Abstract

The Brain Computer Interface (BCI) systems enable unblessed people to operate devices and applications through their mental activities. It is believed that the BCI technology should be a blessing for the unblessed persons who may be suffering from severe neuromuscular disorders. So in this paper, we present a review on the progress of research efforts and then we analyze the challenges in BCI research and development for unblessed people. Here, a general Electro-Encephalogram (EEG) based BCI system is discussed which can assist the paralyzed or physically or mentally challenged people in performing their various routine tasks or applications.

References


- ZHANG Zhen, FAN Hong-liang, “Prosthetic Controlled System Based on Signal Pattern Recognition of Electroencephalogram”, International Seminar on Future BioMedical Information
Technology Development for Unblessed People using BCI: A Survey


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