Abstract

The gist of Multiple-Input-Multiple-Output (MIMO) technique is its ability to provide increased channel rate with the use of multiple antennas, thus increasing spatial diversity gain. Correspondingly, there is a noticeable amount of increase in the number of users in wireless systems equipped with MIMO technology. In this work, the performance of MIMO Systems have been analyzed with transmit and receive diversity. The performance of 2x2, 4x4, 8x8 and 12x12 MIMO Systems have been compared by performing simulations in MATLAB on the basis of channel rate.

References

Analysis of Multiple-Input-Multiple-Output (MIMO) System with Transmit and Receive Diversity

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