Abstract

With increasing demand for applications in multimedia, mobile communications and computer networks, the field of image coding attracts many researchers. Accomplishment of higher compression ratio while retaining good image quality is needful in the present demanding environment. Many multimedia applications are demanding for low disk memory requirement, faster and good perceptual quality for images/video. In this paper, authors have reviewed abundant attempts made by researchers to fulfill the requirement of lossy to lossless image coding. One of the best choices for image coding was DCT which is replaced by DWT. Authors have presented state of art for various methods in lossy to lossless coding domain. With the advancement in research in the fields namely filter banks and lifting based wavelet transforms, image coding with filter banks is currently best suitable method in all aspects.

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A Review on Lossy to Lossless Image Coding


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Keywords

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