應用互補碼於正交分頻多工系統之系統效能模擬

In this paper, we implement the Orthogonal Frequency Division Multiplexing (OFDM) system on Matlab software. The transmission system have encoding, modulation, and Rayleigh Fading Channel. We simulate performances on the transmission system. In this paper, we simulate two different modulations. One is QPSK, the other is Complementary Coding Keying (CCK). The simulation system use Rayleigh Fading Channel to interference the results. Finally, we analysis and testing the system on the convolutional coding or without.