Abstract

MIMO-OFDM (multiple inputs and multiple output orthogonal frequency division multiplexing) system is a new wireless broadband technology which has gain great popularity for its capability of high rate transmission and its strength against multipath fading.

In this paper turbo coding, Zero Forcing and Minimum Mean Square Error equalization techniques are presented for reduction in bit error rate for the 16- QAM modulation technique. The channel used in this paper is Rayleigh frequency selective channel.

References


Index Terms

Computer Science Wireless

Keywords

Massive MIMO, OFDM, ZF, MMSE, Turbo encoding.