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**THE PLACE OF RATIONAL AND CREATIVE THOUGHT  
IN TURNING THE VIRTUALITY INTO REALITY****F. N. Usmonov, teacher****The teacher of Samarkand branch of Tashkent University of Informational  
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**Summary.** In human thinking images of objects appear in virtual form. And then presented through rationality. Rationality is essential in the daily, scientific, theoretical practical knowledge of man. Knowledge of every human being itself is developed and presented at the base of rationality. For converts virtuality into reality, it is believed that rationality has the greatest capacity than irrationality, mythology, sensationalism and skepticism.

**Keywords:** rationality; virtuality; reality; creativity; irrationality; cognition; invention.

It is happening great changes in whole world in the period of globalization. Particularly, XXI century came into being incomparable developed, communicated, postindustrial society in human activity. On its basis, stands rational activity of human. Human is carrying out many inventions and discoveries that are based on science and scientific learning. Human thought create various ideas, outlooks, notions and doctrines during perceiving the actuality. Likewise, it is worked virtual model of objects and occurred in human thought. Having importance rationalization and creation in turning virtual model into reality. So then, «Rationalization is activity directed for certain purpose and using means which attains to it».

Virtuality comes from Latin «virtus» – that means suppositional, vital, living. Virtuality means incomplete occurrence and existence. The term «Virtuality» using together with computer technologies (virtual memory), it is submitting to many other branches of life. For instance, in quantum physics (virtual electrons), in controlling theory (virtual office, virtual management), in psychology (virtual ability, virtual state) and etc.

Existence of virtual problems brought forming out the conception of virtual reality. In modern science «virtual reality» transformed into such conception, it is indicated

the summery of farther level objects by its means. Creator of these objects are equal and autonomous with constant reality. Here, the existences of them are required fully with continuous reworking of creator reality.

Summing up with this process, the objects of virtual reality are disappeared. Generally the virtual object is not substantial position but it exists in real position. At the same time, it is not potential but actual. Virtual reality is incomplete occurrence and being (S. S. Khorujiy). In present day philosophical literature. According to the wide spread point of view the philosophical-psychological conception must be filled with following theoretical conclusions:

- 1) the object of scientific research must be realized as a paleontological reality;
- 2) consists of creation virtual reality objects and relations of different objects in different levels of mutual influence.

Virtual reality objects are permanent actual and real, virtual reality can create the next level another virtual reality. Working with the notion of virtual reality requires denying the concept of single reality. Farther creation process of virtual reality is endless. Human transforms virtuality into reality by rational thought Transforming virtuality into reality is a creation. In the process of learning has special importance.



Creative process consists of such determinants as inspiring, imagination.

It is important be carrying out and developing of creation, rational thinking of a person on transforming virtuality into reality, be carrying out according one's aptitude activity in philosophy. Such activity supports permanent development of creative thought. Human learning is a complicated open system and enriches with methodological approaches, tendencies, new notions.

Creation-according to its importance is invention and discovery.

Plato «Being created from nonsense is Creation». M. N. Abdullayeva explains «Creation is an activity». Invention, creation opening objective, peculiarities, legalities which is unknown to science, inserts basic changes to the system of knowledge. At the same time new things appears in the process of creation, human changes himself.

Invention gives human an opportunity thinking differently, glancing in a new way, seeing the world absolutely in other way. Human imagines the world, occurrences in other, new way because a great invention, scientific imaginations changes the system. It is not possible to invent with the help of usual notions. Invention-is a creative activity and it is not possible to attain it by working diligently relying on certain and descriptive procedure; relying on vertical passion impulse which was hard to describe, we must settle the break between problem and it's salvation. It is required to be independent from thinking traditionally on its initial stage such as invention, discovery. The basic of such thinking independently is dreaming, intuition. Invention establishes characters, occurrences, legalities which was unknown to the science before, changes the existent scientific learning basically Discovery is based on invention. Its function is create (movement of algorithm, ECM, invention of internet and etc.) of invented or known laws, new systems, separate components.

When we speak about Creation – is realized creator activity of a person or society on sphere changing natural, social and spiritual world in suitable manner of human's

goal, functions, demands, intentions, possibilities [6]. The influence of will of subject in active being and creating novelty in constant way is reflected in creative activity. Human consciousness not only observes by creation the surrounding world but also plan the/her virtual model by creation.

In general, Rationalization play an important role on creative ability, forming and improving creator and establishes creator's spiritual figure.

On the basis of stability and power of creative ability, ideological trend, great intention of human, exists comparatively insistence to oneself hand one's attitude to life. The powers of creative ability of persons are very close with their consciousness, thought, mind, and belief.

Feelings' which appears in creator cause of different influences, creative mood form source of energy of creative ability. Because of creative process new ideas, outlooks, theories rule in the heart and mind of people, and this resulted with development. «Creation enthusiasm call human to be active, that's why person becomes present day human, because, now person tries to act only forward.

It is important the result of knowing theoretically in Rational thought.

Main point of intellectual activity is determined independently by cognitive creation. Here, the theoretical thought takes a shape intellectual intuition. Their goal and results are structured in «ideal objects» as a main type. The world of ideal objects estimates the theoretical levels in empirical learning and shows in ontological basis. Inner connection of Rationality embrace direct rational learning, religious-mythological, artistic-aesthetic aspects of outlook. It considers not only important problem as problems being, absolute, universum, in rational learning of human outlook but also it must be elucidate possibly and learning philosophical ability. Level and opportunity of learning the world and oneself is firstly depends on the level of social condition, the power of manufacture and their needs, manufacture relations. Level of persons' learning in different social-economical period is defined with the way of



manufacture in society, functions, volume and level of technology development, science development. Human don't restrict learning himself/herself and the world but assimilate the nature, society, his mind, his spiritual world, development and changings through the learning and also tries to change through rationalization creating virtual image.

The important role of Rationalization is getting new knowledge. New knowledge is the result of human intellectual learning. Rational thinking must engage in repeating, reconstructing, reorganizing and building during studying the objects. They have responsibilities: different procedures, reorganizing, and it is not possible to be rationalist at once [9].

Rationality is absorbed fully into philosophy, science, human life and it's opportunities is estimated higher than irrationality. Because, human's surprisingly learning doesn't give result every time. In rationality position is under conscious every time. Well, sometimes unknown occurrences are solved and are proved logically by irrationality. When will be find the solvation of problem in irrationality.

Nobody and never knows it. For instance, Mendeleev's Periodic table was created in irrationality way. None can deny it. In this sphere Rationality acts in sequence explaining the main point of things and occurrences. For instance, Democritus's atomic theory, Aristotle's logic, Khorazmiy's algorithm, Farghoniy's astrolabes, Beruniy's geodesy and mineralogy are created in rationality way.

Today, it is indicated that modern computers are clever than opportunities of people learning in the result of development of techniques and technologies and they are fast, exact on working, preferable with big memory than human's memory. Such kind of idea made Penrose think if people's mind incapable of accepting some calculation works. Penrose explains briefly like this, computers fulfill all operations. Main point of calculation ideal is used in Tyrinch machine-that is existing mathematic worked computer (in respect of theoretically modern universal computer); this idea never promise endless memory and to work how much

we need [10]. Modern computers carry out correct calculation all of them and can do all operations: mathematic calculation, chess play or any kind of work. Using in practical activity, Veber calls it purposal rationality, «Activity is higher or low consciously and directing purposal rational can be more or little» [11]. In more aspects human's rational economical activity, having material values related with «external» objects [12].

Coming to the conclusion human live in rationality between constant and virtual reality. Rationality is important in agenda, scientific, theoretical, practical learning in humanity. Every person's learning is based on rationality, reworked, and submitted. Rationality is higher than irrationality, mythology, dogmatism, skepticism, sensualism, in turning into reality of virtuality of human mind with the result of creation and ideals «non cooked up» yet, which is standing in human thought. Like this, virtuality is seen through rationality and creation.

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