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# The person as the hologram

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## **Аннотация**

Philosophers have explained the world. Thinkers-designers", for example, Marx, have pointed out, how to change the world. And now will know, why to the world not to do without the person.

# **The person as the hologram**

(The basis for art to be self-controlled)

## **Preface**

If to recognize that the person is the hologram in his base, he, as well as any other part of the hologram, comprises everything, what is in this multiple infinite updating picture which consists from finite changing formations.

The person, so, incorporates Everything that is at the basis of beingness, except eternity.

How it can be interpreted?

Apparently, as follows.

Eternity, infinity can come out of its timeless state only through the finite. i.e. through infinite series of durations; in its discrete updates as a result is possible to arrange life and development of what makes activity of Creation by means of interaction of this active with the passive.

Beingness, which content is connection of the active with the passive, is a stable derivative of a holographic projection of Uniform in which the passive can't dominate, i.e. time, space and things (lifeless matter) can't have independent existence.

This stable derivative of holographic projections of Uniform the active "arranges" for itself, manifesting itself through a variety of finite symbiotic formation with the passive (non-living matter) in the life, lasting anyway in the framework of beingness, providing thereby the active.

The highest product of the active in the finite can only be a being who understands itself and who is trying to figure out the rest around itself.

Therefore, the crown of the manifestation of the active in the finite is a being who is able to separate itself from all other in order to look at itself from the outside, to surprise and to try to change itself somehow, the more that there are a lot of things around and the similar beings, conscious its own existence.

This means that the active component of such being receives the most rapid change, experience, new emotions and a variety of subjects for reflection and action.

What else is needed for development? Especially since this individual active (consciousness) can receive the update in each next life infinitely due to the death of the body, which occurs definitely, keeping itself precisely because of its vital activity, in contrast to the passive components of the body decaying as a result.

Each individual consciousness, as and any thing (the passive), too is the frequency wavy structure in the basis, and as well, as seems, has to be subject to deformation, loss of stability and, so, – the loss of own specificity, or quality.

How then it keeps its individual quality in infinite passage through finite formations i.e. is eternal?

Certainly, the frequency disruptions, which change the structure of individual consciousness, happen at update of a holographic projection and, as a result, – in each coexistence of

individual consciousness with a body-carrier.

But, if the thing isn't capable to correct consciously the changes happening to it – at it as the passive there is no aspiration anyway to retain its peculiarity, which it is not aware, a thing has only elementary feedback mechanisms preventing its chaotic disintegration – then any living being, and not only a self-conscious being, by all possible means, which it has enough, clings to life. Thereby, consciousness keeps its main feature – the activeness, or the persistent aspiration to changes in itself and around itself.

Actually, "immersion" of consciousness into the finite, live existence over and over again is also a solution of the problem of preservation itself as the active.

The thing copies fall apart, but in doing so "feed" consciousness, giving it eternal life but discrete life in measurements derived from a projection of Uniform.

Existence in things and among things, and also close to other consciousnesses in the form of the live, on the one hand, allows consciousness to correct the structure of own kernel on the basis of reactions of the surrounding on own actions not to lose ability to aspirations on preservation of the fundamental peculiarity – own activeness, and on the other hand, allows to try to use changes which it is capable to feel and/or to be aware anyway with advantage for itself, but not to the detriment.

The variety of situations in each finite existence to any individual consciousness means finding by it of identity inherent

to only this consciousness among an infinite number of particles of consciousness.

It demonstrates that the person though is the crown of creation, there is only a consciousness tool, finite formation concerning his body.

Complete loss of consciousness (death) turns the person into rapidly disintegrating thing.

Therefore willy-nilly it is necessary to recognize that the specific human personality in life is manifestation of the corresponding individual consciousness in its infinite development, and this personality is inseparable from consciousness.

## **Chapter 1**

**What is a hologram, and whether it can be the basis of beingness and the person in it?**

Group of physicists under the direction of Alain Aspect at the Parisian university in 1982 revealed that in particular conditions the elementary particles, for example, electrons, are able to instantly communicate with one another regardless of the distance between them. In other words each particle knows always that another does, irrespective of distance between them. On this experimental basis the theory of the holographic Universe was developed. Any particle of this Universe is a holographic projection of the single reality. It has been assumed,

as a corollary of this theory, that the physical density of the world is holographic frequency setting, and, in particular, that the person is the hologram.

The physicist of the London University David Bohm deduces the main postulate out of this experiment: "The new form of comprehension probably can be called the Inseparable Wholeness in Flowing Motion". This point of view means that the stream, in any sense, precedes "things", whose origin and dissolution happens in this stream. Bohm notes that "each relatively self-contained and steady structure has to be understood not as something independently and constantly existing, but rather as the derivative, given rise in complete motion of the stream and, eventually, dissolving in the same stream. The fact how it is generated and supports the existence therefore depends on its local function into the stream". As suggested by Bohm, motion is primary; and that seems to us by constant structures, is only relatively autonomous subordinate essences which are appearing out of integrity of flowing motion and then are dissolved back in it. This process of formation goes infinitely. It is possible to believe also that Bohm brought out of discovery of Aspect following: the objective reality does not exist and that, despite its apparent density, the Universe in the basis – fantastic picture, the huge, magnificently detailed hologram [1].

By itself a hologram represents the three-dimensional picture taken by means of the laser. To make the hologram, first of all a photographed subject has to be shined with light of the laser.

Then the second laser beam, mixing up with light reflected from a subject, gives the interference figure which can be recorded on a film. The ready picture looks as senseless alternation of light and dark lines. But, once the picture will be shined with another laser beam, the three-dimensional image of an initial subject will arise. The three-dimension – not the single property, inherent to the hologram. If the hologram, containing the image of apple, cut in half and each half of the hologram shine by the laser, each half will contain the whole image of the same apple. If we continue to cut the hologram on more shallow slices, on each of them we will find again the object image as a whole. Unlike the routine photo, each site of the hologram contains information on all subject, but with proportion corresponding decrease of clearness.

The principle of the hologram "all in each part" allows approaching to problem of the organization and the regularity in a new way in essence. The hologram shows that some things in the Universe do not give in to research by an analytical method: to dissect any subject and to study its constituents. If we cut something arranged holographically, we will not receive parts of which it consists, and we will receive the same, but it will be less accuracy.

In this regard the interpretation of works Aspect by Bohm is as follows: he is sure that the elementary particles interact at any distance not because they exchange by certain mysterious signals among themselves but because their separation is illusory. He explained that at any more deep level of reality such particles are



not separate objects, and actually the particles are extensions of something more fundamental.

According to Bohm interpretation, apparent superlight interaction between particles says to us that there is more deep level of reality hidden from us, higher measurement, than ours, as in analogy to an aquarium. And, he adds, we see particles as separate because we see only part of a real. Particles – not separate "parts", but sides of more deep unity. This unity is ultimately the holographic and invisible. And so how everything in physical reality consists of these "phantoms", the Universe observed by us is a projection, the hologram.

Such Universe can possess and other properties. If the apparent separation of particles is an illusion, means upon more deep level all subjects in the world can be infinitely interdependent. Electrons in atoms of carbon in our brain are bound to electrons of each floating salmon, each beating heart, each flickering star. Everything interpenetrates with everything and though human nature divides everything, dismembers, spreads all natural phenomena on shelves, all divisions are necessarily artificial, and the nature finally appears as a indissoluble web. Even time and space cannot be taken as a basis in the holographic world, because such characteristic as position, does not make sense in the Universe where anything actually is not separated from each other; time and three-measurement space as images of fishes on screens, should consider no more than projections. On it, more deep level, the reality is something

like the super hologram in which the last, the present and the future exist at the same time. It means that by means of the corresponding tools the penetration into depth of this super hologram can be carried out and we can take pictures long ago the forgotten past. That else the hologram can bear in itself – still far it is not known. Bohm speaks: "Let's assume, for example, that the hologram is the matrix giving rise to all in the world, at least, all elementary particles is in it which accepted or will take any possible form of a matter and energy, from snowflakes up to quasars, from blue whales up to gamma rays, i.e. there is all in it ".

Though Bohm recognized that we have no way to learn that else the hologram conceals in itself, he made bold to claim that we have no reasons to assume that in it more anything is not present. In other words, probably, holographic level of the world is simply one of steps of the infinite evolution.

There are other researchers of properties of the holographic world except Bohm. Independently of Bohm, the neurophysiologist from Stanford University Karl Pribram working in the field of research of brain also inclines to a holographic picture of the world [2].

Pribram has come to this conclusion, reflecting over a riddle, where and as memoirs are stored in a brain. Numerous experiments for decades showed that information is stored not in any particular site of a brain, and is dispersed on all volume of a brain. The researcher of a brain Karl Lashley in a number of

decisive experiments in the twenties the last century has found out that irrespective of the fact which a site of a brain of a rat was deleted, he could not achieve disappearance of the conditioned reflexes received by a rat before operation. The only problem consisted that nobody could offer the mechanism explaining property of memory "all in each part".

Later, in the sixties, Pribram faced with the principle of a holography and understood that he found the explanation which neurophysiologists looked for. Pribram is sure that memory is contained not in neurones and not in groups of neurones, but – in series of the nervous impulses, "braiding" a brain just as a laser beam "braids" the piece of the hologram containing all image entirely. In other words, Pribram is sure that the brain is the hologram.

Pribram's hypothesis also explains how a human brain can store so many memoirs in such small volume. It is supposed that the human brain is capable to remember about 10 billion bits for all life.

It was revealed that one more feature can be added to the properties of holograms – the huge density of record. Simply changing a corner under which lasers light a photographic film, it is possible to write down many various images on the same surface. It was shown that one cubic centimeter of a film is capable to store to 10 billion bits of information.

Our supernatural ability to fast identification of the necessary information from the enormous volume of our memory becomes

clearer with accepting the fact that the brain works by the principle of the hologram. If you ask that occurred to you at the word "zebra", you should not shuffle mechanically lexicon to find the answer. Associations to the words "striped", "horse" and "lives in Africa" appear in your head instantly.

Really, one of the most surprising properties of human thinking is that each piece of information is correlated instantly and mutually with any another – one more quality inherent to the hologram. As any plot of the hologram is infinitely interdependent with any another, it is quite possible that it is the highest natural exemplar of cross and correlative systems.

Location of memory is not the single neurophysiological riddle which became more solvable in the light of holographic model of brain of Pribram. Another riddle is how the brain is capable to translate such avalanche of frequencies, which it perceives by various sense organs (light frequencies, audio frequencies and so on), in our concrete conception about the world. Coding and decoding of frequencies is procedures with which the hologram it copes best of all. Just as the hologram serves as some kind of lens, the sending device, capable to turn as if a senseless mash of frequencies in the concrete image, so and a brain, according to Pribram, contains such lens and uses the principles of a holography for mathematical processing of frequencies from sense organs in an inner world of our perceptions.

Pribram's thought that our brain designs mathematically

"solid" reality, relying on entrance frequencies, also received the experimental confirmation. It was revealed that any of our sense organs possesses the much bigger frequency range of the susceptibility, than it was supposed earlier. In particular, researchers found out that our organs of vision are susceptible to audio frequencies, that our olfaction depends on what that now is called as "osmotic frequencies" and what even cells of our body are sensitive to a wide frequency range. Such finds suggest an idea that it is work of holographic part of our consciousness which transform separate chaotic frequencies to the continuous perception. The most curious aspect of holographic model of a brain of Pribram comes to light if to compare it with the theory Bohm. Because if the visible physical density of the world – only a secondary reality, and what "there", actually is only holographic frequency setting and if a brain – too the hologram and a brain only chooses some frequencies from this set and mathematically transforms them to sensory perception, what remains on a share of objective reality?

The theory of the holographic Universe can be only by any approximation to truth, but it, nevertheless, visually illustrates our idea that, being divided into diverse particles, consciousness at the same time remains united. However the opinion Bohm about illusiveness of the Universe is exaggerated because the holographic image of object is impossible without the material carrier. In this case (earth holography) as the material carrier is the laser radiation.

In return the holographic model also shows that consciousness is not brain function, and, on the contrary, the brain is controlled by consciousness, which, thus, in case of death of the brain, does not perish. In holographic reality the thought, eventually, is as well real, as consciousness.

If the hypothesis about the holographic qualities of the Universe, i.e. about a wave basis of the Universe is close to truth, it will be the additional confirmation of use of this reality, owing to its characteristics, as the adequate tool for work, more precisely, for development of particles of consciousness through the living in beingness.

It is difficult to argue against the fact that consciousness exists and that it is quite clearly and effectively expressed in the person.

The fact that the person is the finite – is also unconditional, but any finite is expression of the infinite in it. And if a lifeless stone reflects the infinity of the eternal, but indifferent to all the passive, then such live, self-active, understanding itself in opposition to the rest of the world, not indifferent being as a person should reflect not only a passive molecular component of his body, but also – something else that makes it alive and conscious of itself.

It must be assumed that this something can be only active, and, perhaps, we never learn its true form, but manifestation of which we feel every moment.

If to assume that the person in the basis is the hologram of the frequency passive and active, then the last can't but be the

leading willy-nilly, otherwise it would lose its activity and would "be found" in nothingness, but not in the being, which is capable, undoubtedly, to change also itself and surrounding.

The person, unlike a cobble-stone which only is destroyed, can grow and develop, i.e. in the process he can look for the new, the best and more suitable for him as it seems to him, and to do it quite purposefully, making mistakes, receding, but often and achieving his objectives.

On this way in collisions with things and with similar the person more and more comprehends his environment and himself, without finding, however, full satisfaction in anything and in anybody.

At the same time, each person, as we know, combines two polar properties: he has identity inherent only to him and at the same time he isn't capable to exist without similar. In other words, the person is separate and he also is whole, much like and all other people. Like the ant, which has lost the ant hill, the person perishes if he remains out of contact with people.

This fact allows assuming, that the basis of the person is a hologram which in any own part is whole, and vice versa.

This property of separation and at the same time unity allows each person to be separate, self-active, unique and at the same time – not capable to realize itself and own existence without communication. Similar acquisition of self-consciousness and self-activity in community means for each person in fight and tests purposefully to do what he is still capable of, seeking

to reconcile in this process own egoism (reflection of the peculiarity) with sympathy to people surrounding him which actually is he as whole.

## **Chapter 2**

### **Why to Creation not to do without the person (the living beings)?**

*2.1. Role of the active in the form of the living beings and role of the passive in the form of things in beingness.*

According to the concept offered by us, the active, manifesting through live matter in the form of consciousness, is the leading echelon of Creation, forming beingness from the passive, manifested in it the form of lifeless matter, or things [3, chapter 1.2].

Creation is qualified by modern science as the material Universe (an uncountable number of the Universes) in which there are conditions for formation of living beings from organic matter, and further – of reasonable beings.

However answer to questions: what is basis of Creation; is eternal it or not; how living beings have appeared, i.e. beings with a genome, and also – how the person was formed of unreasonable creatures, science still did not gave, whereas the model presented by us, allows to make it, judging by an opportunity to explain a number of the phenomena which were earlier not giving in to an explanation and along with that did not fall under the scope of



the known regularities [4, chapters 5, 7, 8, 9].

We believe that Creation is not unicity, as well as we consider that Creation can't be presented only in the form of a number of similar Universes. Creation are manifestation of a certain deep reality – Uniform.

Along with that Uniform has a projection in the form of discretely updated frequency wavelike structure – the hologram, the main content of which is the active (consciousness) that is a copy of the active from Uniform.

Discrete updating of a projection by the active (precisely because it is the active) means emergence of "gaps" in infinity and emergence of durations that can be qualified as the prototype of time.

Thus, Creation is not unary, but dual system.

The basis of the dual system is" timeless, infinite Uniform, in which the active and the passive merged into inseparable whole. Uniform "gets out" in time by means of own projection in the form of frequency wavelike structure – the hologram.

Beginningless and infinite process of updating of a projection includes information component: the active from a projection by means of information influence, which it as reasonable, possesses concerning Uniform, inasmuch it is in it in the original together with the passive, has an opportunity to copy fragments of the passive from Uniform according to form-building abilities of particles-copies of the active as the separate, presented in beingness in the form living beings, so also a whole presented

by all set of living beings, i.e., forming own time of each own particle and along with that – the general time of all structure (beingness) thanks to its holographic essence (whole and part coincide).

Particles of the active in a holographic projection of Uniform, thus, copying fragments of the passive from Uniform, unite with them individually and as a whole, and through themselves form the current time, space and things in motion.

Hereby the union of the active with the passive within formed (derivative of a projection of Uniform) a continuum-beingness is manifested in the forms of alive, which is as people and all other living beings in measurement known to us. All of they are located in beingness, formed by single active (single consciousness).

This beingness is manifested in the form of star systems with planets, part of which at a certain stage of development is suitable for existence and development of living beings of the most different type according to the program which is available for them, coded in a genome, allowing to copy itself by reproduction of this or that type. These organisms have the sense organs, information processing centers, they possess ability to reproduction, metabolism, and they don't exist outside communities.

At this each living being according to available at it sense organs and information processing centers forms own time, and all their set, making a whole in a holographic projection, forms the general (external) time [4, chapter 6].

The similar dual system allows to Uniform to appear in existence, and to the active (consciousness) – to live and develop in the finite, temporary, in other words – to develop discretely, but infinitely.

It is clear from this preamble that living beings give in themselves the finite life to consciousness, a break in which (death) means only updating of each individual consciousness.

Along with that living beings are the basis of all beingness without which it isn't capable to exist inasmuch only through them fragments of the passive from Uniform are converted into things, i.e. into material beingness known to us.

Thus, there is no need to guess by what wonderful way was formed the genome without which the living being is impossible and which could self-assembled approximately with the same probability what aircraft carrier with all planes onboard.

Life is a basis of Creation which without it doesn't exist.

Therefore the statement about a life origin from lifeless matter is senseless. Life and things are incapable to exist in beingness independently inasmuch beingness is based on their interaction, being continuous manifestation of the passive from Uniform through the active of a holographic projection of Uniform.

Aggregation of the active and the passive in beingness, i.e. in time, actually, constitutes the infinite, but discrete process of development and expression of the active (consciousness) in the environment from the resisting things (the passive) at the competition of representatives of consciousness in this

environment.

The holographic essence of a projection of Uniform is reflected in beingness not only on coincidence of each particle of beingness with the whole – by all hologram, but also externally expressed in similarity of the simplest structures of beingness and in fractality of its more difficult structures.

Fractality is characterized by complicated similarity of the some kind, more precisely, – by self-similarity of part and whole too: the whole completely or almost completely coincides with the part or parts (has the same form) with dimension, bigger dimension of topological spaces.

Crones of trees, blood system of animals, clouds, snowflakes and many other objects are fractal.

Therefore for bigger clarity in understanding of this or that process or some difficult structure it makes sense to address to analogies on the basis of this similarity.

In this case the state of the living being in Creation can be compared to work of a television receiver in a network (the computer on Internet).

Let us choose for convenience of comparison a living being having the vision.

This being in relation to the visual perception of the environment reminds the television receiver combined with a television camera which (eyes) catches the pulse signals going further to the processing centers (the relevant departments of a brain), converting these signals-packets of information into the

moving image.

Eyes like a television camera catch signals in certain range of frequencies (light). Eyes of the person, for example, don't fix light in the infrared range.

Thus, the person through eyes can obtain only information, predetermined by opportunities of own eyes and no more. Thereby he isn't capable to see the radiations in another range of frequencies and to see the objects reflecting these radiations or radiating them. In this regard, the world (environment) for him is narrowed by opportunities of his sense organs.

People believe, to all appearances, that these signals go from objects, outsiders and independent of them, in the form of light reflected from objects, in particular, and therefore that all people see seemingly same objects before themselves, and they before them do not disappear.

Indeed, exactly thus the world is manifested for us, but it would be desirable to learn that is behind this.

The science, alas, has stopped on the fact of this phenomenon and hasn't gone further, motivating such approach by lack of a possibility of experimental check of what stands behind the manifesting.

Kant called this – the inaccessible for sensations of the person – "thing in itself" (transcendental object).

As for the objects surrounding us, independent existence of objects of strictly certain forms, by which they appear to us, is very doubtful concerning other living beings.

The matter is that beings of different types in own way perceive the same subject within its kind – and concerning its sizes, color, smell, form, permeability and – even in relation to its existence, that is determined by opportunities of a concrete being to convert the arriving signals into the data which is understandable to it from a position of usefulness for his life-activity, i.e. into information. This process of obtaining and converting the information into own surroundings are based on the action of the sense organs and the information processing centers of the organism.

If we return to the comparison of a living being with a TV set equipped with a TV camera (the computer with a camcorder), then, unlike it, for example, the person has no separate external screen monitor on which he could watch both environmental, and himself from outside. Therefore in case of open eyes in front of him has a partial view of the surroundings and own body.

It means that, unlike the screen of the TV, the person shows to himself of himself as if from self in action in own "now".

In other words, the person (any living being) thanks to the sense organs and processing centers forms internally the own surroundings.

At all not eyes create the picture seen by the person – only the unwrought light signals come to eyes. The picture appears then – by combining the pulse signals at their processing in the uniform changing picture in which the person is the main character, transmitting this picture as if outside – like the projector in a

cinema hall directed to the screen.

Thus, on the screen of the cinema hall the image moves thanks to relocation of a tape in a projector with a certain speed, and on the TV set screen the image moves owing to combining and conversion of radio signals from the ether by appropriate programs.

And this materialization of separate frames or separate packets of information is carried out for the person-viewer virtually – in the form of images.

Unlike the similar procedure, converting of wave matter (information packets) from a holographic projection of Uniform in any living being including in the person, into his surroundings, is produced by it not in the form of images any more, but in the form of the material objects of different "density" and various forms using the corresponding matrixes (form-building abilities), creating both the living being, and its surroundings in the framework total time which is a consequence of action of single consciousness in the comprehensive set of the living beings.

Formation of objects of various forms according to the form-building abilities (matrixes), which are available for the living being, apparently, is carried out by the type of operation of 3D-printer known to us.

As a result, around the person (and in it) appear concrete objects in motion, i.e. the environment.

As you can see, both in a television receiver, and in the living

being separate portions of information in the form of pulse signals owing to a delay when processing is converted into a visible, moving picture of objects in time.

Only you are watching movie at screen, separate from yourself, and movie hasn't a direct bearing on you, and own picture you form yourself, although automatically, like any other living being – in yourself.

However all living beings in their variety are connected among themselves anyway, and connected with the things surrounding them.

In the same way television receivers (computers) in themselves don't work. To receive the image on the screen, it is necessary to connect them to power sources and to catch by means of antennas the signals from the general radio space, in which signals (radio waves) come from transmitters.

For living beings this radio space is a wavy holographic projection.

Approximately much like the image on the screen of the TV "undertakes" from the radiation of the certain transmitter (TV program), chosen by the TV viewer through of ether, and the living being "chooses" itself, the adjoining living beings and things (own time, or own beingness) for itself by means of a holographic projection according to the available set of sense organs at this being with their opportunities and opportunities of the centers processing information, bound with form-building abilities this living beings.



However this choice is carried out not from the transmitter, so how outside space transmitter cannot be, but, nevertheless, this transmitter on call is a infinite Nothingness which potentially is Everything (Uniform).

Therefore the specified choice carries out the living being thanks to the form-building abilities which are available for it (they can't but be in the active, being at their absence as the passive owing to impossibility to exhibit itself) by means of own sense organs – by their "contact" through a holographic projection, similar to some extent to radio space for TVs and radio receivers, with this Nothingness, which is similar to some kind of transmitter containing potentially everything.

This nothingness makes sense to call by Uniform, since everything is merged in its infinity.

From this potential everything (Uniform) the active component (individual consciousness) of the living being produces the specified choice of own time (its surrounding), as well as single consciousness on the basis of all set of living beings produces the choice of global beingness in the form of universes with a network of the stars and planets creating as a result a favorable situation for existence of all live.

At this only living beings can be actors in this eternal performance of beingness, inasmuch all the rest in beingness has no the sense organs and the information processing centers, and therefore can't carry out the choice for its existence by determination of the corresponding forms (this choice in each

living being correspond to its form-building abilities). The person, in addition, can carry out this choice upon own conscious desires.

Form-building abilities of each living being correspond to its sense organs, and their automatic action is controlled by single consciousness.

All this wouldn't be possible, if each living being in its basis wasn't part of the total hologram of a projection of the infinite Uniform and did not coincided thereby with it.

Exactly the holographic nature in the basis of living beings allows them to be separate, living every time by own life, having own time, own beingness, and along with that in the set – to be the single being who is eternal both in its singularity, and in each its separateness.

At this, life of a body of the living being comes to the end when the passive component of each living being loses the form, which provides the vital functions of a body unlike the active component of the living being which is capable to keep the own form (individuality), resulting the eternal individual consciousness should "shift" self into a new bodily form after each collapse of the passive components of the body.

Coincidence of everyone separate active in the living being with single active (single consciousness) in the hologram means their indissoluble communication and in beingness. In particular, for this reason single consciousness provides automatic functioning of an organism of each living being.

It must be assumed that the specified analogy will bring bigger understanding offered by us of the model of Creation and a way of functioning of Creation, as well as won't allow to equate this model to solipsism.

Confirmation of the fact of impossibility of self-generation of alive organisms on Earth is that relatively recently were found traces of organisms, at which could not but be a genome, in the most ancient on the Earth sedimentary rocks in the southwestern part of Greenland: it were traces of complex cellular structures whose age is at least 3.86 billion years.

So, most likely, the first forms of life could have arisen as a result of hitting to Earth with meteorites [5].

In other words, how many Creation exists, so much and life exist in development – from bacteria to mammals

As for a genome, then it is based on the program, copied by the active in a projection from Uniform on the molecular chains of a genome in accordance with the form-building abilities, which are available for it, for each case.

## *2.2. Information as the exclusive peculiarity of the active.*

As is known, heritable information at bacteria is stored in the form of a DNA sequence of nucleotides that specify an amino acid sequence in protein. Its own gene corresponds to each protein, i. e. discrete site on DNA, different number and specificity of the nucleotide sequence.

The very same information in a general sense is data about

the state of material objects that are identified by these or other means.

It follows from this that the grouping of these or those data (information) cannot be carried out by objects of lifeless matter.

To identify, to receive (to copy) and to use the desired set of data can only the being possessing, at least, form-building abilities (patterns, tracing, matrices, and so on), means of scanning of the environment, data from which are transmitted to processing centers of this being. This identified information is used in one form or another after decoding.

It means that information in the form of a code of a genome could be copied, compacted as coded program, and placed on the corresponding molecular chain only by a reasonable being, which is able to do it.

Though, of course, and without material objects-carriers including consciousness, information doesn't exist. Generally information arises only at allocation by the consciousness from general "noise" of those data which the consciousness is capable to recognize according to the form-building abilities.

Information arises only in the active (consciousness) thanks to the means which are available for the consciousness carrier – sensations for the person, – being the material copy of fragments of objects from Uniform, identified by consciousness, available to sense organs, products of which is processed by the relevant centers for forming thereby of the current time and things, which are moved in space.

Data about the respective recognized objects from Uniform in the form of separate portions-impulses consistently come through sense organs of the living being to the centers of their processing. Each impulse, thus, contains an information copy of the corresponding fragments of objects from Uniform.

This copy completely updates the previous copy in the course of its processing in the centers of the living being. At this, the existing gap or pause between the impulses, arriving one after another, falls out for consciousness of the living being due to certain duration of processing every portion of information, and of the delay arising thereby, doing for consciousness discrete process of receipt of information as continuous.

This delay (inertia of perception) is reflected in consciousness of the living being by perception by it consistently of separate portions of information which is processed by its centers in the form of ever-changing picture of things among which it is, and with which it can interact.

The living being is in this case as if in the changing picture, formed by its consciousness like the character of a computer game, but with that difference that it self "produces" this "game" by means of sense organs and the centers processing information. In other words, the current irreversible present time emerges for each living being – its "now".

Thus, information arriving discretely (by means of single consciousness) is converted automatically for each person into things, images, meanings, sensations which are also quite

material components for each individual consciousness, which entails the subsequent actions of the carrier of consciousness.

On the basis of this changed information, together with personal and genetic memory and already in many respects consciously produced thoughts (process of knowledge), as well as experiences, aspirations, perception of separate objects and imagination, the person every moment of his present time interacts with environment which as beingness in general is formed by single consciousness whereas through available set of sense organs of each living being is formed its personal surroundings and, partly, the being with the hidden help of single consciousness.

In this regard "worlds", for example, of a birch, an earthworm, a cuttlefish and the person are absolutely various both in thingness, and in temporary manifestation, but they have as the general basis – beingness, which is formed by single consciousness.

All actions of the being, having consciousness, are carried out in this thru process only on condition of inflow in its consciousness of the corresponding portions of information, each of which is processed, putting in certain duration ("now"), making a number of consecutive moments from the birth to death of the carrier of consciousness.

So, eternal, but discrete update and keeping of beingness is produced through the finite living beings who are not only owners of sense organs, but also – owners of consciousness.

This process results from interaction of a temporal holographic projection and timeless, infinite Uniform in the face respectively of the active (consciousness) and the passive from Uniform. At this, information is the bridge which connects them and forms eventually as the world, surrounding living beings, and self these beings. The infinite at this is expressed in the finite infinitely, but discretely.

The active in the form of living beings is essence of beingness and all Creation.

### *2.3. Two types of manifestation of the active in beingness.*

However the active has, at least, two faces.

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