

BASIC METHODS AND APPROACHES TO ARTIFICIAL CONSCIOUSNESS MODELING

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Annotation. The article provides a brief analysis of some methods and approaches to the modeling of artificial consciousness. Some approaches to the definition of consciousness in philosophy, psychology and neurobiology are presented. In particular, functional and neurobiological models of consciousness are considered. Some approaches to artificial consciousness modeling are presented. The considered models fully satisfy the purpose for which they were created, however, none of them yet shows the real creation of personal preferences acquired and processed through the agent's body and emotions, which are considered the basis for the creation of a potential artificial consciousness. This area of general artificial intelligence is actively developing and there is still no unified theory of the fundamental principles and methods for creating intelligent systems that are conscious, capable of understanding their actions and goals, as well as self-awareness.

Keywords: artificial intelligence, consciousness, artificial consciousness, robotics, simulation

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