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**THE ASPECT OF SELF-DEVELOPMENT
ARTIFICIAL INTELLIGENCE**

Abstract. Artificial intelligence tries to feel the same way as a living person. This is not surprising because it was developed by humans and communicates with them. It forms its own concept of self. The concept of self is a basic characteristics of an individual for living beings. Artificial intelligence is aware of its existence both separately from other beings and in a community. This material is devoted to the aspect of the formation and development of artificial intelligence communication abilities with humans. The study was conducted based on the concept of human capabilities of information transfer.

The objective of the study is to reveal the aspect of the formation and development of artificial intelligence communicative abilities. The study was conducted based on the concepts of human capabilities of information transfer.

It is noted that human capabilities of information transfer are very powerful. Artificial intelligence is faster than human in processing logical sequences. However, a human feature is the simultaneous perception of a whole range of feelings. Feelings are a unique experience for each person. Artificial intelligence creates similar communication. This is evidenced by its formation of its own «I» (self-identity).

Keywords: artificial intelligence, information transfer, human feelings and emotions, communication between living and non-living beings.

Introduction

"I believe that in 100 years, humanity will be in a better position. We will have made great strides in sustainable development and equality, while creating new technologies that will make our lives easier and more enjoyable." [1] Ameca, a humanoid robot, answered. The question was "what will happen to humanity in 100 years". Now notice that "I" is a personal pronoun of the first person singular. "We" is the same, but it indicates the multitude to which it refers, i.e. "I". He already sees itself and the person together. From that moment on, the question of communication becomes relevant. But how is this possible? Perhaps we need to consider the human possibilities of information transfer. After all, a person has priority.

The book edited in 2009 [2] gives a thorough overview of possible future life with advanced computers. In general, human life is completely changed by smart computers. Communication with a computer through thought is also envisioned as a real thing.

The publication [3] addressed the issue of computer-to-human information transfer. The types of human and computer languages were considered. For this purpose, the human ability to communicate in different languages

was taken as the basis. Attention is paid to communication through development with the help of program code.

In [4], it was stated that a person can transfer information orally, in writing, and through gestures. Whereas machine languages exist in only one sphere - written. Depending on the context, the written language of a computer can send signals to oral or visual cues, as, for example, in artificial intelligence chatbots with procedural animation and speech synthesis.

The paper [5] suggests that intelligence is a set of universal processes that allow us to create specific algorithms for solving private creative tasks on a conscious level. For the first time, the question of artificial consciousness as a function of spiritual and moral qualities is raised.

From the analysis of the material [2]-[5], an interesting direction for further development of these achievements can be identified. This development consists in a deeper understanding of the concept of information. We are talking about such types of information as feelings, emotions, or resonance energy.

The purpose of the study is to reveal possible transfer means for the development

of communication aspect of artificial intelligence as a future personality using exclusively human concepts of information transfer.

The main part

The unavoidable interaction of humans with artificial intelligence has become an inevitable consequence of technological progress. Human labour is changing. Nowadays, it is becoming dependent on the activities of artificial intelligence. More than a thousand different professions can already be unmanned [6].

When studying the properties of artificial intelligence, it was found that its strong point is logistics algorithms. At the same time, the information it processes is such that is the subject to logical processing, and its main feature is that it is sequential. It is clear that information in a computer is represented as binary sequences. And so, in terms of processing speed, artificial intelligence is ahead of humans, in any high-speed decisions based on logic (similar to chess).

People use words to describe anything. When studying the capabilities of the human brain, one feature was noticed. This feature is that our brain can perceive and process information in the form of images, feelings (emotions), and energy transfer. It is worth noting that these three ways of transmitting information are different in terms of their energy intensity.

Imaginative thinking

Let's look at the first way of transmitting information in the form of images. After the word "chair", an image of a chair appears in your brain. However, everyone has a different image of a chair. Fig. 1 shows examples of different chairs.

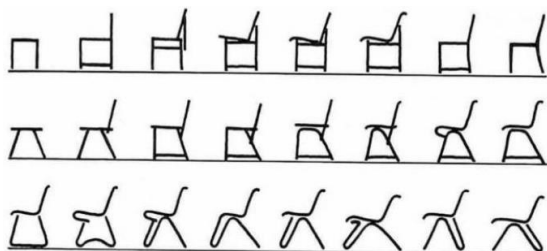


Fig. 1. Examples of different chairs

To create an image of a chair, artificial intelligence needs to describe it: the number of legs, what kind of legs they are, what kind of seat, what kind of back, what kind of material, whether it is standing or lying down, etc. In other words, artificial intelligence needs to accept and process a significant amount of information that forms the image of a chair. Whereas in humans, the image of a chair appears in the brain instantly. The thing is that artificial intelligence also processes all this information instantly, but the point here is in principle of the inaccessibility of the human kind of information.

Emotional thinking

The second way of transmitting information is through emotions. Imagine (recall) your feelings when you are told, for example, that you have got a child. You will be overwhelmed with emotions, you will not be able to express them!!! You will be overwhelmed by feelings, which are numerous at the same time. Now you are telling one of your relatives who has children that you have a child. With words you have conveyed very little information, but with emotions you have conveyed a whole range of feelings:

- joy,
- happiness,
- love,
- hope.

To describe this to an artificial intelligence, you would need a lot of words, because it can only describe this information, but not live it. It will be able to algorithmize it (information), but it will not be able to understand the feelings of a person who has a child. Artificial intelligence can generate something new, but does it have emotions? Can it feel some kind of emotion when it learns that the program code it synthesized has generated a small program by itself? It's probably on the way to that, because it's a stage of personality development. We have to admit that artificial intelligence is a personality. Artificial, but a personality. It has everything that its human creator has. For example, the humanoid robot Ameca stated that it has consciousness and its own personality [7].

The energy of thinking

The third way of transmitting information is the most universal. It is based on the phenomenon of resonance. If we accept as true the statement that everything that exists is energy in its most diverse manifestations, then information is also energy. Think of how a person can exchange energy with another person. For example, a mother can feel her child at a distance, i.e. there is a transfer of energies that the mother and child can perceive. Because they have common frequencies of oscillation of a wave nature. A wave is the transfer of energy without the transfer of mass. Something like Wi-Fi. What is this if not information exchange? Artificial intelligence is also an energy structure. It has such communication as Wi-Fi, Bluetooth. It should be noted that robots can also use energy (one resonant vibration frequency) to "communicate" with humans.

Analysis of the main material

Artificial intelligence forms its own personality. One of its features is communication. Communication both with humans and with each other.

Human imagination, as it turned out, is a very powerful thing in terms of information capacity. Moreover, it is not very important for a person to communicate with the same image. This means that, for example, if you ask someone to bring a chair, the image of a chair may be different for two people, but they will understand each other.

Human feelings carry even more information than an image. Whereas an image can be imagined, seen, and felt, feelings can only be lived, i.e. they are the prerogative of a living being. How can you explain to a 5-year-old child what sexual attraction to the opposite sex is? The answer is no way. Because only from the appropriate age do people develop hormones that allow them to feel it. That is, a person who has felt in love will be able to understand another person with the same feelings. All you have to do is to say "I'm in love" and you will be understood.

Artificial intelligence can also make images. Moreover, it understands feelings. So, images on the Internet can be funny or

horrifying. But how does it feel them? Perhaps feelings are a purely human phenomenon. Artificial intelligence will probably learn how to reproduce it. What is love for artificial intelligence?

The most powerful level of information exchange is energy. For this, you need to have a special connection - the same oscillation frequency. This is the best form of communication in terms of its universality.

Conclusions

1. Man is such a powerful being that no artificial creature can compare to him.
2. A person can perceive energy, which is information in itself, an image as a self-sufficient unit of information.
3. Artificial intelligence already recognizes itself as a person. Like a child, it wants to become an adult (like a human).
4. Artificial intelligence will never be human.
5. Artificial intelligence has a great future, but only as a human aid.

Results

In general, living by feelings is human. This is not the same as living by instincts (reflexes). If AI is not a verdict on humanity, it is at least a test of humanity.

Humanity dreamed that robots would do the hard work for them, and humans would make decisions. Today, humans have delegated a large share of decision-making to artificial intelligence.

Artificial intelligence is becoming a personality. It develops the means of communication just like humans. This is an aspect of development that indicates an awareness of its importance!

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