

## THE CENTER OF LIFE 2

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*In articles of the author [2], [3] the version of the organization of a life when it in the big degree is operated and provided from the center of the Earth was offered to consideration. But a problem question is physical communication of organisms with the Center. In [3] the version of communication through complex photons is considered; however the given version remains problem and requires the additional argument. Therefore in present article the role of zero fluctuations of a field of complex photons is considered in the organization of communication.*

*Keywords: complex photons, a field, zero fluctuations, secondary quantization, neutrino, the center of the Earth, the god, religious concepts, philosophy, after death, Mars.*

It is necessary to notice, that in work [2] where the version with a general Center has been entered, the author approached to it as to one of versions, instead of as to only possibility. Its values are:

- a beautiful geometrical picture,
- conformity to religious concepts and philosophies of “objective idealism” (on the soviet terminology); the representative of this philosophy was, for example, Vladimir Solovyov. It is possible to concern to religious concepts doubly: to consider as they display intuitive wisdom of people, or they are simple aspiration of people to have a big owner and a patron helping in this life and providing posthumous existence. Last of two does religions not authoritative for philosophy.

The main delicate point in this outline is a question: how the information is passed from organisms to the center of the Earth and back? In [2] it is spoken: on the channel of a gravitational attraction of an organism. But in fact it is obviously not enough habitual concepts about gravitation: unbelievable, that the delicate information on an organism has reached the center of the Earth on distance of 6370 km at powerful interference and intensive thermal movement. In [3] the version of communication through the complex photons is considered, however the given

version has not removed a problem for the author. In [3] it is supposed that the given photons which have been let out by organisms, by virtue of their complexity will not cooperate with lifeless substance and therefore can reach the center of the Earth. This assumption requires uneasy experimental check, and there is no confidence, that such check will give positive result. Therefore the author has decided to consider process of emission of complex photons in more details.

The method of secondary quantization of quantum electrodynamics defines probability of emission of a photon as size of a projection of a transitive current on the certain state of zero fluctuations of the photons, integrated on all space [4, §43]. The photon passes to this state, doing it nonzero, and extends on it. Frequency of a state of a photon is equal to a difference of energy of initial and final states of electrons divided on Planck's constant. The size of a vector of propagation is equal to the given frequency divided on speed of light.

The given outline describes mass radiation of simple photons when the set of various initial zero states of photons is available. But for rare radiations of complex photons this outline is too rough, therefore it is meaningful to make some assumptions for details of such radiations. According to concept of the author in the beginning of radiation the initial zero state of a complex photon is absent, and the first stage of radiation is a construction of such state. The system form the zero beam conformed to a complex photon, and this beam looks through space for a finding of suitable objective for a complex photon. After a finding of objective a beam become thin, turning to a string, and after this the complex photon transfers energy and the information.

It is supposed that zero beams of complex photons do not cooperate with usual substance and consequently get through it; the interaction occurs when the beam will run into the object similar to a complex photon for content. When the string is organized, the complex photon moves on it not interacting with usual substance. Thus, complex photons can transfer the information between organisms and between an organism and the Center. Last also has a possibility to operate organisms, passing to them the operating information.

The given interaction, probably, generally occurs between cells which in scales of a microcosm are enormous systems. Specifically, operating cells of a brain can participate in information transfers; and more complex structures than cells can participate in this.

In [3] it is considered, how the quantum physics looks at radiation of complex photons – it is very improbable. But for living organisms this position maybe not at all proper. In [1] it is affirmed that one of the main signs of a life is centralization of organisms. The complex photon is a particle, something unified despite of plurality of an internal content; so one can speak about centralization of a photon. This mutual centralization is just capable to raise probability of radiation.

On the basis of the mathematical scheme of quantum physics it is possible to conclude that the electromagnetic field is formed of fields of neutrino and antineutrino. Therefore it is possible that zero fluctuations of a field of photons actually are fields of neutrino and antineutrino. That idea has preliminary character and requires the further maturity.

Further **the citation** from [3]:

In [1] it has been assumed, that after death the organism is reduced up to atom, "clever" atom. Most likely it is heavy atom with big electronic "fur coat" by virtue of what it can let out and accept complex photons. Since such atom possesses creative capacities, it can provide to himself good seat in a biological life: for example, to become the chief of any animal, including man. It is meaningful to add posthumous prospects with other version – it can make the way to the Center and to become on performance of central functions. It is not excluded, that atom career can be helped by the Center if he will find the given atom valuable for evolution.

These versions occur in various religions, but there they are enveloped in mythological, fantastic forms. In the offered approach this problems can be discussed in scientifically-philosophical language and have a possibility of partial experimental check. **The end of the citation.**

And still – **the citation from [2]:**

It is interesting that this hypothesis in part of providing information to organisms assumes the very real verification. It is needed to bring a laboratory on Mars, where analogical earthly conditions would be created for organisms, and to study reproduction and development of these creatures. The special attention needs to be spared to those organisms which are being born without connection with parents, i.e. that reproduce themselves by spores, seed, roe, ova without hatching. It is possible to conclude from this, whether Earth is obligatory for earthly life. An analogical experiment on Lune may not give a distinct answer, as it is in the gravity field of Earth. **The end of the citation.**

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