Abstract

Today, during the golden period of science, we are seeing and undergoing many technologies that are unbelievable just like soft computing, neural networks, brain computer interface, etc. The technology brain computer interface connects the brain (nervous system) with a computer system. The goal of Brain Computer Interface (hereinafter, "BCI") technology is to behave as a communication line for those retarded or disabled people who have neurological or
neuromuscular disorder problem. It is a blessing from God for the disabled people. Here in our review we will state the advantages and the disadvantages, drawbacks and different applications and will acquire knowledge by investing facts about BCI. Current BCI's have maximum information transfer rates of 5-25 b/min. BCI technology is improving decade by decade, day by day. The latest technology of BCI in today generation is Horizon 2020. The BCI technology is developing future and their applications are encouraging discussions and are providing a great field for researchers to be enthusiastic about.

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Index Terms

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Keywords
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