Abstract

Digital image processing has become a topic of great interest in recent years. In order to use digital image effectively some algorithms are used to compress an image with no or less
Comparative Analysis of Image Compression Techniques using SVD, DCT and DWT

degradation in the image quality. Some of these algorithms are said to be lossy algorithms because some information is permanently lost in these techniques. In this paper, the performance of some popular lossy image compression algorithms has been compared in terms of peak signal to noise ratio (PSNR), mean square error (MSE) and compression ratio (CR).

References


Index Terms

Computer Science Image Processing
Keywords
Image Compression  Singular Value Decomposition  Discrete Cosine Transform  Haar Wavelet

Peak Signal To Noise Ratio.