Abstract

ECG is a very important tool for cardiac health status measurement and detection of various diseases at their early stage. Thus, it will be helpful in providing such analysis on the move using a mobile device. The basic aim for such implementation would be an accurate, efficient yet light-weighted algorithm that is simple to implement on mobile. With a lot of traditional techniques been developed, it is important to study them correctly and use the right combination to achieve the desired result for efficient processing. This paper discusses comparative study of traditional and mobile based ECG feature extraction techniques and design of a mobile based ECG classification system.
A Comparative Study of Traditional and Mobile based ECG System Algorithms

References


Proceedings of the 23rd Annual International Conference of the IEEE
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A Comparative Study of Traditional and Mobile based ECG System Algorithms

Index Terms

Computer Science  
Signal Processing

Keywords

Ecg Analysis  Feature Extraction  Mobile Phone Development