PHILOSOPHY (specialty 09.00.14)

Vodenko K.V. Problem of scientific reason and religious faith correlation in the works of naturalists

Anti-science ideological tendencies in classical, nonclassical and postnonclassical science are analyzed in the paper. It is concluded that the philosophical signification of quantum mechanics is in that it has pointed at the limitation of human cognition and has opened the way to the discussion of close interrelationship between scientific knowledge and nonscientific knowledge. Natural scientists began to criticize the basic postulates of science (the outwardness principle, the rational organization of the Universe and the ability to cognize it, the verifiability principle, the problem of veracity of scientific knowledge and etc.) and outlined the application of the principle of complementarity to the problem of the relation between science and religion, reason and faith.

Key words: science, physics, religion, uncertainty, complementarity, criteria of scientific knowledge, unity.

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