

Transmit Diversity using Various STBC Coding for MIMO Systems

Ankit Pandit K. K. Sharma
panditankit48@gmail.com krish1483@rediffmail.com

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.

IJDACR