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Performance of MMSE channel equalization for MIMO OFDM system

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Abstract

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Abstract:

MIMO OFDM technology used in wireless communication systems offers high speed data rates and high spectral efficiency. OFDM mitigates ISI and ICI while MIMO technology greatly improves data transmission rates. This paper presents performance of MMSE equalizer for MIMO OFDM system under Rayleigh fading channel in MATLAB. Performance is measured by computing Bit Error Rate (BER) for the system.

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