Abstract

In this paper presenting bioelectrical signals which are spectrally analyzed for enabling energy-quality trade-offs, they are helpful in observing different health problems as those related with the rate of heart. To facilitate such trade-offs, the signals which are processed earlier are expressed primarily in a beginning in which considerable components that hold mainly of the related information can be simply notable from the components that effect the output to a smaller amount. Such an arrangement permits the pruning of operations allied with the less important signal components primary to power savings with loss of minor quality as simply less useful parts are reduced under the certain requirements. This provides the patients normal and abnormalities using ECG waves.

References

Overview a Quality-Scalable and Energy-Efficient Approach for Spectral Analysis of Heart Rate Variability

2011.

Index Terms
Keywords

Spectral Analysis, Heart Rate, Energy-Efficient, Haar, PSA