

**AWARENESS OF HIERARCHY OF HUMAN IN  
PERSPECTIVE OF SCIENE OF HUMAN**

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## **Abstract**

The Hierarchy law as a phenomenon is discussed. The hierarchy law is compared with Dao law. The law effects are illustrated by temporality in scientific and religious pictures of the world Creation. In order to find methods in leaning to be Human the hierarchy law investigation seems to be very important. It is also important for the Science in its entirety. The view at the Human as hierarchical wholeness is offered in attempts to answer the question «Who the Human is». The future of scientific research will be determined by the answer to this question. The multidimensionality and multipartyness Human paradigm as realization of the hierarchy law is briefly presented. The aim of the Science of Human in elaborating new methods of becoming Human while learning to be Human is proclaimed. The awareness of Hierarchy of Human results in necessity of multidimensional Human phenomenon study.

The concept of hierarchy is an inalienable constituent of any philosophical, scientific, religious doctrine. The phenomenon of hierarchy and hierarchical principles of the organization of being pervade all the existence. It is impossible to find a sphere of life without a demonstration of the hierarchy law. If one can find a sphere like that it means our unpreparedness to comprehend the completeness of the phenomenon at this level, but not about the lack of a hierarchy as a fact.

Let us turn to the generally accepted definitions. A conception of hierarchy as "a principle of the structural organization of systems arranging an interactions between levels of being» is good for a specialist in system analysis but not sufficient for a philosophical view. The definition of a hierarchy as an "order of subordination" is not correct at all because the hierarchy implies non-linear hierarchical interactions, but not subordination. It "regulates without suppressing." The above statement refers to the category of Dao, and it is Chinese philosophy which has approached the comprehension of the hierarchy law through comprehension of the Dao law. As well as Dao Law is invisible and omnipresent the activity of hierarchy law is invisible also. The same as Dao spread throughout, the Hierarchy is also deeply running through all things and phenomena and things come from it and receive order. "Everywhere and in everything one can see the action of the Dao but it is impossible to say what It is in itself". This statement concerns the hierarchy also. The Law of Dao is manifestation of the law of Hierarchy.

The law of Hierarchy is a synthesis of all the internal laws of the development of life, human, humanity. It is accessible to our perception exactly as far as we managed to develop ourselves in comprehension of it. Among other things "Learning to be Human" implies the process of knowing the Hierarchy law and recognizing its action in human being as a complicated hierarchical system.

The first step to be done in becoming Human is to accept that the law exists. Let us consider two examples of the "initial" hierarchy of levels of Being.

Was there a Word in the Beginning? Or Big Bang point? Everyone chooses his "correct" answer, based on the paradigmatic picture of the world that he had constructed to himself.

“In the beginning the Father created heaven and Earth... And there was evening and there was morning: day one ... And the Father created the expanse, and separated the water that was under the firmament, from the water that was above the

firmament ... And there was evening and there was morning: day two ...”

Two basic hierarchic structures such as the sky – the earth and the morning – the evening carry the static aspect of Being. The dynamic characteristics of the hierarchy are days of Creation. The temporality of the hierarchy is expressed here, on the one hand, by temporal characteristics, and on the other hand, by the characteristics of Creation.

We see the days of Creation in the form of finite set of natural numbers. Even for the simplest description of the sequence 1, 2, 3, ... in mathematics, there is not quite simple Peano axiomatic. This axiomatic hierarchically introduce each successive number after the previous one. The same principle underlies the ordinal assignment of natural numbers. So the numbers 1, 2, 3 ... are a hierarchy as they are. Moreover, if the Creation is measured in these numbers, they begin to fulfill an entirely another concentration of existence and temporality.

The scientific model of the world creation beginning corresponds to the point of the Big Bang as the point of development of the universe from the singular state. The earliest time period for describing the observable universe - the Planck era - extends from zero to  $10^{-43}$  (a number with 42 zeroes after the comma) seconds with the corresponding state of density and energy of matter. The next stage of cosmic inflation lasts a little longer than the first one up to  $10^{-36}$  second. Its result is the state of the substance of the quark-gluon plasma.

Surprisingly the scientific picture repeats the biblical creation of the world from the point of view of the system characteristics, doesn't it? In the both cases there is time interval as a certain unit of Creation with a certain content and eventuality which are expressed by the characteristics of substance and matter. Intuitively we can assume a higher temporality of the biblical story. But at the present moment we have to rely only on intuition because of unexplored questions of temporality hierarchy in science. The presence of a spatial structure is unquestionable in the two examples under consideration, but space presents there nonlinear, being hierarchically subordinated to time. In other words, the creation process is represented by a temporal system having spatial slices.

Generally, temporality and types of matter, which are conditioned by it, are the beginnings of the hierarchy law at the fundamental level of its existence. The role of philosophy and the philosophy of science in the knowledge of the hierarchy law

can't be overestimated. If the knowledge of truth is the real science aim, then the aspiration to comprehend the truth of the hierarchy law sets a new vector of development and goal-setting of any particular science and the Science in its entirety.

Hierarchy is not a system, hierarchy is something bigger. Hierarchy is wholeness from which the systemality unfolds. Human is also wholeness. Addressing the main problems of the Congress in posing the question of "learning to be Human," we emphasize, that a Human is a hierarchy as a unique Unity. At the same time Human is wholeness, possessing abilities, qualities, receptivity and multitude other characteristics. Learning to be Human and to become Human is hardly possible without the awareness of a hierarchy as the basic law and the creative beginning of a human life.

How thoroughly is the phenomenon of Human in its wholeness studied by science? Teryar de Chardin in the middle of the twentieth century appealed to humanity in aspiration to make human phenomenon the first and most important subject of science research. Attempts to create a unified science that studies all possible properties and relationships inside and outside Human have been made, but in fact, it begins to be born only now as the Science of Human.

The first question having to be asked from the standpoint of philosophy - who is Human? Depending on the answer one can find how to be Human.

Let us compare two definitions: «Human is a subject of the socio-historical process, the development of material and spiritual culture on the Earth, a biosocial being genetically related to other forms of life, but differs from them by the ability to produce tools, to have articulate speech and consciousness, moral qualities»

The second one «Human is the highest biological creature, capable of causing the self-organization of the Metagalaxy and being by this the supreme acme of the Metagalaxy matter».

Obviously, the second formulation of human involves more advanced civilizational methods of human formation in comparison with development of articulate speech in the first case.

The next question is the hierarchy of Human himself or the hierarchical look at Human. Which system organizations of the human hierarchy are known for today? If we do not consider a man as a subsystem in the phenomenon of other systems,

concentrating at him as the only center and focus of the universe, then the majority of people have only two system approaches.

The first regards a man as the subject of anatomy and physiologia with the systematics of cells, tissues and organs. It is a material view of the hierarchy of man.

The second one is well-known as the hierarchy of human needs. It is the view from the position of the spirit, or rather, one of its components. One can certainly say only about these two hierarchical implementations of the hierarchy law. All sorts of classifications, for example, of types of feelings, types of thinking, can hardly be taken seriously from the point of view of the demonstration of the law because their huge number indicates that the law has not been revealed. When the system can really be built, it becomes to be wholeness as an expression of hierarchy law and the system begins to "sound" in a whole-hierarchical manner. An example of such sounding wholeness is the periodic system of elements of Dmitry Mendeleev.

Consequently the answer of science to the questions " Who the Human is" and "What the hierarchy of Human is" determines the future of development of Human and Mankind. Now we are in a such moment in the development of mankind on the Planet, when it is impossible to answer it within the framework of the modern scientific paradigm. But there is imperative to answer.

Let us formulate a conception of Human from the position of a new, very young doctrine of philosophical and scientific thought - the philosophy of Synthesis. Synthesizing the highest meanings, essence and ideas worked out by philosophy, science and religion, the philosophy of Synthesis develops the ideas of Russian cosmism, considering Human in its hierarchical integrity of the micro and macrocosm, introducing the notion of the Metagalaxy as a concept higher than the cosmos and the universe, considering the spheres of self-organization of levels of being.

A direct consequence of the law of hierarchy in the paradigm of Synthesis is the axiom of the set of objective realities organizing the levels of being.

Being a reflection of the macrocosm Human inner world starts to mates with objective realities levels. These levels form the corresponding Parts in the body. Human Parts are not parts of the body. They are built by the higher matter. They have their own specific features of expression, functional and are responsible for the development of certain Human's expressiveness. We know such Parts as mind, soul,

intellect, consciousness, mind, and thinking. The hierarchy determines the hierarchy of a man by his Parts, the development of which depends on the abilities, qualities and all possible parameters of the existence of a man as a higher biological being.

Thus, the hierarchy of Human in conjugation of Parts with the levels of objective reality determines the multidimensional biological phenomenon of Human. In the paradigm of multidimensionality and multipartytness Human becomes a direct realization of hierarchy law who discovers new possibilities of development and evolution for himself.

Multidimensional human paradigm reveals new opportunities for scientific research. Science starts to study Human development in the specificities of each Part and to elaborate new methods of becoming Human.