

PHILOLOGY

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The concept of artificial intelligence in technical texts (based on German and English)

A brief overview of trends in the interpretation of the concept of artificial intelligence in the works of Russian and Western researchers in the field of computer technology is presented. The concept of artificial intelligence is considered as a complex system endowed with the ability to solve complex logical problems and possessing five characteristics: the ability to independently search and analyze information, follow programmed algorithms, and imitate simple human behavior. The analysis of dictionary entries dedicated to the concept of artificial intelligence, recorded in modern explanatory German and English dictionaries, is carried out. During the lexical analysis of German technical texts containing the concept *künstliche Intelligenz*, positive and negative connotations of this concept were identified, examples of compatibility in the context were described, complex words containing the abbreviation *KI* (*künstliche Intelligenz*) were recorded.

Key words: lexical analysis of the word, artificial intelligence, *künstliche Intelligenz*, abbreviations, technical German texts, neologisms.

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