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# History and Philosophy of Science



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This manual for master students presents material on the main historical periods of the emergence and formation of scientific knowledge, and also provides a philosophical analysis of science. It also considers the intellectual activity of scientists and thinkers who, in the process of long searches and accumulation of knowledge about the surrounding reality, tried to see in nature certain regularities, a kind of deep expediency and natural beauty. Scientific searches of scientists are described in inseparable connection with the peculiarities of the historical and cultural environment in which they lived and worked. The scientific material is presented in the strict logic of the development of science and its connection with other forms of social knowledge.

The manual is addressed to a wide circle of ones who are interested in the emergence of ideas and concepts, the development of theoretical and rational knowledge, the foundations of ontology of the universe and, in general, the history and philosophy of science and its issues.

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