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APPLICATION OF WAVELET TRANSFORM IN DIFFERENT STAGES OF SIGNAL ANALYSIS : A REVIEW

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Abstract

There are so many review articles made on wavelet & its applications, but, the idea behind this review article is to understand the application of wavelet transform in different dimensions of signal analysis. In starting we briefly discussed how wavelet transform is better over traditional Fourier transform and then reviewed wavelet by categorize signal analysis into four main stages like: signal acquisition, quality improvement, feature extraction and signal compression.

Key Words : *Wavelet transform, Signal processing, Fourier transform, Signal compression, Bases, Orthonormal wavelet, Compact support.*

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