Abstract

The encephalography has undergone massive progress during 100's of year. The existence of electrical currents in the brain was discovered in 1875 by an English physician Richard Caton. In 1924 Hans Berger, a German neurologist, used ordinary radio equipment to amplify the brain's electrical activity measured on the human scalp. The electroencephalogram (EEG) is defined as electrical activity of an alternating type recorded from the scalp surface after being picked up by metal electrodes and conductive media [2]. Electroencephalography (EEG) is the recording electrical activity of the brain, which is obtained by firing of neurons within the brain. The Research applications are. EEG signals in neuroscience, in cognitive science, EEG signals
can be used for the psycho physiological research and EEG signals can be used for the study of the responses to auditory stimuli.

References

- Agata Warwoka,IEEE2011.Methods of EEG signal analysis
- Prof. Ramaraju & Dr. Malleswar,IEEE2011.Relevance of wavelet transform of EEG signals
- Xiaover,IEEE2011,EEG based Attention based recognition
- Xiaoveri, IEEE2011EEGLAB software for brain computer interface.

Index Terms

Computer Science

Engineering and Technology
Keywords
Electroencephalography (EEG)