

PERFORMANCE ANALYSIS OF TURBO CODED OFDM: SUBJECTED TO DIFFERENT CHANNELS

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ABSTRACT

Turbo Coding is used extensively in 3G & 4G mobile. Turbo coding such as convolutional turbo coding are used in a wireless metropolitan network standard. In this paper performance analysis of turbo coded OFDM subjected to different channels, we are concentrating on evaluation of performance of Turbo Coded Orthogonal Frequency Division Multiplexing for channels such as Additive White Gaussian Noise, Rayleigh, Rician fading channels.

KEYWORDS: OFDM, Additive White Gaussian Noise, BER