

ARTIFICIAL INTELLIGENCE AND THINKING MACHINES

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Nowadays, many minds are worried about the question: can machines really think, whether artificial intelligence (AI) is able to adequately compete with human. Let's try to understand this issue.

So, machines are able to make almost ideal decisions based on a variety of factors, that can already be called thinking and intelligence. AI is able to quickly make the optimal correct decision in a critical situation, based on analysis and numerous algorithms. An example of this is the monitoring and analysis systems at large enterprises, research centers, an autopilot in Tesla, and airplane on-board computers. Also it is worthy of note that machine is able to perform actions faster than a person at times, does not give in to emotions and does not get tired, and, therefore, can work much more productively and efficiently than human.

But so is it really? Indeed, in the near future you can entrust most of the processes to machines, and in the future you can independently make important decisions, and retire yourself?

Our opinion is "no". Undoubtedly, machines are necessary for a person - they perform a large part of heavy mechanical work, which freed us from hard and not interesting exhausting labor. Complex and precise mechanisms are needed in research work, in medicine, in pharmacology, and in many other industries. There are really mega-systems that can practically independently control many complex processes at the same time. You can talk endlessly about the benefits of machines for mankind, We are not going to belittle the advantages of scientific and technological progress, but the work of machines of any complexity should be carried out under the human control. There are no perfect computer systems that cannot go astray, break and something go wrong. And a real problem can only be assessed by a person with his thinking and analysis. People are also irreplaceable in areas where lively and warm communication (communication) with living people is necessary - in the field of medicine, hotel and restaurant services, etc. There are no robots that are an exact copy of people - they are immediately noticeable, and human emotions like joy, compassion, respect cannot be faked.

A person does not give up his positions in the field of creativity. Yes, computers can create pictures, write text, music, literary work. But they will not have a soul! There will not be everything for which we love such creations so much and that causes genuine delight and admiration.

We agree that every year more complex systems will be created and robots will improve. And that is great! Humanity will be able to devote more time to everything that is

simply not enough resources in the cycle of affairs - hobbies, rest, relationships, learning interesting things for itself and improving skills in any business. We are for a reasonable approach and control, and also for the development of people. After all, if all functions are transferred to the world of machines, then we can face the problem of human degradation.

References

1. Пять причин почему ИИ не сможет заменить людей, а сделает нас только лучше. URL: <https://habr.com/ru/post/479078/> (Last accessed: 26.04.2021).
2. Почему искусственный интеллект не может заменить человека. URL: <https://eusp.org/news/pochemu-iskusstvennyj-intellekt-ne-mozhet-zamenit-cheloveka> (Last accessed: 26.04.2021).
3. Заменит ли нас искусственный интеллект? URL: <https://nplus1.ru/blog/2019/09/03/will-AI-replace-us> (Last accessed: 26.04.2021).
4. Живой человек и умная машина. URL: <https://rg.ru/2021/02/18/reg-dfo/pochemu-iskusstvennyj-intellekt-ne-smozhet-polnostiu-zamenit-cheloveka.html> (Last accessed: 26.04.2021).

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