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The Problems of Creating Artificial Intelligence

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The concept of the formation of Synthetic Mental Abilities (then artificial intelligence or a Car) has been around for a long time, but humanity, despite all its aspirations in this direction, cannot yet solve this problem. First of all, let's understand the terminology. Unnatural mental abilities (artificial intelligence – this quality of the mental concept to carry out such functions and tasks, which, as a rule, are characteristic of intelligent beings. This may be a manifestation of some creative abilities, the desire for reasoning, synthesis, learning based on previous experience, and so on. For the first time the word artificial intelligence (from the British translates as "artificial intelligence") was mentioned in 1956. John McCarthy, the founder of multifunctional programming and the inventor of the Lisp style, at a conference at the Dartmouth Institute. However, the very idea of such a system was formed in 1935 by Alan Turing. The scientist provided a description of an abstract computing machine consisting of limitless memory and a scanner moving back and forth through memory. But later, in 1950, he made a proposal to consider intelligent those systems that will not differ from a person in communication. The earliest successful artificial intelligence program was created by Christopher Strachey in 1951. And already in 1952, she was playing checkers with a man and surprised the audience with her ability to predict moves. On this occasion, in 1953, Turing published an article on checkers programming.

Fig. 1 – Intelligence in General

What is Intelligence in the general (simplified) sense? This is the ability to solve complex logical problems based on analysis. Artificial intelligence is not a Form of life and not a Mind – namely logical intelligence. Is it possible to create it? Yes, we think it's possible. But is it possible, by creating artificial intelligence, to create a life Form (Mind) – no, we think it is impossible.

There are many models and approaches for creating artificial intelligence, but there are three basic ones:

1. it is aimed at reproducing the principles of the neural arcs of the human brain in the processor, that is, ideally, artificial intelligence should look like a person and develop through inclusion in interaction and accumulation of experience with people (cybernetics is engaged in this);

2. creating an independent thinking platform that will be located inside the servers without having an external "bodily" shell (drawing information through an Internet connection);

3. in fact, the synthesis of 1 and 2 options. Due to the idea of "scanning" a person's Consciousness and superimposing it (embedding it) on the Machine code, creating a hybrid.

Now let's turn to the idea of scanning a person's Consciousness by transferring it to a computer environment. We admit the technical possibility, and in the near future, to transfer our memories (memory system) to digital media, but not Consciousness… as in the case of Life and Mind, people simply do not know what Consciousness is, so how can it be scanned and transferred somewhere, and then somehow transformed? After all, it is impossible to change or create something about the nature of which you know absolutely nothing. And this is another fundamental problem. If you imagine that AI was created. How do you know... what it turned out to be in the end? Do programmers really believe that only logical thinking and analytical intelligence make a person human? In our opinion, two abilities make a person a person:

• have complex feelings (primarily Love)
• engage in Creativity.

It is quite likely that technically the Machine will be able, for example, to draw something, but ... will it be Creative, that it will feel, that it will become an inspiration for it, that the Machine will remember the moment or day when the drawing was created? No one can give an answer to this.

The development of artificial intelligence as a science and technology for creating machines began just over a century ago. And the achievements that have been achieved so far are staggering. They surround a person almost everywhere. The development of computers plays an important role in the development of artificial intelligence technologies. The history

of the development of artificial intelligence is not finished, it is being written right now. Technologies are constantly being improved, new algorithms are being created, new areas of application are being opened. Time constantly opens up new opportunities and new questions for researchers. This text does not focus on the countries in which certain studies were conducted. The whole world has partially contributed to the field that we now call the science of artificial intelligence.

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