

M1 課題レポート 第2回目

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Technical Report for M1 Labwork 2nd

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Abstract

Table 1 MAPPING TABLE OF PHASE

bitA	bitB	$\Delta\theta_i$
0	0	0
1	0	$\frac{\pi}{2}$
1	1	π
1	0	$\frac{3\pi}{2}$

1. Introduction

Table 2 SIMULATION CONDITIONS

ITEMS	CONDITIONS
Moduation Method	DQPSK
Transmission Bits	128
Channel	AWGN
Detection	MLE
Number of Trials	10^6

2. Simulation and Result

3. Conclusion

REFERENCE

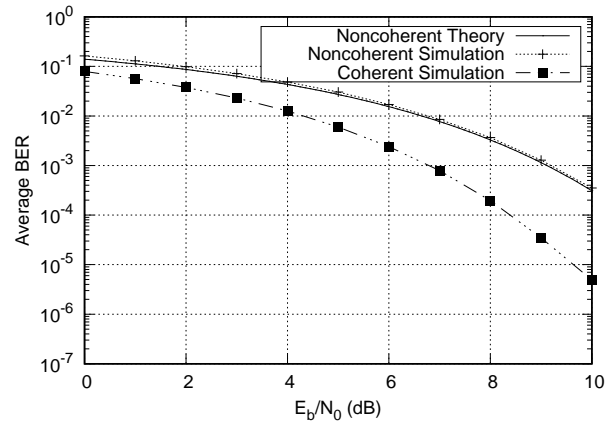


Fig. 1 Coherent Reception and Non-coherent Reception Without Phase Shift

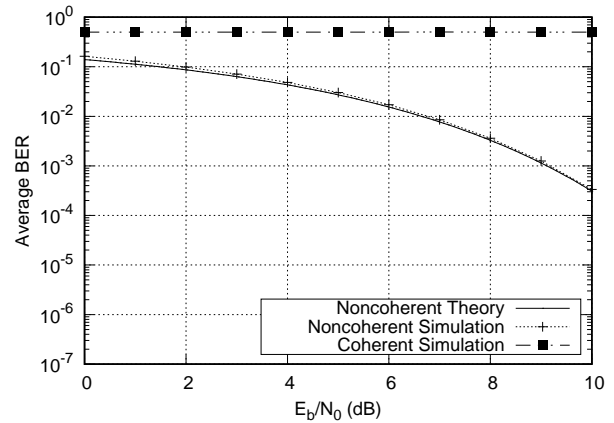


Fig. 2 Coherent Reception and Non-coherent Reception With Phase Shift