Abstract

To reduce the redundancy of image, image compression is used in order to store data in much more effective way. For effective & efficient image compression integer wavelet transform has been introduced. The aim of the integer wavelet transform is to get maximum compression ratio possible. Decomposition of image takes place up to certain levels; at different levels the value of image compression is different. Maximum compression & minimum compression can be achieved by integer wavelet transform method.

References

E. Farzad, C. Matthieu, and W. Stefan, "JPEG versus JPEG2000: an objective comparison of image encoding quality," SPIE.


A Comparative Study of Image Compression Techniques Based on Svd, D, wt-Svd, Dwt-Dct, ICSCI 2008 proceedings pg 494-496.


COMPRESSION METHODS USING WAVELET TRANSFORM, Ms S. S. Tamboli, June (2012).


Index Terms

Computer Science

Image Processing

Keywords

Integer wavelets transform

Predictive Coding

Compression ratio.