

ARTIFICIAL INTELLIGENCE - ADVANTAGES, RISKS AND POSSIBLE THREATS

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Abstract: *The author considers that the subject of this article can be of interest to IT&C specialists from all states and private entities, as well as (and especially) to the Romanian Armed Forces. A focus on the field of Artificial Intelligence (AI) would also be beneficial for the Romanian governors, as a basis for the foundation of future development policies in several areas of economic, education, health, defence sectors, etc.*

Anyone can access various sources of information on the field of AI by using an applied Google search, where one can find dozens of book titles and articles on the subject matter, documents designed by renowned specialists from around the world. A major difficulty is the multiplicity of sources of information, which could discourage those interested due to lack of time, given the current tasks they have to deal with.

The article is only intended to open up the interest in a field with explosive development in the last few years and with complex predictions about the advantages of AI, some risks and possible threats, all of which being currently on the agenda of politicians, specialists and technology companies all over the world.

Keywords: *Artificial intelligence (AI), possible fields of activity, possible risks and threats, use of AI in the military field.*

1.A Brief History of Artificial Intelligence (AI)¹

The concept of Artificial Intelligence (AI) dates back to 1950, when computer scientist Alan Turing published his paper “**Computing Machinery and Intelligence**”, which proposed a test to determine whether machines are capable of thinking like humans. This work laid the groundwork for AI research for years to come.

Artificial Intelligence has come a long way since its conception in 1956. From early applications in robotics to modern AI-powered virtual assistants, AI technology continues to shape and evolve the way humans interact with the world around them.

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¹ „O scurtă istorie a inteligenței artificiale”, available at: <https://tengen.ai/ro/o-scurta-istorie-a-inteligenței-artificiale/>, accessed on 25.11.2023.