A Novel MIMO - OFDM Technique for Improving Wireless Communications System Performance based on SF–BC

Abstract

In this work, the author implemented a NOVEL technique of multiple input multiple output (MIMO) orthogonal frequency division multiplexing (OFDM) based on space frequency - block coding (SF-BC). Where, the implemented code is designed based on the QOC using the techniques of the reconfigurable antennas. The proposed system is implemented using MATLAB program, and the results showing best performance of a wireless communications system of higher coding gain and diversity.

References


Index Terms

Computer Science  Wireless
Keywords

MIMO, OFDM, SF-BC, QOC.