THE ROLE OF THE EDUCATIONAL SYSTEM IN THE PROCESS OF SELF-ORGANIZATION OF AN INDIVIDUAL

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ABSTRACT

The article analyzes the role and importance of the educational system in the process of self-organization of an individual. It is emphasized that the educational system has a special place in the self-organization of a person in society, that is, self-education, preservation, preservation, protection, in general, the ability to organize man in every possible way. It is stated that the organization of a person through education with self-conscious activity and noble goals depends only on himself. Reasonable education is a potential for a guaranteed future. If we consider a person as an open system, then rational education is recognized separately in this article as a source of energy for the self-perfect organization of this system. In the process of analyzing the issues of society, man, his life and destiny, synergetic as the main condition for the development of any system, it propels the idea that this system should be open, that is, the exchange of matter or information with the environment.

Keywords: education, synergetic methodology, educational process, synergistic analysis.

I. INTRODUCTION.

One of the important ideas of synergetics is the idea of self-organization. Although it was formed in the late twentieth century as a theoretical-philosophical doctrine, its philosophical ideas are traced back to the distant past. Some scientific arguments about this are covered in research. An important aspect of the issue is that in “education system” that we are studying, there are exactly elements of self-organization, which increases the effectiveness of studying the research object from a synergistic point of view. In a broad sense of self-organization, a new approach to this idea is required. After all, non-linear analysis and style of thinking create a wide opportunity for the formation of new knowledge. Ensures being in the right attitude to the issue, eliminates monotony. When we are thinking about self-organization, it is necessary to touch on the concept of “organization”, the goal is exhaustive. When we say “organization”, the layout and process of the location of a particular whole of its parts is understood. Organization is a texture that has a simple and complex appearance, ensuring the unity of the structure and functions of the systems. If the source of the organizing property or the driving force is in the system itself, then the system becomes a self-organizing system, if this texture is formed from the calculation of changing the parameters of the structure and function State to the character of adaptation to the environment.

The process of self-organization in synergetics is an important manifestation of self-movement, without the influence that comes from the outside. At the same time, it itself is the basis of self-management and reflects the possibility of the conditions of existence of a private, territorial part in the universal state. “What is self-organization and its elements?” many scientists have put forward their point of view when it comes to questions of, –he said. With the emergence of synergistic science, new approaches were formed to this issue. Especially in this regard G. Haken, I. Prigogin, I. Stengers, V. V. Vasilkova, L. Bertalanfi, A. S. Axiezer, V. P. Bransky, V. B. Gubin, E. A. Selovs the views of the are noteworthy. At the same time, Uzbek scientists and researchers are also engaged in a number of works, articles, scientific research on the theoretical and methodological problems of synergetic, in particular on self-organization. Including, O. Fayzullaev, M. Abdullaeva, B. Karimov, B. Turaev, Q. Nazarov, N. Shermukhammedova, Sh. Kushakov, I. Hoshimova, Z. Kadirova, O. Bazarov conducted effective research in this regard.
II. MATERIALS AND METHODS:

Professor German Haken described the following as the basic rules that reflect the essence of synergetic:

In his opinion, synergetic should first be based on the fact that the systems under study consist of several or many identical or different parts, and they are interrelated;

- secondly, these systems should be non-existent;

- third, in the study of physical, chemical and biological systems, they should be open and away from the heat balance;

- from the four, such systems are required to be conducive to internal and external vibrations;

- from the fifth, the system can also be unstable;

- from the sixth, qualitative changes occur in the system;

- from the seventh, in these systems, the emergence of new adjectives (emergent) with a jump from the fullness is noticeable;

- from eight, these systems have a spatial, temporal, space-time or functional structure (structure);

- the ninth, their structure can be sorted or chaotic;

- the tenth, in most cases, they can be mathematically [1; 149-b].

Especially in the field of self-organization, the philosopher is a scientist. Fayzullaev's thoughts are worth noting. According to the scientist, "self-organization is an important manifestation of self-movement, without influence coming from the outside; at the same time, it is the basis of self-management; the possibility of the conditions of existence of a private, territorial part in the universal state". Omonulla Fayzullaev will continue his thought in this regard, understand the process of self-organization with the help of examples. It is known that in the personality society, in order to realize a certain goal in social life, it is necessary to organize the processes of activity. This task is usually performed by an organization consisting of one organizer or several people. The task here is the object, the acting subject. This review is also inspired by nature. Artificial nature, as a rule, is formed by man, is formed by the nature itself, the universe itself, stretching from the trace elements to the solar system, galaxies, quasars, pulsars. Olam and some of its parts, systems are self-organizing. That is, the system is formed on its own without external influence. Religious doctrines say that the creation of the universe, man, was made up by God, and the organization of things in May was entrusted to man.

The concept of "self-organization" is an important concept of a systematic approach. The relationship between the components of this concept is not strict, but rather a complex, open, self-developing system with a probable feature (living cell, organism, biological population, people's team, etc. the ) characterize the process of creation, development or improvement. In modern science, self-organizing systems constitute the subject of research of the general theory of self-organization–synergetic.

The task of synergetic is clear: in the inanimate nature, both in the living nature and in the animal world, and in the Society of people, in addition to the organizational abilities of the subject, there is an object of activity, many things will be organized without a human subject.

III. RESULTS

As a result of the emergence of a synergistic doctrine, the postnonclassical landscape of the universe was formed. This is a new approach to the world from a methodological point of view. Scientists, researchers began to think newly about the existence, society, man. Because today, globalism, having a new style of thinking at a time when progress is at an accelerated pace, is a period requirement to study each object of research through the latest methods in every way. At present, the main attention of the methodologies of social science is increasingly attracted by the ideas of synergetic and the theory of chaos associated with it. The emergence of the main theories of synergetic is associated with the scientific activity of Ilya Prigozhin – Nobel Prize winner in Chemical Physics, Belgian scientist. Synergetic is the theory of self-organization, the doctrine of universal legalities, in which the state of the development of complex dynamic systems in non-critical periods can drastically change.
Confirmation of the synergistic methodology caused the development of philosophical views. Synergetic (theory of self-organization) determines the need to limit the state of chaos and order. Until the scientific direction of synergetic arose, it was not divided into non-linear, unbalanced, positive attitude to the turbulent state. It is precisely thanks to the synergistic doctrine that the state of Chaos also plays an important role for progress, for the formation of a new system [2; 294]. In synergetic, stability and interaction of chaos categories are also studied. According to the researchers of this scientific field, any old structure is exchanged with a new one, initially there will be instability, chaos, will undermine the stability of the elements in the system [3; 20]. The same processes in the educational system are also manifested in the view that since the previous years (years of independence) the same old structure has been exchanged with a new one, there has been a constant struggle between poise and unbalance.

According to the synergistic doctrine, even a simple coincidence can be of great importance in the process of changing the state at the point of bifurcation. Based on our research objective, it would be correct to give a brief explanation of its main categories as we study the educational process from a synergistic point of view. To the main categories of synergetic, we can include such prints as bifurcation, flocculation, attractor, dynamic chaos, confusion, enforcement, as well as openness, non-frigility, coherence to its main prints.

The educational system has a special place in the self-organization of a person in society, that is, self-education, preservation, protection, in general, the ability to organize man in every possible way. Every sane person lives in a relationship with the educational system throughout his life. It can be argued that the organization of a person through education with self-conscious activity and noble goals depends only on himself. Hence reasonable education is a potential for a guaranteed future. When we imagine a person as an open system, rational education is a source of energy for the perfect self-organization of this system. In the process of analyzing the issues of society, man, his life and Destiny, synergetic as the main condition for the development of any system, it propels the idea that this system should be open, that is, the exchange of matter or information with the environment. This idea is in harmony with the ideas of the French philosopher Anri Bergson, who was known at the same time as an Open Society [4; 318].

It is necessary to take into account the freedom of the system itself when it is said that self-organization will be carried out without any influence coming from outside. It is necessary to emphasize that when it is said that Self-Movement, organization, self-sorting and development, the reason for the natural transition of the existing system from one state to another is in the same system itself and the idea that it does not need external force is understood. If the educational system gives enough energy, a person perceives it as an open system, and in any person the process of organization takes place in his own way.

Simplicity in complexity, order in chaos, necessity in chance, determination of the future in the past are the main tasks of synergetic. G.Khaken recognizes synergetic as a doctrine of self-organization. In his opinion "it is useful to find a definition of what kind of self-organization is suitable for itself. We call a self-organizing system, a system with a spatial and functional structure, without any specific (specific) impact (not specified), which is given from the outside. As for the specific (specific) effect, we understand the effect that forces structuring or funkstifikation to the system. In the case of self-organization, however, the system undergoes a nonspecific (nonspecific) effect (confronts it). For example, when the liquid is heated from the bottom of the container, it becomes a macrostructure due to its absolutely uniform organization and forms hexagonal yachts " [5]. This means that self-organization takes place within the system. As mentioned in the above example, in order to heat a liquid, it is necessary to heat it for self-organization and transformation into a macrostructure, as well as for a person to organize himself as a person with his place in society, knowledge and education play an important role. It is known to us that self-organization occurs only from the account of internal relations of the components of the object and as a result of collisions in accordance with the history of the past.

Professor Sh.S.Kushakov points out that the gnoseological vein of the concept of self-organization goes to the idea of self-action. According to the scientist, self-act is the source of action, the reason is the action in which something is moving. An organism, a person is a society, a universe and similar systems are “things” that act on their own. From time immemorial, this problem has been discussed, that is, is the source of the movement of the universe itself or outside it? [6; 153].

Philosopher V.P.Bransky, in his article titled" theoretical foundations of social synergetic", comments on self-organization, states: "if he creates a functional self-structure without any external, special effects on the system, then we call such a system a self-organizing system. The theory of self-organization includes all the
The study of the phenomenon of self-organization began in the XVIII century. This is connected with the theoretical research of the founder of the classical political economy, Adam Smith (1723-1790). He described in his work "the essence and causes of peoples wealth" the idea that spontaneous (that is, self-occurring, occurring not due to external factors, but due to internal causes) sorting in the market is the result of the interaction of participants with different, often dependent goals and interests [3; 157]. It should be noted that phenomena, processes in space and time, are also arranged in their own way. B.Turaev explained by interpretation: "the spatial points formed by the body and internal organs of anybody are arranged in such a order that each point has its own fixed place, if this order is broken, the difference between this body disintegrates or the outside with the inside does not remain" [7; 59]. Ranking is also a form of self-organization. All things and phenomena in the universe have come from time immemorial, that is, from the very first moment of its existence, self-organizing has only reached its present state. Objects that could not self-organize were destroyed without adapting to conditions. Humanity has also reached its present civilization precisely because it has been able to adapt to different environments and conditions for centuries, that is, it has always been able to self-organize. It is possible to bring man and other living things as a self-organizing system. Mankind is self-organizing during the reception of matter and energy, information from the external environment, and the influence of those received information or the external environment again becomes information. Through the educational process, a person, on the basis of effective knowledge, organizes himself and presents the information (knowledge) he has received over the years to the developing society. Of course, each individual, through his or her own possibilities, gets the result of his or her education, which he or she receives on the basis of a certain approach, into information in his or her own unique way.

It should be noted that the source of system development, development is self-organization. At the same time, professor as Shh.S.Kushakovnoted, self-organization is a source and foundation that ensures the rationality of the evolutionary process. The self-organizing system is distinguished by the fact that it continuously restores, stabilizes its components from the account of the substance and energy it receives from the external environment, in response to the internal and external impacting renews its structure and function [6; 168-b]. If the educational process is able to give a person enough positively directed energy, a person will be able to find solutions to any material and spiritual problems throughout his life and will be able to protect himself from any negative influences.

From the laws of synergetic, we know that the system under study should be open and have the property of Energy Exchange. That is, once our object under study becomes an open system, then, of course, it can be studied on the basis of the laws of synergetic methodology. We must take into account that when talking about openness, it is necessary to take into account not only the substance and information that enters the external environment, but also the substance, energy and information that exits the system from the external environment. Because we see openness in the system of society in such a situation. That is, information and energy from people living in society also go out into the external environment is also accepted. For example, in the process of education, information is released when one receives, learns, receives information when using educational resources, interprets the received knowledge, enriches it with additional information, and also acquires certain results. Additional information and information will be created. This information, in turn, can also be important elements of the system. Because O.Fayzullaev commented: "synergetic systems are open. Everything from the outside to the open system will not penetrate. Only energy, matter and information’s that are considered active enter" [8; 99-b]. Therefore, the educational process is considered to be energy, matter and information, which are active and important for human life and activity, the future.

When thinking about the open and closed nature of the systems, the ideas of the famous French philosopher Anri Bergson about open society are also worth noting. Bergson believes that "closed society" is based on "static"
(stagnant) morality and worldview, while "open" society is based on "dynamic" (changing) morality and worldview. The first type of "closed" society serves to preserve the personality society only as an evolutionary species, while the "open" society is directed to the next evolution of mankind. The first type of society, when the head enters the street, the second leads to the continuity of life processes [8; 313-b]. As the essence of emotion, man stands above the animal, below the angel in terms of spiritual-spiritual self-organization. Although with these two sides of their essence they are called a parish, and not an animal, nor an angel. They have a superior edge over both. This is directly determined by the fact that he was wounded by God.

In the interpretation of Professor B.A. Turaev, mankind comes from the buds of a synergistic style of thinking from ancient times, although such a style of thinking was not called synergistic thinking. At the root of the synergetic lies the self-development, the analysis of the pronoun of complexity, the interpretation of the essence of the order in disorder, the nonlinear way of thinking, the irreversibility of complex processes in reality, the explanation of the mechanism filling the Energy Reserve from the outside in the open system, the new interpretation of the system and element dialectics. The need to study these processes has forced mankind to research objects that are considered to be truly complex, which in turn has influenced the research capabilities of mankind. The science of synergetic is that thanks to the study of the physical processes occurring in the chaotic moving environments occurring in gases and liquids, where the need for the study of complex objects in micro, macro and mega world arose, new hydrodynamic and thermodynamic laws were discovered and technologies for the research of these objects came into being in a developed environment.

Analyzing the position of the educational process in the self-organization of a person, we can note that the closure of the system of the Society of people leads to stagnation, development, lagging behind development. And the openness of the system will be focused on further improvement, enrichment with new ideas. We must also take into account as that the philosopher K. Nazarov pointed out, synergetic is not only a harmonious and absolute style of science, but also a fruit of thought, which, as a result of progress, changes and improves [9; 236-b]. Although new methodological laws are formed, synergetic also remains the main branch of philosophy, like dialectics.

Based on the achievements of modern science, we can say that the systematic approach is a set of methodological principles (requirements), which implies the study of various objects in science as systems. According to the results of the scientific research conducted by the author of the article, these requirements are as follows:

a) to determine the dependence of each element on its role and functions in the system, to pay attention to the fact that the properties of the whole of the such do not depend on the sum of the properties of its constituent parts;

b) to analyze the nature of the system to what extent its individual components, features and characteristics of its structure are related; it means that the purpose of education is to form a mature, perfect, educated and spiritually competent person in all respects. This process is inherent in all parts and parts of the educational system. This means that the structure in the system is associated with the properties and their interrelation.

c) to investigate the interaction of the environment with system mechanism; this is also the most complex process. At what age, no matter in what environment the educational system develops, it is always studied in relation to the environment of the period in which it exists.

g) to examine the peculiarity of the degree inherent in this system;

d) to provide a comprehensive, multifaceted description of the system; all philosophical descriptions of education, history, sociology, philology, philosophy, pedagogy, psychology, etc. analysis in the system of sciences k determines its character.

e) to look at the system as a dynamically developing integrity. Although the object we are studying does not change at all in terms of form, its transformation from the spiritual and ideological side, its renewal ensures the presence of dynamics of development in the system.

The state of non-linearity, which is examined by postnonclassical science, manifests in objects that have not been studied by classical and non-classical science. It may be noted the formation of the concepts: “instability” “disbalancy” “organize” “self-organizing” that stand for characterizing features of objects. [10; 94]
The concept of "self-organization" is an important concept of a systematic approach. The relationship between the components of this concept is not strict, but rather a complex, open, self-developing system with a probable feature (living cell, organism, biological population, people's team, etc.) characterize the process of creation, development or improvement. In modern science, self-organizing systems constitute the subject of research of the general theory of self-organization–synergetic.

IV. CONCLUSION:

First, the role and importance of the educational process in the self-organization of a person as a certain system is very important, and the analysis of this link as an object of research is one of the topical issues of today's era.

Secondly, the analysis of the life of society and the position of a person in it with the help of the categories of synergistic methodology leads to the approach to this process as a multilateral, multifaceted, complex and open system. And this creates the basis for the development of education, serving for the future.

Thirdly, in any state, in the development, development of any society, in the determination of its future, of course, the development of Science and education much attention will be paid. Science and education serve as the basis for a prosperous future. In this regard, in a period of rapid progress of reforms in Uzbekistan today, the orientation of education to human perfection has an effective result for the development of society.

Fourthly, the orientation of the elements of the process of self-organization through the system of education to the fullness of man is one of the requirements of today's era, which in turn reveals the importance and value of self-regulation, self-preservation, preservation, self-control, and self-organization ideas for the development of mankind, society.

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