Effect of Two Dimensional Image Compression on Statistical Features of Image using Wavelet Approach

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Abstract
The wavelet based approach becoming most common for image compressions and de-noising. The level of decomposition during image compression may be optimized to retain use full energy contents. In this paper we are analyzing the effect of image compressions on its statistical features. These statistical features will be utilized for image recognition and analysis. This analysis will help us in the designing of recognition techniques where image compression will be a prime requisite to save memory and channel space with enhanced speed. The real time image processing is the main application area of the proposed concept.

Reference


Index Terms

Computer Science Wireless
**Key words**

- DWT
- De-noising
- Histogram
- IDWT

Image Compression

- LPF
- HPF
- Decomposition Tree