

A close-up, vertical shot of an hourglass. The top bulb is filled with dark, fine-grained sand. A narrow stream of sand is falling from the neck into the bottom bulb. The background is a plain, light color.

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**What is time? How and  
on the basis of what  
it is formed?**

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**Аннотация**

You want to learn, from where undertakes, for what and how your own "now" is formed? Read further, and to you the mystery of own life will be revealed. Still about it only guessed. Now, having come to the key, you will understand for what you live and as it is possible to change the life. No fantasy will be compared to the paradoxes of reality opened and provided here.

# **What is time? How and on the basis of what it is formed?**

Key of secret of time

## **Chapter 1**

**Time as a condition of the finite in infinity for consciousness.**

Infinity more or less strictly is defined only mathematically. The ordinary person cannot imagine sense of infinity, especially infinity of beingness. Obviously, it results not so much from scarcity of his mind, and it is rather, from limitation of the years which are released to him and impossibility to make period of life not so much as infinite, how many is at least a little longer in own beingness. And the person understands that not only to him, but also all mankind the end will come sooner or later. What here infinity! Whether it is worth making a fuss generally?

Nevertheless, it makes sense to address to concept of infinity which is often associated with eternally current time, at least because it is opposed to concept of finite, but is realized in it, not existing in itself. Really, in the world known to us it isn't watched anything infinite – even our Universe is finite. However it is possible to assume that universes can be infinitely many and that each of them doesn't appear from nowhere and doesn't disappear completely, and as if infinitely hesitates in time through inflection point, or a point of singularity. [1]

Such approach is quite laid down in concept, so-called, the

potential infinity known since antiquity. The potential infinity is understood as the infinite sets of objects, as well as processes which can go unceasingly, i.e. without restrictions. However integrity of the infinite subjects and processes isn't considered.

As for actual infinity, the infinite objects and processes which can be uniform and integral, but non measurable are implied by it. Actually the infinite sets and actually infinite-dimensional spaces belong to the actually infinite objects in mathematician. Almighty God is presented to people as the same actual infinity. But insuperable difficulty arises in case of similar representation. It is connected to that if almighty being is able to execute any action, it can execute an action which will restrict its ability to execute actions. Thus, paradoxically, the omnipotence of God cannot be. This problem is discussed for a long time, but its adequate solution is still not found. On the contrary, Russell's paradox was formulated at the beginning of XX century. It is particular case of paradox of omnipotence. Besides, the omnipotence calls in question existence of the people possessing a free will that allows to declare about not controllability of their actions by the creator if, of course, he created them.

So, setting of a question of omnipotence loses sense. In other words, Supreme being can't be omnipotent.

This position fits perfectly in the concept of a uniform, integral, nonmeasurable, pervasive Supreme mind which, at the same time, represents set locally separated in space and time of particles-souls. We can call these souls by consciousnesses. They,

despite the separation in time and space as material objects, are, nevertheless, an entire at the depth level regardless time and space. In this case the similar material Supreme mind can infinitely develop through the particles-souls, or consciousnesses, and not only to develop. He can full-blooded live through them, or to express itself through this community self-conscious beings who are defined in own "now" in interaction with each other in the resisting environment of beingness.

This approach doesn't contradict a holographic hypothesis of universes, on the contrary, it is confirmed by it [1]. Besides, in this case the problem of omnipotence is eliminated as far Supreme mind is in permanent and infinite development and can execute any actions including what restrict it at the moment. These restrictions are overcome in the subsequent development or they are bypassed, doesn't matter because value has only infinite development of the highest, or conscious link of beingness at a support on remaining beingness which Supreme mind takes over through own pervasive particles.

At that the process of development in infinity doesn't mean the infinite progress: it is connected to different changes of Supreme mind for the sake of recognition of itself by means of actions in beingness of its particles-souls which simply live in the finite realities marked by them, in fight, different collisions, manifestations, mental and real creations, as well as sensual experiences, when they make mistakes, rolled back, upset, correct their actions. All this occurs just as in well-known

everybody of usual life, giving thereby the same full-blooded life and to Supreme mind which becomes capable to express itself and in pleasure and a grief, that is in the most various manifestations.

If to assume that infinity of beingness, including and consciousness, is aggregate of permanently changing material objects in the space created by them for this purpose, and this process of changes never comes to the end, but it is the discrete, then similar process in the material world seems connected to time.

The physics already for a long time is engaged riddle of time. At this stage it considers that there is a communication of time and movement. Really, this communication seems obvious so as movement of the material objects outside time is impossible and they outside time, apparently, don't exist. However and time can't exist without the material objects as there will be nothing to move in time. The material objects themselves should have a place for movement, i.e. space.

However the question about the true ratio of time, space and material objects isn't solved till this moment though there is a lot of reasonings on this matter.

In our opinion, beingness in the form of material objects, time and space is represented to us such only because we watch all it as if from within and it seems to us that as well as in our surrounding, there is a common place for everything in which this everything moves, one is replaced by another. On the other

hand, if we assume absence of the observer, then, at least, time as that would disappear so as it couldn't be registered – here's nobody.

So, it is senseless to consider separately material objects, time and space, designating their as properties of beingness, in the absence of observers, or consciousness.

In the absence of observers, or consciousness, beingness which thereby isn't manifested, quite can be zero or conjoint so as it is impossible to tear off space and time from set of material objects. This fact was marked in due time by Parmenides [2] though he read that zero beingness, or a non-existence can't be.

Material objects in itself are space as they aren't incorporeal, taking a place. If they are in movement, it without occasional seat can't happen. Material objects itself are presence, an event for the detached onlooker, that is time. In the same way it is necessary to recognize space as the material object and, at the same time, as an event, because otherwise it becomes as nothingness, i.e. doesn't exist. Events, or time are something happening with something and in something, differently it is absent. So, space, material objects and time coincide, or they are merged, in other words, – they are integrity, breaking up only in the presence of the observer who in the form of consciousness can already not only watch, but act in them.

Besides, this beingness couldn't appear suddenly, no matter, on a divine providence or as a result of "Big Bang" so as then it becomes by the finite structure, i.e. restricted in change,

development: once having arisen, it should disappear. However actually beingness only changes, it doesn't disappear and it doesn't arise from nowhere, at least because beingness is the material, but not incorporeal. So, this beingness should exist, in our understanding, eternally, i.e. it had no beginning, there will be no end also. And actually it can provide eternity to itself with the discrete manifestation infinitely only in the finite. It is difficult to dispute this statement, if only do it by sophisms, because anybody never saw the incorporeal and it is impossible to prove its existence practically or logically. We only may believe in it, as occurs. Even mathematical formulas arise in mind only as a result of the thinking process and, thereby, are the quite material product of thoughts which are also the material, as well as all remaining. Actually, the concept of the incorporeal has arisen only due to narrowness of human consciousness.

The person owing to own finite and finite of everything, really seen by him, cannot imagine origin of the world without extraneous, beyond, so, incorporeal forces. Especially, he isn't able to imagine the infinite and acyclic development, i.e. development not in the infinite series of identical finite temporal cycles as it is presented in Hinduism, and as the infinite, discrete, manifold flow of beingness, without any artificial baffles.

At the same time, many scientists doubt, whether is time generally by objective category. And it is clear so as, taken apart from space and the material objects, time becomes indefinite category and it can be qualified differently, some thinkers even



eliminated or denied it. But, as it was stated above by us, time separately doesn't exist. It, as well as space, is not property of beingness, and beingness itself. Time can arise only in consciousness in the form of the irreversible course of events.

In this regard dispute of scientists about symmetry or asymmetry of time in the Universe is problematic, so as presence at beingness of live consciousness does beingness by asymmetrical on a directivity of the information perceived by each consciousness.

Process of copying of information with the environmental and its processing is updated every instant on quality and amount of information, never repeating: consciousness – not the computer, consciousness is every moment of own time of the person or his "now", arbitrarily or purposefully changes, and it is impossible to recover these changes.

Purposefully or depending on a situation the human consciousness puts questions of myself and gives answers in thoughts, feelings and actions. Thus, this process goes sequentially and it is irreversible. Its mechanism – discrete, but in consciousness this discrete isn't manifested and the person consider that time leaks smoothly and continuously. All acts of the person, or his life are fit in this own time, or his “now”.

It is the most essential feature of interaction of the material objects with involvement of living beings, in difference, for example, from the symmetric interaction of lifeless material objects in case of which there is the continuous exchange of

substance and energy: if one object (objects) loses substance and/or energy, another (others) – acquires according to conservation laws.

Consciousness in case of contact with any objects only copies information, i.e. those data from the material objects which are necessary to consciousness, without changing objects. At this the carrier of consciousness can not only contemplate objects, but also interact with them.

This process is one-sided on directivity for consciousness. It consists of three phases: selection of objects (it can be both conscious, and instinctive-reflex), from which information will follow; copying only of those data on objects which the consciousness can recognize and turn them, thereby, into information; processing and an assessment of the received data; then this sequence repeats. This process goes since the birth to death of the person, without interruption.

Information arrives both from environmental objects and the phenomena, and from the organs containing in the person, processes, database available to him. This process is the discrete, mostly automatic, but it seems to us as the continuous. He reminds the uninterrupted for perception of images on the screen resulting from movement of the film with the fixed frames with a certain speed.

The reality is manifested as a result of copying of information from it in two ways: on the one hand, information goes from feelings – from sight, hearing, taste, sense of smell, touch – the

continuous, changing picture of everything that surrounds the person outside and inside; on the other hand, the information from memory, processed and understood earlier, which was being selected by consciousness each instant by results of perception of separate fragments of the reality is superimposed on this changing picture, for example, the person pays attention to another person and reminisces him; leads car, observing traffic rules; etc. That is the person thereby creates own time, or "now" in which he can live as wants and can.

Process doesn't interrupt even in a dream: consciousness, consuming information, operate in live object always, scooping information from within and outside of a body-carrier, leaving him only after death. Set of the live objects on the planet creating the unidirectional relocation of information copies is considerable, and this process goes on all available channels in the calculation on the total consumption. Significant information is registered and stored for the guaranteed access.

The unidirectionality of beingness changes, which we call time, wouldn't exist in the form known to us for each consciousness without similar asymmetrical action of uncountable consciousnesses in beingness.

People who, unlike all remaining objects of the material world known to us, are capable to recognize this objective process, represent it as future, real, last, supposing that the acquired information can be transferred from the past to the future, changing it. This widespread representation is based on

misunderstanding of the fact that the past and the future can exist only in imagination of the person, but he lives only in own present time.

Only one present time exists really for the person. Therefore he intuitively called it just so. He realizes himself, thinks, feels and acts just in it, but not in the past or in the future: the past arises in his imagination in "now" at the moment of a remembering, and the future the person doesn't know and can only project it in mind too in present time.

"Now" of the person, or his own time consists in moments of processing of the information coming to consciousness in the form of the copies of these or those data which sequentially arrive from the material objects surrounding consciousness of the living being.

Thus, the active echelon of infinite beingness, providing its unidirectional change without which life is impossible, is consciousness. It receives as a result some kind of channel for the infinite development in the finite manifestations. Consciousness sequentially fixes changes of the material objects available to it which part consciousness accumulates, remembering, and uses if necessary. At this processing by consciousness of the acquired information is objective process so as goes automatically and has no relation to imaginations. The material objects, which don't have consciousness, aren't capable to recognize in each other data, necessary for themselves and, especially, to decrypt them. Therefore beingness can be manifested, as that, only in the

presence of the active element – consciousness.

This processing by consciousness of the acquired information the human divides into intervals between any events which he names as periods. The most significant periods for the person are connected to natural cycles: the day reflecting a complete revolution of Earth round its pivot-center, as well as night, day, seasons, the annual cycle reflecting a complete revolution of Earth round the Sun.

"Now" comprises in itself, i.e. eventually, in the human consciousness, restricted by opportunities and resources of the carrier of consciousness, everything, the whole world available to the human consciousness in a form more and more every instant growing information volume, promoting detection and to demonstration of surrounding of the human consciousness. This in itself gradually "burdens" human consciousness and, eventually, the structure of a limited human body doesn't withstand this "gravity" and collapses – life comes to an end. However boundless opportunities of the infinite consciousness allow him again and again "to plunge" into the finite: consciousness continues to live again and again, "dropping" each ended life in "basket" of own immense memory. The same happens and with each human civilization, doing her life inevitably limited.

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