

## PHILOSOPHY

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### **Genesis of materialistic ideas of the origin and evolution of universe and its modern significance**

It is considered the genesis of ideas about the origin and evolution of the world, the first scientific searches for fundamental principles and elements of universe. It is analyzed the early forms of dialectical thinking and how it was used to explain the natural phenomena and process of evolution. Special attention is paid to the interrelation of elemental materialism with the preceding mythological tradition and with modern scientific studies that relates to examination of the origin and development of the universe. Implying examples from the modern researches in the field of evolution, physics and mathematics, it is argued that a number of ontological concepts of philosophers and scientists of ancient Greece still have their scientific significance and relevance. In this regard, the necessity of cumulativeness of scientific development, the dialectical integrity of tradition and innovation, and the improvement of scientific interdisciplinary is proved.

Key words: the origin of the world, naive materialism, basic elements, dialectics, abstract thinking.

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