

# Transmit Diversity using Various STBC Coding for MIMO Systems

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*Abstract*— This paper shows the performance analysis of Bit Error Rate (BER) in MIMO system using STBC codes. We compare Toeplitz OSTBC scheme with different coding schemes viz; ABBA, Jafarkhani, and Tarokh. Zero Forcing (Z-F), Minimum Mean Square Error (MMSE) equalization techniques are used for achieve full diversity.

*Keywords*- BER, MIMO, ABBA, ZF, MMSE.

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