

FEATURES AND SCIENTIFIC FOUNDATIONS OF THE BERUNIAN NATURFALSAFA

Umarova Rozigul Sheraliyeva,

Tashkent State transport University,

"Department of Social Sciences"

f.f.n., prof.v.b.



Annotation: *In the article, we will move on to the analysis of Beruniy's views on the features and scientific foundations of his naturfalsafa, first of all, we must assume that "the work done in the field of geography, the effective scientific research of the Ma'mun Academy, has been taxed.*

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Moving on to the analysis of Beruni's views on the features and scientific foundations of his naturfalsafa, first of all, we must assume that "the MA'mun Academy is marked by the work done in the field of geography, mainly Beruni's work. He carried out effective scientific research on this aspect of science. In terms of accuracy, the globe made by the scientist still serves as an important guide in the field of Science today. Berunius 'scientific work in Urganch covered several areas of geography, including natural geography, hydrology, Mineralogy" .

The importance of berunius's scientific views on nature and matter can be seen in the scientific research of the great scientist in the disclosure of the secrets of nature, as well as his practical conclusions in the analysis of matter, which were determined and proved at that time, and later, in his views, which became the foundation in his scientific heritage. In particular, we can clearly see in each of his works the formation of his scientific views, his worldview.

The berunian worldview, combined with the teachings of the time and forming a whole, served to strengthen the philosophical direction of this period. According to modern philosopher scholars, Berunius's approach to every change or factor in

nature and life processes from his own personal point of view, unlike other scholars, has made his scientific research orderly, based on certain principles, which now amazes most philosopher scientists. Because he seriously studied the creativity of each scientist and enriched them with new conclusions.

Berunius, in his "monuments of the ancient rings", argues that nature has divine power, which a person perceives and understands only through his own sensory organs. On the basis of his philosophical views, there are such concepts that sharpen the minds of people, which directly scientifically - practically confirm the views contained in the divine book-The Qur'an, regarding the definition of the forces of nature, and find their expression in a popular way. An important scientific conclusion is his view that "there is an invisible force of nature that alone governs all change and innovation in nature". He considers that "nature is governed by some kind of" natural force", and only it contains the process of material existence, its laws". Therefore, in every word in which his concept of "nature" is used, it is justified that first of all it is necessary to trace the phenomena that occur in nature from nature itself, and such a procedure is directly followed by it itself.

Berunius attempted to explain some difficult-to-understand phenomena that some scholars of the time could not interpret. This is confirmed by the following thoughts: "if they cut a tree on such a day, a worm will not fall on it, ants will eat the Hatto ones too, again "it is forbidden to drink cold water before going to sleep on the 20th of the month, otherwise the human soul will be possessed and walked to what it says", or "on the sixth of the month, all "All this is in nature itself, that is, in the elements that make it up, "Abou mashhar agrees with his view that "nature is above all".

When we studied the features of the berunian naturfalsafa based on the scientific data presented in such works as "Geodesy", "minerology", "India", "Al law al Mas'ud", the scientist wrote in his works that the Earth is spherical, the waters on its surface (the level of the oceans) are in a round State. In different parts of its

Earth's surface, landmasses slide and "move". The lines that the mountains change, goh erupts and falls, goh rises again, were genial thoughts for the time. In particular, about this, he writes in his work "Geodesy": "we do not know the conditions of the wound of the world beyond the result of ancient observers, on the second hand, it takes a long time to acquire this knowledge. For example, high mountains, as if formed by colored stones, were attached by an alloy of sand and clay". The work shows that sapalak stones gather at the bottom of the river and accumulate in huge numbers. Between them, sand and soil will leak out, mix with it, and the stones will be buried. Sapalak remains at the bottom of the water, as before it was not on Earth. Saplings turned to Stone as a result of frost. The petrification of most mountains is mainly due to Frost. Because of this, the stones melt in a fire, nimaki, combined with cold, separate with hot, nimaki, combined with hot, separate with cold.

If we come across a mountain formed from small smooth rocks, we know that this mountain is formed in the same way as we have described it. These conditions require that the quantity and quality, unknown change processes over the long term be responsible. Thanks to them, the Living-Living part of the land is in motion. When pieces of land alternate from one place to another, at the same time their weights are also in the equilibrium position of different terrain on the edge of the Earth. When its center of gravity is at the center of the universe. Do you need to lose such harmony in the ground? To do this, its center of gravity must vary in accordance with the alternating pieces.

Conclusion: Berunius viewed being as an objective reality in the study of natural phenomena, testing, coming to a conclusion after examination was his primary mode of work. "I can't believe it until I check it out" was his slogan. This method was used by Berunius 600 years earlier than the English scientist Bacon.

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