
Review article
Received on May 6, 2018.

MARIJA PUTICA
Faculty of Humanities and Social Sciences, University of Mostar

ARTIFICIAL INTELLIGENCE: DOUBTS OF THE CONTEMPORARY DEVELOPMENT

Abstract

The paper presents artificial intelligence from the standpoint of clearing the doubts that lie ahead of its contemporary development. For centuries, in the works of great thinkers, there has been the idea of building a machine that will be able to construct a perfectly logical language through rational mechanical processes that would allow the overall opinion to be reduced to a simple calculation and the various discoveries were made as a result of the conducted research. The theses of strong and weak artificial intelligence have been elaborated. The abandonment of the standard Von Neumann's computer architecture and the introduction of artificial neural networks are the path leading to artificial intelligence. The idea of artificial life and doubt in the future development of superintelligence, whose development has created all the essential assumptions, were observed from the point of view according to which human perception is much more than the logical structure of algorithms.

Keywords: artificial intelligence; intelligent machines; the nature of intelligence; artificial life