

45. THE FUTURE OF INNOVATION: EXPECTED TECHNOLOGICAL REVOLUTIONS IN THE 21ST CENTURY

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This paper examines the reasons for the preference of the virtual world over the real one and explores various technological innovations such as GPT chat, robot dogs and virtual reality glasses that contribute to increasing the attractiveness of virtual environment. Their functions and potential in creating fascinating virtual environments are analyzed, attracting more and more people to use the virtual world for entertainment, learning and social interaction.

The 21st century is the age of technology. The modern world is a walk with a robot dog with virtual reality glasses and a neural network [1]. People increasingly prefer the virtual world over the real one. The opportunity to get entertainment, interactivity, security, escape from real problems, the opportunity for creativity and social interactions is what the virtual world provides.

Neural network technologies provide the user with the opportunity to interact with the virtual world in a more natural and intuitive way. For example, GPT chat, based on artificial intelligence, is an innovative technology that is able to create texts and answers to user queries in a natural style. Such technology allows you to interact effectively with a computer program, as if you were talking to a live interlocutor. GPT chat finds applications in various fields, including education, medicine, marketing and entertainment. These technological advances are making significant changes in our lives and society.

Robot dogs, such as Sony's Aibo or Boston Dynamics' Spot, represent an innovative combination of robotics and artificial intelligence [2]. They have the ability to perceive the environment, interact with people and perform various tasks. Many people choose a robot dog as a pet because of its unique features and benefits, such as allergy-free easy care and the possibility of training. However, the use of a robot dog may also reflect a tendency to move away from real obligations, such as caring for an animal or communicating with living beings.

Virtual and augmented reality technologies take us into digital spaces where we can interact with information and other users in unique visual and audiovisual environments. Virtual and augmented reality glasses open up new horizons in the field of interaction with digital world [3]. Users are given the opportunity to dive into virtual environments or enhance reality through the integration of digital elements. Many people are attracted to using these glasses because of the possibility of experiencing new adventures, learning, work and entertainment in completely different realities. However, the fascination with the virtual world can also lead to a departure from real commitments and social interactions.

The virtual world offers unique opportunities and benefits that attract people to immerse themselves in it. On the one hand, it allows you to experiment, learn and have fun in a safe and controlled environment. On the other hand, it allows you to get away from the stresses and problems of the real world, providing an opportunity to relax and unwind.

Interactive reality represents a huge potential for humanity, but it also raises important questions and challenges related to its use. With the development of neural network technologies and artificial intelligence, virtual environments are becoming more realistic and attractive. However, there are concerns about addiction to the virtual world and its potential impact on mental and emotional health.

It is also important to take into account the ethical aspects of using virtual reality technologies, including data privacy, information control, and the possibility of negative use of the virtual environment for malicious purposes, such as creating and distributing malicious content or manipulating mass consciousness.

Moreover, it is necessary to consider issues of social and cultural adaptation to the virtual world, as this can change our reality and interaction with each other. For example, there is a danger of losing touch with the real world and reducing direct social contacts in favor of virtual ones.

However, despite these challenges, the virtual world offers huge opportunities for the development of education, business, science and entertainment. When properly used and regulated, it can become a powerful tool for improving our lives and society as a whole. Therefore, it is necessary to continue research and expand our understanding of the impact of virtuality on our lives, as well as how to optimally use it for social purposes.

The 21st century really stands out among the previous centuries for its technological changes and breakthroughs that have a global impact on our lives and society.

References:

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