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I. Introduction

EEG is termed as the electro encephalographic signal which is used to measure the electrical activity of the brain while performing various activities. The EEG signals are acquired from the subject by placing the electrodes at the hemispherical region of the subject. In this study the EEG signal is acquired from the subject by providing various motor activities. The motor activities are stimulated by the muscles at the time when they receive motor nerve signal from the brain for the particular action. In this study the motor nerve signal for the various types of upper limbs motor activities are recorded and pre-processed. These motor nerves are the nerves that carries the messages of actions in the form of response from the brain to the particular muscle to do particular action. The action of response is carried in the form of electrical potential from the brain to the particular muscle. In this study the motor nerve signals for the upper limbs are acquired and preprocessed. The motor nerve signals for the upper limbs are acquired and preprocessed. The motor nerve signals for the upper limbs are acquired and preprocessed. The motor nerve signals for the upper limbs are acquired and preprocessed. The motor nerve signals for the upper limbs are acquired and preprocessed. The motor nerve signals for the upper limbs are acquired from the subject by placing the electrodes at the frontal lobe of the subject. The noises in the acquired EEG signals are removed using the band pass filter. All the acquired signals are pre-processed using the advanced IIR filter. The most vital parameters of the motor nerve signal are extracted from the pre-processed EEG signals are extracted from the pre-processed EEG signals.

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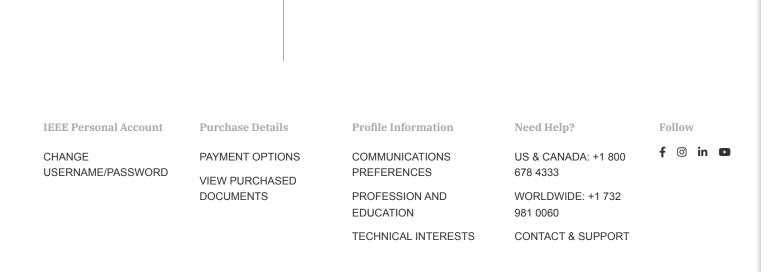
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