

Bioelectrical Signal Processing In Cardiac And Neurological Applications Biomedical Engineering

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Sörnmo Leif, Laguna Pablo: Bioelectrical Signal Processing ...

Bioelectrical signals are generated from the complex self-regulatory system and can be measured through changes in electrical potential across a cell or an organ. The bioelectrical signals of our interest are in particular, the electrocardiogram (ECG) and the electroencephalogram (EEG).

Bioelectrical Signals as Emerging Biometrics: Issues and ...

An electrocardiogram (ECG) is a graphical record of bioelectrical signal generated by the human body during cardiac cycle (Goldschlager, 1989). ECG graphically gives useful information that relates to the heart functioning (Dubis, 1976) by means of a base line and

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