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### THE DANGER OF ARTIFICIAL INTELLIGENCE

Artificial intelligence (AI) is an area of computer science that focuses on the creation of intelligent machines that work and operate like humans. Today it has become an essential part of modern technology. As we can see, research associated with artificial intelligence is highly technical and specialized. But consequences of this "complete" technology can be lethal.

High risks of AI are widely debated, and depend on differing scenarios for future progress in computer science. Concerns about superintelligence started to go mainstream in the 2010s, and were popularized by public figures such as Stephen Hawking, Bill Gates, and Elon Musk.

This theory is known as "Existential risk from artificial general intelligence", according to which a great progress in the field of artificial intelligence (AI) could someday result in human extinction or some other unrecoverable global catastrophe. The human species currently dominates other species because the human brain has some distinctive capabilities that the brains of animals lack. If AI surpasses humanity in general intelligence and becomes "superintelligent", then this new superintelligence could become powerful and difficult to control. So, might the fate of humanity depend on the actions of a future superintelligent machine.

Stephen Hawking says that the early stages of artificial intelligence look promising and more positive. The technology so far has already proved to be very powerful and useful. But he says that there is a fear about artificial intelligence, because the day it will match or surpass humans, things will probably go wrong.

"It would take off its own and redesign itself at an ever-increasing rate," he said. According to Hawking, "We cannot quite know what will happen if a machine exceeds our own intelligence, so we cannot know if we will be infinitely helped by it, or ignored by it and left out or conceivably destroyed by it" [3].

So, what can you imagine when someone says: *artificial intelligence*? Do you see the cute little Wall-E and his fire-powered consort EVA or an army of

mechanized marauders trying to take over the world and turn us into batteries? AI is no longer some alien concept for science fiction shows, but a reality of today's world. So, we need to be careful and don't forget, that with great power there must also come great responsibility.

#### References:

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## **COMMUNICATION SYSTEMS IN EVERYDAY LIFE**

In the digital age information circulates at an increasingly vertiginous rate: data, photos, music, and videos are continuously exchanged. Communication networks allow information to circulate across the globe in the blink of an eye and have placed the world at our fingertips.

Communication systems have had a huge impact on modern life. They enable us to transmit information quickly and effectively, allow to communicate with each other from different points of world and make life easier. Furthermore, with the help of communication systems firefighters, police and paramedics can coordinate their efforts with other government officials.

The types of communication systems are classified according to the following factors: media (e.g., optical communication system), application area (e.g., Emergency system), and technology.