

عنوان مقاله:

Comparative Analysis of Different Denoising Techniques for ECG Signal

محل انتشار:

هفتمین سمپوزیوم بین المللی پیشرفتهای علوم و تکنولوژی (سال: 1391)

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خلاصه مقاله:

Biomedical signals such as ECG and EMG are highly non-stationary. This type of signal generally changes their statistical property over the time. ECG is most commonly signal used for the analysis of heart activity. An ECG signal is a combination of several QRS waves. Detection of R wave from the QRS wave, along with the elimination of higher scale components is fundamental function of any denoising algorithm. ECG signal is used to verify the different techniques using MATLAB software. Techniques presented in this paper are compared with other, so as to find the .best technique for denoising of ECG signal

کلمات کلیدی:

Electro Cardio Gram, Signal to Noise Ratio, Filter, Denoising, Noise and Signal

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