Abstract

The ECG signal is popularly used for diagnosis of various cardiovascular diseases. In recent times, the ECG signal is also being used for biometric security systems. As the ECG signals contain private health information, along with personal identification data, it needs to be secured before transmission through various public networks to avoid the data being compromised. This paper discusses various data encryption techniques along with data embedding using signal transformation to ensure that the sanctity of the information.

References


Index Terms

Computer Science  Security

Keywords

ECG Signals Confidentiality DWT Encryption Steganography Wavelet