

PHILOSOPHY

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The development of information epistemology in the context of the problem of development artificial intelligence

The main aspects of the development of information epistemology within the framework of the actualization of the task of developing artificial intelligence technologies are considered. The methodological basis of the research includes analysis and deduction. Separate theoretical principles of critical rationalism are applied, which is considered as one of the ideological foundations of information and epistemological discourse. The results of the study include substantiation of the relationship between the level of knowledge of the structure of human thinking from the perspective of cognitive sciences and the existing theoretical and methodological foundations for the development of artificial intelligence. A conclusion is formed about the complementary nature of technological processes that determine the prospects for the development of information systems and the process of developing the theoretical basis of information epistemology.

Key words: information, technology, artificial intelligence, epistemology, information epistemology, innovative developments.

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