Abstract

To enhance the band width usage with adding cyclic prefix and pilot insertion, wavelet based OFDM is employed for performance increment using BER analysis. This also classified on AWGN, RICIAN, RAYLEIGH and NAKAGAMI channels for BER performance based on SNR. These results as numerically compared with original OFDM, FRFT-OFDM

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Band Width, cyclic prefix, pilot insertion, wavelet, OFDM, BER, AWGN, RICIAN, RAYLEIGH,
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