



## METADATA

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### Abstract

The paper presents the following: 1) data transmission in the baseband: source coding, matched filter receiver and correlator, 2) data transmission in the baseband: transmission spectrum with filters, Raised Cosine filters for zero intersymbol interference, 3) error probability for M-PAM signaling in AWGN

noise, 4) digital bandpass modulations: ASK, FSK, M-FSK, PSK, DPSK, M-PSK, M-QAM, 5) symbol error performance in AWGN noise, 6) OFDM digital modulation and demodulation, 7) channel coding: convolutional codes, transfer function, error probability, 8) performance of digital modulations in fading channels.

