

# Performance Analysis of OFDM under DWT, DCT based Image Processing

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*Abstract*— In this paper, the PSNR performance of conventional discrete cosine transform (DCT) - OFDM system is compared with discrete wavelet transform (DWT)-OFDM system. We use different error correcting codes viz; Reed Solomon, LDPC, DCT and DWT.

*Keywords*- DCT, DWT, OFDM, Reed Solomon, LDPC.

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