Abstract

Electroencephalographic (EEG) signal records the electrical activity of the neurons near the scalp within the brain. Significant artifacts are introduced in the recording of EEG signals which leads to unreliable results. EEG paves the way for diagnosis of many neurological disorders and other abnormalities in the human body. The main aim of research is to get clean EEG signal with enhanced accuracy for proper diagnosis. Extensive research has been conducted in this area with different techniques. This paper reviews some of the important artifact removal techniques for performance enhancement.

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EEG, Artifacts, EOG, EMG, ECG, EMA, Adaptive Filtering.