

SCIENCE AND IMMORTALITY

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Cyborg (cybernetic organism) is a biological organism which contains a mechanical or electronic components, computer-human hybrid, unable to live without these mechanical or electronic components.

Even now it is evident that the progress in the development of modern neurointerface, electronics, precision mechanics and even 3D-printing will allow to make cybernation quite successful in the future. At the moment, there are many companies which develop electronic systems and structures that can somehow receive the signals from the human body (Touch Bionics - a company engaged in the development of active prostheses i-LIMB, Vanderbilt University, engaged in the creation of bionic legs).

The creation of these systems is possible thanks to the existence of such science, as "bionic" which explores the use of technical devices and system principles of the organization, functions, structures and properties of nature. Hugh Herr, the head of the research group Biomechatronics MIT, is particularly famous for his developments in the field of bionic prostheses. The technology essence is a prosthetic control of signals through an intermediary reading of muscles, which consists of recording and decoding of pulses sent from the brain to the muscles.

Thus, it is already possible to create a cochlear devices, artificial eyes, artificial limbs to replace the arms and legs. Technologies aimed at creation of an artificial heart, which is one of the most sophisticated technologies, are being developed. However, the essence of this report is to show the possibility of achieving immortality through the cybernation, so that above-described technology is a kind of bridge between the technology which allows the replacement of lost organs and limbs and the technology which allows to gain full cybernetic immortality.

For example, their development has deviated from the original destination, and has led to the invention of neuroimplants. You are connecting directly to the nervous system. For example, are conducted experiments on the treatment of depression, memory chips are implanted to the patients who have problems with its own memory. All these with proper development of technology can lead to a digital immortality. It is really closely connected to each other.

Not all people share the enthusiasm of scientists, some believe that the process of cybernation is inevitable, normal and is caused by the need of solving the problems encountered by the consumer society, a natural step in the evolution of human consuming, while others do not accept this way because of concerns caused by the small amount of information on the issue.

Literature:

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