approaching to the “scalpel” of impartial scientific arguments unexpectedly start merging therewith creating a detonating mixture of new consciousness and information civilization.*

*We have to do V. Nesterov’s creative impudence due honors as his uncommon work is in the course of growing tendencies.*

*The author of this fascinating work can be reasonably referred to representatives of so called deviant science – deviating from conventional orthodox criteria and views. Seemingly conflicting with established conceptions this area of science in general plays quite positive role. It not only reveals shortages of existing theoretical models but offers its own conceptions and cognitive strategies. The «Russian school» is always notable for such a scientific dissidence. The gone XX century was no exception. Just let me mention names of such thinkers as K.E. Tsyolkovsky (“Space philosophy”) A.L. Tchizhevsky (heliobiology and influence of the Sun on historical processes), D.L. Andreev (metahistory), L.N. Gumilev (theory of passionarity) to make it sure...*

*It can be said for sure that as many modern Russian scientists studying connections between natural and human things Vladimir Nesterov keeps on this tradition...*

*Practically all work is devoted to phenomena not being explained yet by the classic science. Having wide mental set and desirable erudition the author tries to fill such a gap. Upon offering a hypothesis the scientist fearlessly and, to my mind, quite correctly uses knowledge from different areas: cosmology and philosophy, psychology and crystallography, cybernetics and genetics.*

*In order to corroborate his positions the author quite often applies to the latest scientific theories and hypotheses being outside of established scientific paradigm and not*

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universally recognized. Nevertheless, such an approach seems to be quite reasonable even by availability of serious theoretical substantiations and experimental confirmations.

Vladimir Nesterov is one of the scientists for whom the world is not limited by visual reality. But at the same time regardless to numerous temptations the author takes sufficiently weighted stand. A «razor blade» he is neatly balancing on lies between two everlasting extremes – ancient empirical experience quite often bungled in psychological clothes of mysticism and esoterics, from the one hand, and the science as specialized kind of human activity, from the other hand.

The history of scientific cognition is a field of daring suggestions and their permanent retractions. Opening new horizons of science before readers the author insensibly involves them into co-work and co-cognition as well as induces them to revision of established views not only on the problem of the human but his place in the universe as well. Psychological effect of this work is intensified by the fact that during narration the author continually touches serious problems of world view nature. This is very actually nowadays when mankind is challenged by the problem of survival in many respects related to the insistent need of urgent development of a new paradigm of existence, consciousness and activity.

Nesterov successfully combines carefulness of a scientist with respect to readers and understanding of their interests. This fact does not scare readers away by scientific and especially pseudo-scientific terminology. The present work is not bureaucratic philosophizing but vivid and distinct statement of own sometimes unexpected views. Precise putting questions and originality of consciousness perfectly combines with the author's ability to narrate about complex things intelligibly and clearly.

**Academician A.N. Berestov**

More and more scientists are inclined to the thought that our world is not only material objects and that there is another layer of reality – a certain global information

field of the Universe, i.e. something like space library in which enormous volumes of information are stored. Ancient Hindus called these areas of delicate world as Akashi chronicles and modern scientists as energoinformation field or semantic field of the Universe...And an area in which human thoughts, ideas, historical and personal events are stored is called noosphere, i.e. the earth part of the universe knowledge bank.

The cosmic archive contains information on everything: the past and the present, possible variants of the future, ideas and creative intentions... As far back as in April of 1982 academician M.A. Markov told at the meeting of the Academy of Sciences of the USSR the following: "information field of the Universe by layers and structure reminds a matreshka where each layer is hierarchically connected with much higher layers up to the absolute and except of information bank is a regulator of onset of destinies of people and mankind".

"Nowadays we can speak that so called Semantic Universe or semantic space co-existing with our temporary space and, moreover, revealing in it is appearing before our eyes".

**Professor V.V. Nalimov**

"Where from does the consciousness extract huge volumes of information? It is typical that almost all knowledge of exact sciences was obtained by intuition rather than by logical and formal way. This connection was able to be explained by existence of a certain information bank which the consciousness is interacting with...The information bank itself pretends to be a set of independent stable objects of phantom type that nevertheless are not created by individual consciousness but is reflection of universal ideas existing as if outside of time and space. And the brain pretends to be peculiar biocomputer...There is every reason to believe that new knowledge appears as a product of interaction of consciousness with the environment, a certain information field. And such interaction is psychophysical one by its nature".

**Academician A.E. Akimov**

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Scientists believe that there are certain channels and passages between our physical world and the world of ideas allowing moving both ways. So, we can get in that world and pick up some information.

Thus, a famous physician David Bome that had been cooperating with Einstein for many years thinks that our world (the one we know) is merely an aspect of reality, its evident or comprehensive order.

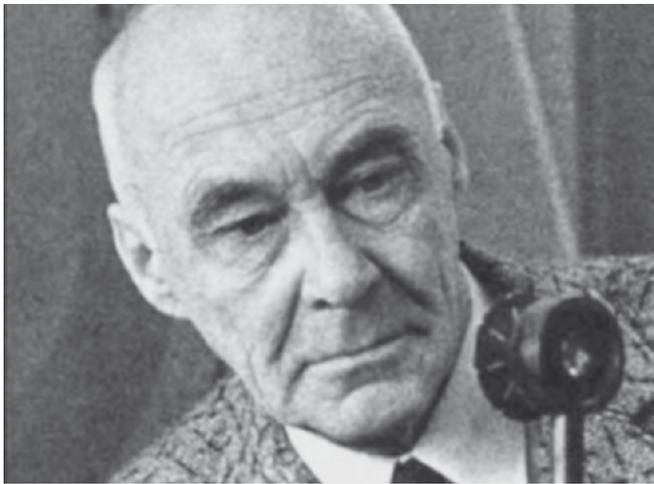
And its generating matrix is the hidden order, i.e. the sphere concealed from us, in which time and order are rolled up.

As we have no concept of time in "those" worlds, so we have no speed concept there as well. Thus, transfer of information takes place under laws other than ones of our physical world, i.e. instantly. Probability thereof was proved by English scientists from the

Royal Research Institute “Signals and radar”. They designed a special device that allowed them to prove instant transfer of information.

It seems unbelievable because from the school-time the most comfortable concept of time sits in our consciousness. It can be well illustrated by habitual graphs where a direct arrow (flow) of time is always directed rightwards, i.e. from the past to the future and time itself is linear as a bridge or a board thrown across the precipice: one wrong move and you are dead. It is obvious to pupils, but not to scientists. Nowadays they are increasingly inclined to other models.

There are even the most uncommon hypotheses. Some scientists suppose that a set of worlds equal by their history but shifted in time relative to each other can exist simultaneously. Then it is enough to look into the required parallel world in order to get in the future (or the past). Others set up a hypothesis on availability of two counter-current flows of time. The first flow – coming from the past to the future and more intensive – we take it as our own. Scientists explain many chronoanomalies by interaction of these flows. Whether counter-current flows by any reason get balanced, then real bodies as if fall out of time and can even disappear from our reality. Whether the counter-current flow suddenly excess our own one, then it is possible to find ourselves in other time...



*N.A. Kozyrev*

Professor of the Pulkovo observatory N.A. Kozyrev (1908–1983) developed its own conception of time. Not going into details let us make a note of the most important for us – conclusion of the scientist: «*The future already exists; therefore it is not surprising that we can observe it right now*».

This idea said by the scientist’s mouth is stunning. But the most interesting that Kozyrev has experimentally proved its hypothesis. By pointing

closed (!) by the cover telescope objective at one or other star the astrophysicist learnt out to “catch” and measure so called “flows of time” coming from them not only from the place where the star is visible (it is long ago in some other place because it moved meanwhile the light came to us), but as well as from the place of its present and even future position (!) – from a place where it will come, for example, in some thousand years. For purity of the experiment the telescope was also pointed at the place where by accounts the star shall be never. In this case there was no flow of time. So the conclusion is single: nowadays information comes both from the past as well as form the future.

The same was proved by American scientists G. Puthoff and R. Targ but in absolutely different way. Making an experiment on telepathic transfer of visual images for long distances they unmatched actions of the inductor (transmitter) and the percipient (receiver) by time without informing them. Result? By words of the researchers, the percipient received telepathic images with 80% coincidence... an hour before they were oscillated by the inductor.

Research of such demonstrations of human perception which at first sight present a sort of ability called by us as foresight has been being performed in the electronics and bioengineering laboratory of Stanford Research Institute for already three last years. The phenomenon lies in ability of some people to receive information form the sources inaccessible for common perception and considered as protected from such access as well as to describe such sources thanks to some mental processes.

More than 50 experiments were performed in controlled laboratory environment with people whose ability to perceive information from distant objects is developed so that sometimes it allows to describe in details topographic and engineering objects – buildings, roads, laboratory equipment etc.

During laboratory experiments it was established that the main phenomenon, obviously, embraces a complex of subjective states that depending on character of literature are called as “autoscopy” (medicine literature), “exteriorization” and “disassociation” (psychology literature), “clairvoyance”, “movable clairvoyance” and “off-material experience” (parapsychological literature), and finally “astral foreknowledge” (occult literature).

*(Puthoff G.E., Targ R. Perceptive channel of distant transfer of information. History of the matter and the latest researches // TIHER (Works of the Institute of electronics and radioengineers).USA. 1976. No.3.Vol. 64)*

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The work conducted by R. Targ in Stanford Research Institute showed that it was possible to train in foresight i.e. ability to predict the future within some terms (seconds, minutes and so on).

(*American magazine "Electronics", 1974. No.3*)

The same effect was registered by academician of the Russian Academy of Medical Sciences V.P. Kaznacheev in Novosibirsk during international experiments on distant interactions. Images of the items were received at a distance of thousands of kilometers long before being arbitrary chosen and oscillated.

In any event thoughts and experiments lead different scientists to the same important conclusion: data on future events can be read long before these events.

Does it mean that mankind and each of us are prevailed by inevitable fate?

No. Today the most of scientists engaging in this problem are inclined to the idea that the future is a serpentine road with a lot of forks rather than a direct highway. And a lot of roads and paths come out of the forks, i.e. the future has a lot of variants.

That is why delicate worlds of the "space library" are seldom called by the scientists as virtual ones. They use this word not in usual to us meaning – "seeming, unreal, unsubstantial" (as in virtual computer world), but in its initial sense. After all, "virtual" in literal translation from Latin means "possible", i.e. able to appear under certain conditions. This means that there is a certain project of the future in the energoinformation field containing different variants of developing of situations including those ones that will never occur. In this sense our physical world is a part of the Universe, its sphere where realization of variants takes (or does not take) place. Whether it is right, then it is obvious that a person somehow is a real master of his destiny and we are free to choose our way of life.

It can be said that a destiny of each of us is like a branchy tree. In a sense, we are similar to ladybirds that crawl higher and higher in order to finally fly up to the sky from the highest point. Not returning but only periodically looking back at the traversed path, we move forward by tree of destiny to our last start. But how can we choose the best way? How can we do it, if we have not the most important thing, i.e. "map of life"? How not to be tempted at the fork by alluring but hopeless side branch?

We make plans and accounts, consider and think over, seemingly, to the smallest detail... But life very often gives us surprises shattering our plans and magnificent projects. The mind is not able to foresee all steep turnings and risks prepared for us by the future. It is beyond our abilities.

Is there any opportunity to look into the future still?!

Conventional division of the world to the material and the inner ones is conditional. This is united world similar to Moebius loop, which opposite sides is united surface in fact. The world of physical objects («commodity world») and the perception world («world of ideas») is a single whole in fact.

The human is a competent resident of both the worlds. In principle, he shall perceive the world in its fullness. Perhaps, it was peculiar to our ancestors. But at a certain phase the human had to focus on physical (material) objects of the United World. Trying to enjoy fruits of the «tree of cognition», to cognize these physical objects the human industriously developed his rational mind. The logic got stronger, the «ratio» filled increasingly large place in the human consciousness gradually suppressing initially laid in abilities of other (out-logic, irrational) perception of the world. We have enjoyed fruits of the tree of logic cognition. They turned out to be bitter. We got stuck in the physical world and ability to sink into the Ocean of the universe cognition had been gradually weakening and fading... but, fortunately, did not disappear at all. Sometimes each of us inadvertently looks into the stock of universe depository, although even not guessing it. Being readers of the "space library" as usual we unknowingly use it. And then we speak on intuition and striking, wonder at presentiments and prophetic dreams...

Nowadays it is established for sure that in certain situations – as a result of meditation, extreme mental, physical or emotional pressure – the person in fact falls into some strange state. Immobilized he, as if, gets away from the external world and does not perceive the environment anymore: does not react to sounds, light, motion and speech... but this is not a dream, faint or loss of consciousness. The consciousness does not leave the person this time, it continues to work actively, but in some other than usual mode. It seems that in these so called *altered states of consciousness* (ASC) the very *special type of perception* comes to the person. Inconceivably the person obtains access to information (often absolutely reliable one) that was not able to be perceived by sense bodies anyway.

A special international organization of psychologists – Transpersonal Institute – is established for studying ASC; ASC are studied in Stanford University (USA, California), psychology department of Connecticut University (USA); Oxford and Cambridge Universities (Great Britain), West England University (Bristol), Institute of the Human Brain of the Russian Academy of Science (Saint-Petersburg), Institute of applied psychophysics (Omsk) and many other scientific centers.

Nowadays scientists use different methods of evoking ASC in laboratory environment, namely: hypnosis, specially organized meditation, hyperventilation of lungs (so called holotropic respiration), sensorial isolation, as well as application of special devices controlling brainwaves with the help of different acoustic and optical signals.

Since 1988 T. van Hoven – the scientist known for creation of physical theory of psy-interactions – has been headed the program on development of electronic devices for purposeful alternation of the state of consciousness and getting reproducible psychophysical effects of contactless obtaining information from distant (hidden) physical objects by invitation of the National Aeronautics and Space Administration (NASA) and the Pentagon.



*T. Van Hoven*

The vast majority of experiments were performed within the precincts of Stanford International research Institute – the main laboratory studying paranormal effects. The experiments resulted in creation of the equipment functioning on the basis of principle of initiation signal multiplication upon break-up of metastable states. Later on this equipment as well as other similar designs was given common name for the whole group of devices – “brain machines” (metatrons).

Virtually at the same time such equipment was developed in the Soviet Union by academician Svyatoslav Nesterov regardless to work of van Hoven.

In the altered state of consciousness a person obtains *unique ability to overpass conventional course of time*. He can be carried away to the distant past, sometimes even to the time that he has never read about, seen in the cinema or has no idea of. It is interesting that sometimes the person gets such data from his “traveling” that afterwards find its confirmation.

In the ASC a person is able to experience not only the present and the past but the future as well. And events he involved in can appear before him in uncommon way: they can turn to reverse direction or coexist simultaneously. Sometimes the person experiences years of life for just some minutes in all details. Sometimes the time stops.

Not only the time but the space as well is perceived absolutely uncommonly. Distance ceases to be an obstacle and a person can be carried in any part of the Earth.

Virtually all people that have experienced such moments unanimously claim that they had touched the reality in comparison with which the reality of common life is a dream or illusion. Academician of the Russian Academy of Medical Sciences V.P. Kaznacheev believes that “*objective basis of such states relates to dipping into the field space reality, in which dimensions thereof lying outside the frameworks of the common world can be slightly opened*”.

But how a person can get in this multidimensional space reality? Many scientists are trying to solve this problem. And virtually all of them are inclined to the idea that in altered state of consciousness a person is dipping into the depths of his own consciousness».



*V.P. Kaznacheev*

But this is a paradox! How can we surpass the frameworks of the common world by dipping into ourselves? In fact there is some clear contradiction. But it can be easily solved, if we remember changes of the scientists’ conception of consciousness in the XX century.

If earlier the consciousness was considered, roughly speaking, as logical thinking, then nowadays this concept includes all levels of so called *unconscious mind*. This is also the *subconsciousness* that is in charge of protective mechanisms, biochemistry

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processes in organism, reflexes, instincts... – all that assist the human in survival as biological species. This is also the overconsciousness providing self-actualization of personality and development of the supreme Ego. This is also the superconsciousness that allows activating latent reserves of brain in order to connect to some “transcendental truths”.

Starting from Freud there is a firm conviction among psychologists that unconscious mind regulates human behavior not in lesser but, perhaps, greater extent than the intellect. Frankly speaking, in usual state our unconscious mind insensibly functions as if in the background, backstage.

We don't think over how to take just another breath, at all. Not realizing the fact we screw up our eyes upon flash of light. Without noticing we change our pose and facial expression. We don't understand why we suddenly want to eat something particular, but bluntly refuse to eat something much tastier. At this moment our organism is under control of our subconsciousness.

*The overconsciousness appears even less distinctly.* If we perceive its work, then in a way of vague desires only. Sometimes they are strong but always unclear. We don't notice that our legs carry us by well-known way while we think over absolutely other problems... We don't understand exactly why we eager to make something but hate some other. Why we are ready to sacrifice our lives to one goal, but will not lift a finger for another one. Why we fall in love with somebody at first sight, but feel instant aversion to other person without any obvious reasons. All these stereotypes, passions and predilections are nothing but a program of development of our Ego in the overconsciousness.

Meanwhile we practically don't feel action of the superconsciousness. In usual state the receiver of our consciousness works in rather narrow band: it “catches”» and processes information from our physical world only. Rational and active awake consciousness has to constantly response to dynamic environment, solve arising problems. Such external hindrances surpass and deaden voice of superconsciousness low by itself. Our mind is able to catch nothing lying outside the frameworks of our common world. But sometimes moments when all practical problems of our life, everyday troubles and needs step back and leave somewhere to the background occur. It can occur when a person is entirely devoured by a single thing: accomplishing a creative task, contemplation of the beauty be it majestic view of the starry sky, marine distance, mountain landscapes or something quite insignificant – a flower, dew on the cobweb etc... But more often is takes place when a person experiences so called “psychomental crisis”, i.e. when he stands on the verge of ruin because of serious illness, strong

stress or physical overload... At these rare moments when all mundane things become uninteresting and unimportant, the main hero of the play, i.e. highly experienced and wise superconsciousness, comes to the scene.

If to think over this word, it becomes clear that the superconsciousness belongs not to the human only but to something much higher else. Being a part of individual consciousness the superconsciousness spreads much beyond its borders to unlimited Space. As a matter of fact, the superconsciousness is the very “channel” connecting the human with the “space archives”. When the channel is open, the borders of individual consciousness in ASC diffuse. It is difficult to say what happens in particular: whether individual consciousness gets in the consciousness of the Universe or otherwise the consciousness of the Universe flows in the human consciousness. Or, perhaps, two flows simultaneously rush towards penetrating each other. Anyway a consciousness of the space extension occurs to a person at this moment. It can be said that thanks to the superconsciousness “the consciousness of each person includes the Semantic Universe in all its infinity” as a splinter of the hologram contains its whole image. That's why in the altered state of consciousness when the superconsciousness starts to speak at the top of its voice, deep discernment and unusual revelations “*much exceeding our educational and intellectual grounding*” occurs to us.

In common, so called weakening state of our consciousness we perceive basing, mainly, on logic. We observe, analyze, compare with something already known to us, classify... Then we make up a general conception, i.e. build some construction. Unfortunately, the construction prepared by us may not uncover the essence of the thing we'd like to understand. So not for nothing the science continually returns to already known, refuting the previous knowledge as false or incomplete one. Apparently, logic as by all means a powerful tool of perception is not almighty.

In the ASC «the intellect is not being injured». Its activity differs from the usual one simply. What is going on with our logical mind in this uncommon mode?

The most popular idea is that it simply disconnects and stops working. It is difficult to agree with. Observations and experiments with different people obviously prove that in altered states of consciousness a person can both observe and memorize and is able to analyze and think over perceived things.

Undoubtedly, logic mind does not fail a person in the special state of consciousness. His mind does not disconnect, but transfers to another operating mode with new abilities of perception. Whether in common state our logic mind (intellect) is involved

in processing information provided by sense bodies from the physical world around us, then in the ASC area of its interests is significantly widening. At these moments «the receiver of mind» widens its band and thanks to the effect of unity starts perceiving and decoding data that was not able to get before. Probably, it can be stated that exactly in the ASC our mind is able to “get in the true essence of things”.

There is a reason why knowledge obtained by a person in the ASC is not expressible. This reason is *symbolicalness of information pouncing upon the person*. A symbol is not monosemantic but has several levels of meaning, and thus, has a great number of decoding variants. It is possible to assume that these symbolicalness and multichoice are peculiar to not only such visions but also to the Universal Knowledge in general. Thanks to such wonderful kind this Knowledge can be perceived at any level of infinite space hierarchy. But as a sense rather than a speech. Each person is able to understand and interpret this sense as well. But it is extremely difficult to communicate it. One scientist, a friend of mine, told me on this problem as follows: *“I’ve got it instantly but it took me two years to translate it into the scientific language understandable to my colleagues”*.

That’s why those, who try to transfer knowledge obtained in the ASC, have to use diffused expressions, metaphors and allegories that can not be interpreted unambiguously. As a result the audience is given an impression that the person can not understand what he is speaking by itself. They think “talks nonsense”, “not in his right mind”, “he is crazy”... while listening to such speaker.

Just a few people have experienced such contacts with the “other”, so people treat all kinds of contacts distrustfully and skeptically, sometimes considering them as mentally diseased persons. Meanwhile modern science does not consider such transpersonal states as something abnormal or pathological any more.

Thus, the famous researcher of the ASC J. Kornfield thinks that these states being directly connected with meditation shall not be referred to psychopathology. He wrote: *“This experience points to rather normal alternation of perception occurring in consciousness of mainly healthy people”*.

Generally speaking, the ASC is not so rare event. According to scientists, eight out of ten people are open to such states. Some people automatically go to this state routinely several times per day.

Most often such spontaneous breakthroughs of consciousness occur to «delicate natures»: poets, painters, musicians etc... Makers of art realize them as *an inspiration*. At these «blessed moments» ideas, images and words come without any efforts, by them-

selves, as if coming from some mysterious spring. So in one of his letters Wolfgang Amadeus Mozart (1756—1791) frankly confessed that at the inspiration moments he did not have to compose, but only had to simply put down ready compositions.

However, such states are peculiar not to the Muses servants only. A lot of scientific ideas were obtained in such a way as well. Discernments of Rene Decart and Thomas Edison, Dmitry Mendeleev (periodic table) and many other great people are the best confirmation thereto. So, psychologist J. Adamar while studying creative process of mathematicians noted that mathematician discoveries are made in a form of strikes where no words but mathematician symbols only. Only then when everything is clear a scientist translated the new knowledge into usual sign system.

It shall be admitted that the special state of consciousness, when the symbolical Universe gets in the brain, usually does not come suddenly. As a rule, it is preceded by invisible but very intensive intellectual work. At some moment the brain tired by long search does not endure huge tension and dips in “a rest”. Then “the ratio” is being suddenly substituted by a strike, i.e. in essence symbolical answer received from the universe “bank of senses”.

Perhaps, some other person having seen this symbol would understand nothing. But trained brain of the searcher will suddenly give an ecstatic start: “Eureka!”. And then frantic round dance of monkeys will transform into benzene formula as it was in 1865 with the famous German chemist Frederic Kekule (1829—1896), or a strange energy vortex will transform into the quantum structure of the atom (Niels Bohr, 1885—1962). Somebody as Mozart or Alfred Schnitke will suddenly hear a wonderful music that shall be skillfully translated into notation. And somebody has no choice but to write down a poem or sketch a scheme of an unusual device.

Nowadays psychologists agree that creative work is not possible without such breakthroughs of consciousness at all. Of course, nobody will deny that rational thinking plays a great role in creative process. But a computer «thinks» as well. Nevertheless, it is powerless in the true creative work. Whether it creates, then in the frameworks and under laws established by the human only. Only the human is able to surpass established things and only in the special state of spirit. Not by chance there is assumption now that *“the future evolution of the human as biological species will in many respects result in intensive development of his altered states of consciousness, perhaps, deliberate and planned”* (Doctor of Medicine L.I. Spivak).

It is far long marked that moonlight has some mysterious power and influences on all living beings in a strange way. Not for nothing there is a lot of folk

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omens and superstitions related to the Moon, e.g. “a person born in a new moon period will be enduring and long-lived”, “corned beef shall be stored up until new moon period”, “fish biting is the best in a young moon period» etc. The moon calendar was also followed in old times. For example, people tried to sow closer to the new moon period, they say, that in this case fair yield is able. Niceties were known as well: the flax is better to sow before a new moon period, and the spring wheat and rye – in the very new moon period. At the same time people gathered medicinal herbs as it was noted that they were stronger in that period. Timber was also chopped this time because timber chopped soon after the full moon period will decay faster: “to cut grass, timber and brushwood in a full moon is the same as to spoil: it will decay or worms will gnaw it away”...

These regularities have been being observed by people for already thousands years, and the science knows them as well. But there is no comfortable explanation to the fact still. Life cycles of herbs can be somehow related to the moon gravitation (“ebbs” and “flows” of water in stalks and leaves). But other regularities are much harder to explain. For example, the one that well known to experienced infectiologists: diseases caused by bacteria become more intensive in a *full moon period*, and viral infections – in a *new moon period*.

Nowadays there is no doubt that activity of living beings evidently depends on phases of the Moon. In a full moon phase reptiles, animals and birds, especially nocturnal ones, become more excitable. It is for sure established that periods of intensive reproduc-

tion of many living-beings (worms, sea-urchins etc.) are dependent on certain phases of the Moon.

The Moon does not disregard the human as well. Thus, many diseases, namely: rheumatism and nervous pains, sciatica and migraine, become more intensive in a full moon period. Infants become more restless and loud. According to observations of specialists, women become more sensual and they stand a better chance to become pregnant in this phase of Moon. The full Moon also influences on mentality. Indeed, nowadays scientists ascertain that epileptic seizures, schizophrenia, maniacal depression and paranoia become more intensive with patients in a full moon phase. Even such nervous disease as stammering is aggravated. Healthy people suffer as well. Their mentality become more unstable and people become more irritable and absent-minded. According to statistics, number of accidents and incidents related to human mistakes and carelessness increases in the active phases of the Moon, especially in full moon periods.

At the same time human aggressiveness rises sharply and number of crimes increases. According to statistics of the police department of Philadelphia (USA), “*people whose antisocial behavior has psychological background like incendiaries, kleptomaniacs, alcoholics and suicides are active upon ascending Moon and calm down upon descending one*”.

Analysis of historical events since the 18<sup>th</sup> century shows that most demonstrations of mass activity (rebellions, strikes, murders, impingements etc.) fall at periods of new and full moons.

It is well known that moonlight can specifically influence on the human mentality, i.e. it assists in dipping into the altered state of consciousness (ASC).

As far as in the 19<sup>th</sup> century scientists revealed an interesting coincidence: it turned out that *polarized light* has an effect on living-beings analogous with the moon one. In order to make further thoughts clear I’ll try to explain the polarized light on a simple pattern (May technicians forgive me for so informal expounding of this the most sophisticated subject).

As everybody knows, the light is electromagnetic waves, i.e. it has two components: electrical (E) and magnetic (H) fields. Field vectors of these fields are always perpendicular to the light traveling direction and to each other too. So it turns out to be such a combination of three perpendiculars as coordinate axis.

*Natural* sunlight, from the point of view of its polarization, can be compared with a kitchen wire brush for washing of bottles: its E vector, for example, chaotically bristles extensively in different places. But it is possible to make this brush flat. In order to this we just have to make natural («brush») light reflected from some dielectric (glass, water surface



*Full moon*

etc.). In this case the brush as if become flat from the blow. It is possible to put a filter letting oscillations as if through a slot in one plane only. The best of such filters are clear crystals of, for example, transparent quartz (rock crystal) or Iceland spar without mixture. In any case the brush will change from the cylindrical to the flat one: E and H vectors are coming right and lining up each in its appropriate (single) plane. In other words, the light becomes polarized. It shall be added that not only visible light but invisible rays from radio-waves up to gamma rays as well have a property of polarization (perhaps, «delicate» radiations of higher bands too).

And here we come to the main thing: laboratory researches proved that polarized light like the moon one influences on activity of comma and typhus bacilli, germination of seeds and behavior of animals. It is very interesting coincidence, but is it accidental?



*A.L. Chizhevsky*

Most likely it is not. After all, *moonlight is the polarized one as well!* To put it more precisely, the sunlight reflected from the moon surface becomes polarized. One of the first, who emphasized importance of these coincidences, was Russian scientist Alexander Leonidovich Chizhevsky (1897—1964) who in the thirties of the 20th century was called «Leonardo Da Vinci of the 20th century» abroad. He believed that moonlight even being 600 thousand times weaker than the sunlight thanks to its polarization “*has a specific impact on organisms*”.

Of course, linearly polarized light shall influence on biological cell and physiology in whole in other way than the usual one. After all, it is so differs from the non-polarized one like a flat knife differs from a round metal bar which it is made of. It is the same metal and the same weight, but the first one can cut and the second one cannot. The main thing here is the form. But an impact of this “knife” on

living-beings (at the DNA level?) can be different: sometimes positive, sometimes not. It is obvious as the knife is a neutral weapon. It can be used for surgery operation in order to save a person or, otherwise, can be used for murder. The same applies to the polarized light.

I think that the light with elliptic and circular polarization shall have more specific influence. After all, it is more similar to corkscrew or a drill rather than a knife. Therefore, it can “screw into” or “pierce” the most reliable protection. Besides, such a “corkscrew” can be with right or left-handed thread (right and left-polarized light), then, its influence on physiology can be extremely different. For example, it can activate or, otherwise, depress vital functions of biological cells.

There are all grounds to suppose that impact of such light “scalpel” or “drill” on biological objects and DNA can be extremely strong – up to tissue regeneration. Of course, it will require long experiments and supercaution. Such a device, if its design proves to be imperfect, can cause undesirable new growths, after all...

It is a dead certain, readers have a question: how does moonlight (polarized) influence on people indoors? After all, moonlight can not get on them at all. That’s the right question.

However, statistics is a stubborn thing. It continues to stand its ground: there is a doubtless connection between mental state of people and moon phases. Then, people even isolated from direct moonlight react on something! But what? What is this “mysterious all-penetrating agent” connecting such distant from each other factors: brightness of the Moon and human mentality? If it is not the moonlight itself, then what can it be?

We react not on the very moonlight or polarized light, but on some component thereof depending on brightness (i.e. quantity of polarized light) of the Moon. The very mysterious component is able to penetrate through barriers insuperable for the light. Discovery of such component will explain many mysterious events, including reaction of food and vine being kept in full darkness of deep chilly cellars to moon phases.

What is this all-penetration component? Perhaps, physiological and mental effects caused by polarized and moon light are connected with so called *torsional (spin) fields*. These instantly acting and all-penetrating fields have been being discussed for many years already. They got their name from the Greek word meaning rotation. According to researchers, torsional fields are in all places, where there is such type of motion, i.e. from an electron to the Galaxy. Torsional charges conduct themselves unconvencion-

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ally: regardless of electromagnetism the same charges gravitate, and the opposite ones – repel.

Of late they start calling the energy of torsional fields as the fifth fundamental interaction in the nature. Moreover, the very torsional fields are featured as universal carriers of consciousness and thinking. According to the one of large authority in the area academician Anatoly Evgenyevich Akimov, *“Consciousness and Thinking, as well as the Universal Mind within the limits are presented in the Physical Vacuum through a specific physical essence – torsional fields as spin polarized states of the Physical Vacuum, rather than abstractedly”*.

The academician of the Russian Academy of Natural Sciences A.E. Akimov speaks on the nature of torsional fields as follows: *“uniform medium, i.e. the Physical Vacuum, can be in different phase states, to put it more precisely, polarized states – so called EGS –states. This medium in the state of charge polarization behaves as an electromagnetic field (E). The same medium in the state of spin longitudinal polarization acts as a gravitational field (G). Finally, the same medium in the state of spin transverse polarization acts as a spin field (S)”*.



A.E. Akimov

According to the academician, speed of transmission of torsional signal significantly (perhaps, billions times as much) exceeds light speed. *“Famous experiments of N. A. Kozyrev on instant registration of visible and actual positions of stars in the sky testify thereto. By the way, he covered the optics by antielectromagnetic screen, but, nevertheless, a signal from the star went through still. It means it was a torsional field”*.

This very violation of one of fundamental postulates of relativity theory of Einstein is an apple of discord among supporters and opponents of reality of torsional fields. At the same time under support of the main department of space devices in the midst

1980-es Akimov created first patterns of torsional equipment. In 1986 the Interindustrial scientific and technical center of venture technologies “VENT” lead by Akimov for the first time succeeded in transfer of binary information with the help of torsional fields.

According to the scientist, torsional fields *“are not shielded by common natural means”*. Besides, they have another unique property – they assist in self-organization of substance. Experiments on radiation treatment of slowly getting cold smelt by torsional fields were evidence thereto. The effect was surprising. It turned out that under the influence of even very weak torsional fields some formations – clusters that while expanding subdue all volume of getting cold mass to its orientation – appear in the metal.

Suppose so, torsional irradiation is able to influence not on metal structure only, but on biological objects as well. Most likely, there are the same serious changes in a living cell as in the metal upon radiation by torsional field. Anyway, scientists are conceived that directed torsional flow influences on a human organism noticeably. And according to A.E. Akimov, *“the rightward field makes people fell better and the leftward one – worse”*.

So let us get back to polarized light – we find out its indisputable likeness with torsional fields. It can have both right and leftward spin, after all. Basing on this coincidence we can easily develop and verify working hypothesis as follows: whether right and left-polarized light influences similarly to torsional radiation, or not?

Evidently, there are a lot of common between torsional fields and polarized light. Let us add another one coincidence – the “psychotron” one.

It is well known that polarized light, as the moon one, influences on human mentality specifically – it promotes to its dipping into the ASC. Potent extrasensory individuals and hypnotists have similar impart on the human: they are able to lead other people to the trance condition, the ASC in essence, too. There is a single question arising: whether torsional fields participate in this process, or not? The answer seems to be “Yes”. There is an opinion of scientists on the point: *“When we speak that torsional fields are involved in parapsychological events, we mean firmly proven fact: fields generated by extrasensory individuals are the torsional ones. There are some tens of experiments to prove the point”*.

Well-known telepathy researcher professor Sergey Yakovlevich Turlygin of biophysics laboratory of the Academy of Science of the USSR in 1942 wrote in his work devoted to radiation of electromagnetic waves by a human as follows: *“Performed experiments make us believe in existence of radiation coming out of*

*human organism... We have to admit that some physical agent establishing interaction of two organisms actually exists... Reflections of this agent from mirrors and diffraction events make us think that this agent is the electromagnetic radiation, one wave of which lies in the range of 1.8–2.1 mm”.*

Seemingly, the electromagnetic hypothesis has explained everything. But almost at once different “but” destroying this well-shaped picture appeared. It turned out that by some parameters the human radiation clearly differs from the electromagnetic one. So, it is scarcely to speak on its purely electromagnetic nature. In this case metal screens would block up transfer of thought information entirely, but it is far from reality.

Existence of this feature of telepathic emissions was proved by the famous scientist, the founder of scientific parapsychology in the USSR Leonid Leonidovich Vasyliov (1892–1966). Alumnus of Petersburg University he became interested in mysterious effect of telepathy, when in 1921 he started working in the Institute of Brain with the famous psychiatrist and neuropathologist Vladimir Mikhailovich Bekhterev (1857–1927). After the death of his supervisor Vasyliov became the head of the group studying telepathy in the Institute.

In 1932–1937 researchers lead by Vasyliov designed a special chamber made of thick tin boards effectively blocking transmission of electromagnetic waves. In spite of such strong screening telepathic information from a human-“inductor” came through the metal freely and was correctly received by addressees even at the distance of 1700 km (Leningrad – Sevastopol). On the basis of obtained results Vasyliov made the following conclusion on the mysterious factor providing such telepathic communication: *“As common radio-waves, it acts at long distances but in contrast to radio-waves is not shielded by metal obstacles”.*



*USS Nautilus*

In 1958 during experiments with atomic submarine “Nautilus” American scientists obtained the same convincing evidences. An operator (percipient) isolated from the crew was aboard. At a given time he had to tune mentally on the inductor – a person trying to transfer him information. There were approximately two thousand kilometers, water column and metal case between them. In spite of huge distance and strong screening the percipient precisely determined more than 70 percents of images transmitted.

Leading Russian researchers of torsional fields A.E. Akimov and G.I. Shipov (International Institute of theoretical and applied physics) hold the opinion that main role in data transmission is played by absolutely independent type of radiation – torsional (spin) fields accompanying, in particular, electromagnetic oscillation.

The built model allowed academician Akimov to set up a hypothesis that for each act of consciousness there is a distinctive torsional radiation of brain: *“an opportunity to correlate the Consciousness and the Thinking with their material carrier in the form of torsional fields has appeared... Available theoretical and experimental base of torsional fields’ paradigm allows considering them as the same reality as electromagnetism and gravitation... The important fundamental fact is that electromagnetic fields always contain a torsional component. A torsional field will be observed both in electrostatic field and electromagnetic radiation... Misunderstanding of this circumstance often resulted in unsuccessful efforts to explain events caused by electromagnetic sources by electromagnetic events”.*

Researches, at first glance, seemingly far from the subject of this story, can shed light on many phenomena related to the altered states of consciousness.

The topic in question is sensational results obtained by Moscow scientists Peter Goryachev and Georgy Tertysny during their longstanding researches. It was revealed that DNA molecules, chromosomes and proteins are able to generate so called *coherent radiation* like lasers. By other words, they are peculiar transmitting biolasers, moreover, with re-tuning wave-length. At the same time they act as receiving antennas. These very amazing DNA features provide wave interchange with body genetic information, which substantial part, according to scientists, is kept in chromosome apparatus in the form of holograms. This allows each biological cell to find out instantly what is going on in each part of the organism.

Moreover, it turns out that DNAs are in charge of receiving external information as well. Thanks thereto a human organism constantly interacts with fields of other living-beings, items, and the Earth in general. Moreover, with the help of these DNA-antennas it can receive data from the information field.

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I think that the main peculiarity is that coherence of biological cell's radiation, hence coordination of their work, rises sharply in the ASC. Scientific researches prove this hypothesis. It was revealed that cerebral waves of people being in special states of consciousness are of increased energy coherence. Moreover, at these moments synchronization of cerebral hemispheres, i.e. coordination of their work increases. Most likely, it is necessary condition for stable reception of information. Those who wield methods of entering to the ASC – different extrasensory individuals and those who can skillfully concentrate attention for a long time – are the best at this point. I suppose that an external stimulation can play an important role in coordination of radiations of all body cells. For example, it can be external polarized radiations, in particular, from the Moon. Perhaps, the very increasing coherence of DNA's work causes specific reaction of all living-beings to the moon or polarized light: it can be hyperactivity of biological cells or exacerbation of nervous diseases or dipping into special states of consciousness, in which the human gets information “from above”.

In ordinary state each biological cell tuned to a “virtual” wave part of its DNA receives individual tasks therefrom and following them executes its main activity: produces certain substances, interchanges information with “neighbors” etc. In general, lives its ordinary life. But in spite of the fact that our organism is an ideal coherent system, as a rule, there is no ideal coordination (supercoherence) of work of its cells. (Hence, indispositions, diseases, frustrations etc....). But let's consider a person concentrated on some problem. At once subduing to a higher command his biological cells transfer to a special working mode (the stronger and more purposeful the human will, the more powerful such a command). Though, some people with phenomenal abilities told me that concentration and volitional efforts are not the best methods as they require huge energy consumption. This is like door breaking with crow-bar instead of easy rotation of the key. They think that simply “directed attention”, i.e. ability to temporarily take away everything unnecessary and minor preventing our consciousness from goal achievement, is more effective than volitional concentration. In this case DNA molecules not being distracted by side effects automatically retune their antennas to a required area of information field, receive necessary information therefrom and memorize it. But in what form?

Most likely, in the same form as genetic information was received and is being kept, i.e. in the form of holograms. Thanks to well coordinated set of billions of DNA molecules “miniholograms” received by them— extremely weak and hardly perceptible in

the hindrances – are intensified repeatedly and join to create single superhologram, which can become completely perceptible. It should be said that the hologram is not a picture, but is only its cipher image required to be decoded. This very thing is going on in our brain. And internal pictures appear after this decoding only.

I think that images received from the Space information field become available to our “internal vision” in this of like way. That is where from there are human notions on events distant in space and time.

It is supposed that *torsional fields* causing certain neurochemical and hormonal processes in the human organism take an important role therein. From the one hand, these processes block up some centers and channels distracting from the main task. From the other hand, they provide opening of new neuronal “paths”, “networks” and “reflexes” in the cerebrum, thus allowing to increase volume and speed of data processing sharply. In particular, this explains different breakthroughs of consciousness – instant “striking”, “revelations”, “connections to the Universal Knowledge”...

By now it is well-known that crystals are able to *accumulate* huge energy stores and give it to the external world. Frankly speaking, it will be some other energy transformed by selfhood of the crystal rather than the energy accumulated from the space.

Hence are therapeutic properties of minerals: if to choose them skillfully and individually by quality of radiation, then they will supply a person with the very energy he is short of. However, upon ignorant application of crystals it is possible to get harm. Thus, decorations made of precious and semiprecious stones curative for one people can be harmful or even dangerous for others.

But meanwhile they both create *an invisible force field* around themselves. Austrian chemist Carl von Reichenbach was the first person who paid attention to that fact in 1844–1867. During experiments that he always tried to make more objective the scientist made sure that many most sensitive people (extrasensory individuals) quite good felt and sometimes even saw this force field of crystals.

Nowadays it is obvious that this luminescence can be observed by ordinary people. Frankly speaking, in this case they have to stay in full darkness for pretty long time: only some time after their eyes start perceiving faint colored aura around crystals. The quite astonishing thing was revealed during such experiments. It turns out that some people are able to come into a *mental contact* with crystals and even alternate intensity and color of their aura!

Nowadays is firmly proved that physical devices made with the application of crystals response to

psychophysical influence of a person quite sharply even in spite of distance. For example, upon mental impact of a person quartz crystals change their frequency behavior almost as upon radiation thereof by a laser beam. And, the most important for our further talk, it happens *“upon initial “coming into contact” (device adaptation to the operator) in immediate proximity thereto. Their so called mutual “adaptation” within some period of time takes place”*.

Another very old “superstition” – crystals don’t simply react to a human’s thoughts, but come into a bilateral contact with him – was proved as well. By other words, a feedback is possible in the “person—crystal” system as well. In particular, this conclusion was made by the director of the American Institute of crystal studying Dale Walker basing on his experiments performed in 1970—80-es. In his book “About origin of crystals” he wrote directly that *“crystals react to a human’s thoughts and emotions interacting with his mind and increase energy of thought and power of his feelings”*.

Of course, an important condition of mental contact with a crystal is possibility of mutual resonance of their radiations. It seems, it mainly depends on both radiation pattern of a person and a type of crystal lattice, i.e. the type of mineral. *A form of the crystal lattice* is of certain importance as well. By all appearances, this very form mainly determines vibration rhythm and resonance frequency of the crystal. Depending on the form of crystal the same mineral will have different not only physical but “psi-properties” as well.

Let’s take a *diamond*, for example, the hardest of known minerals. Carbon atoms in the diamond are located in units of a very rigid undistortable construction – *tetrahedron* (a pyramid, which all four faces are equilateral triangles). Perhaps, thanks to these very short and rigid atom connections the diamond is the best substance to react to psychological influence of a person. Coming into a resonance with him the diamond intensifies them and emits information by much more powerful stream than the received one owing to the huge internal energy.

Thanks to this specific radiation some energo-information frame is formed around the crystal. And this frame is of our interest. The point is that the frame performs several functions, including the one of transmit-receive antenna. It will be logically to suppose that such a complex “antenna” allows crystals not only to emit their own electromagnetic oscillations (this is broadly used in radio engineering), but to perceive and retransmit foreign information, including the one that is emitted by the human both being close and at far distances from the crystal.

Getting inside the crystal external energy quanta

(for example, of light or visible cosmic rays) transfer its particles to excited or even hyperexcited state for a short time. It causes so violent “internal processes” in the crystal that it starts active sharply directed emitting of energy at strictly established frequency. Owing to this effect even a small crystal can give radiation comparable by intensity with radiation of a large X-ray tube.

A ruby can be used as a pattern of such laser effect. All we know that crystals are broadly applied in modern lasers. But it turns out that the ruby is able to form laser radiation without any complex processing equipment. For example, «having charged” from bright sunlight it starts radiating laser rays thin as needles in the same way as an artificial device.

But all these are ordinary properties of crystals well-known and skillfully used in radio engineering. But what if this effect of intensification and “laser shooting” is right not only for electromagnetic band, but for torsional fields as well? For example, for radiations of the person being close to a crystal. In this case the crystal is really obliged to become *a psi-laser!*

Generally speaking, there is nothing extraordinary in this assumption. We can even imagine a probable action of psi-intensification. It is not improbable that the main role in conversion of a crystal in a psi-laser is played by its *crystal lattice*. This very lattice forms numerous energy frames-matrixes and creates some mirror walls and corridors for mental energy tossing inside the crystal. As a result each cell of the lattice transforms into a microscopic psi-laser, and the crystal, as a whole, summing up all their efforts – into a short-distance psi-laser. Having received mental radiations coming out of a person and having become excited thereby the crystal intensifies and “shoots them back” but being much stronger. After that a mere trifle remains: to perceive all this and make it visible for consciousness. And, as we have already understood, it is necessary to come into the altered state of consciousness previously. Another important property of crystal radiation will help us in this matter. It turns out that it can be not only sharply directed, but *polarized* as well. And whether our hypothesis on influence of polarized radiation on human mentality and physiology is correct, it is easy to imagine the effect able to be created by crystals emitting such polarized flows. For example, under their influence human consciousness can transfer to another working mode, i.e. retune its band and start receiving information from the information field. And, as we have already repeatedly told, it is possible to receive knowledge on the past and the future, the distant present, as well as works of art and scientific data.

Not long ago researches of atomic nucleus and cosmic space seemed to be the most important and

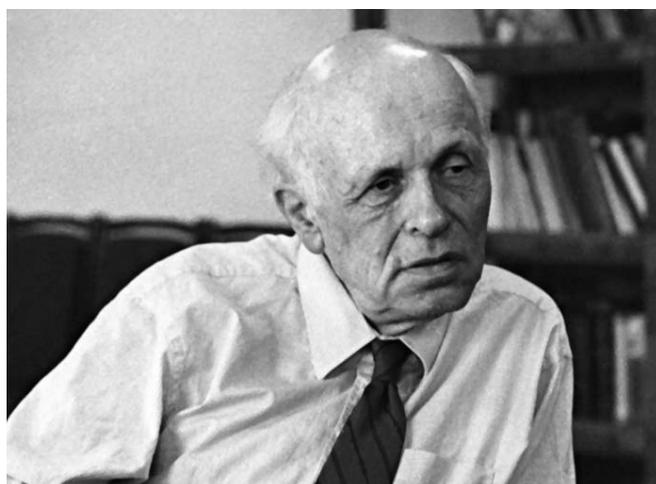
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intriguing. Nowadays our attention is paid to riddles and ability of human mentality. Scientists fixed their eyes on the matter discovered that the “internal Universe” of an individual is not less complex and mysterious as the world around us. Professors V.N.Pushkin and A.P. Dubrov claim that *“in none of material bodies properties and traits of micro- and macrocosmos are interlaced in such amazing way than in a living organism, and they expressed so clearly in nothing but in psychical activity of the human”*.

It is not surprising that representatives of various areas of knowledge are trying to solve a mystery of human consciousness. Those who have been plunged into this problem quite deeply are not doubtful that consciousness not simply reflects, but in much degree forms the world not only in the sense that ideas generated by a person are being realized in technologies, works of art, conflicts or friendship... All these were known before. Now the point is that thoughts or feelings seemingly not shown neither in action nor a word are able to directly influence on the environment and the person itself. Scientists mean this idea when they say that *“the consciousness is a physical reality”*.

This dare conclusion of scientists radically altering our views on the world is a result of doubtless facts, long-term observations, scientific experiments as well... They directly say that each organ, each cell of organism directly responses to human thoughts and emotions. Astonishing events traditionally called as *paranormal* also testify to the fact that our consciousness is able to influence on objects of animate and inanimate nature.

*“We made sure that there are unknown areas in the human. Parapsychology offers us a method of their research... This research has been just started, and we think it will be one of the greatest tasks of the nascent civilization”* (L. Pawles, J. Bergier).



A.D. Sakharov

The time when denial of these phenomena was a sign of good form among scientists and necessary condition of scientific respectability becomes a thing of the past. Doctor of physico-mathematical sciences G.I.Shipov speaks that *“nowadays there is no doubt in existence of telepathy and clairvoyance or that consciousness energy plays a certain role in physical processes”*.

The most astonishing thing is inconceivable power displayed by the human in all that. How amazing are the effects caused by single effort of thought as reduction of weight of items, alternation of internal structure of substances equivalent to heating up to 500°C, conversion of one chemical elements into other, etc. These things are real ones in spite of the fact that they are beyond our comprehension.

Of cause, only a few people are able to comprehend it. However, this is enough to make sure of the richest abilities and reserves of human mentality. Most likely, these abilities are inherent to many (if not to all) of us in a latent form. By the way, the latest researches prove it. For example, doctor of biological sciences S.V.Speransky claims on the basis of long-term experiments as follows: *“Telepathic abilities are inherent to a great deal of people”*. Moreover, it has been already proved that these abilities could be activated by using special electronics – “brain machines”.

*Nature of these events is not clear still, but we ought not to ignore it without a risk to destroy the science* (academician V. A. Trapeznikov).

The fact that paranormal events are rare and hardly explainable by already known conceptions confuses researchers progressively less. They are convinced that events of human mentality *“have certain material basis that not only is able to, but should be discovered”*. Current efforts of many scientists around the world are focused on this problem. They develop new research methods, set up new hypotheses; formulate new conceptions and physical ideas.



N. Bohr

In essence, formation of a new science – *physics of psychical events (psychophysics)* – is going on.

Solution of mystery of mental energy will be not simply a next step towards world cognition. The true revolution in life of mankind will occur. *“Psyche as real manifestation of substance, energy and information, can be a powerful tool in hands of its holder”*. Let’s talk about the simplest and obvious: a person is able to control processes in his own body. This means a transfer to higher physical and psychical health. There is nothing to speak about other nascent prospects... They simply take our breath away!

Each motion, including the one of thought, echoes in the entire Universe. These conclusions were made before the others by the greatest scientists of the gone century. The eminent physicist Niels Bohr (1885 – 1962) told frankly that *“future physics shall include the consciousness”*.

*All Cosmos is rational and full of rational forces.* Eminent scientists have been talking on that for a

long time. For example, academician A.D. Sakharov (1921 – 1989) told: *“I can not imagine the Universe and Human life without some intelligent basis or source of mental “warmth” lying outside the substance and its laws”*. Hierarchy of rational forces is endless. The human is a level of consciousness only, and the Earth is one of its islets that was, is and always will be connected with these forces. And we have to make these connections more conscious and harmonious.

Of course, such ideas are not common property of the broad masses yet. This is the way of thinking of the social elite still. But the process is going on. And any day now these new world view positions will become generally accepted. From the phase of *“it is impossible”* we, as it often used to be, will imperceptibly come to another one of *“everybody knows it”*. When it will happen we will not only stop rushing aside of *“non-traditional”* methods of receipt of knowledge (including from «non-traditional» sources), but will add them to our arsenal as well.