Chapters 9.3-9

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Modulation Schemes not Requiring Coherent References

- .In this section, now we consider two modulation schemes that you do not need to require the acquisition of a local reference signal in phase coherence with the received carrier.

Differential Phase-Shift Keying (DPSK)

- The implementation of a such a scheme presupposes two things; 1 The mechanism causing the unknown phase perturbation on the signal varies so slowly that the phase is essentially constant from one signaling interval to next.

Comparison of Digital Modulation Systems

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Multipath Interference

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Equalization

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Equalization by Zero Forcing

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Equalization by Minimum Mean-Squared Error

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Tap Weight Ajustment (LMS Algorithm)

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