Abstract

Multiple transmit and receive antennas can be used to form multiple-input multiple-output (MIMO) channels to increase the capacity and data rate. In this paper we present a novel technique which is based on the equalization value where we take several dynamic ranges from the sin and cosine values and according to those values we first take the lower limit basis on the orthogonal (peak values) and then taken the higher value basis on the orthogonal (peak values). Then apply the rate adaptive method to compare those values according to those changes. We consider those values because the distortion rate is decreases in case of decreasing values in some cases and in some cases increasing values are also important in
some cases, so we analyse those cases and then finalize the result based on those parameters. In these technique the phase sequence multiplication before perform FFT operation by using PN sequence generator and second phase sequence multiplication are the invert version of PN sequence generator.

References


Index Terms

Computer Science Engineering and Technology

Keywords

OFDM MIMO Orthogonal RA