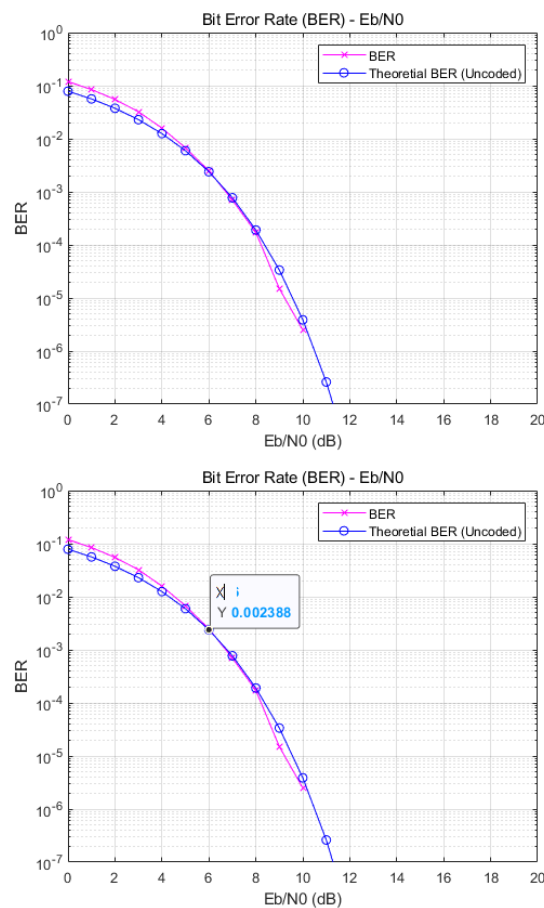


Assignment 2 - Simulation of a Hamming-coded BPSK

Digital Communications (EEEN40060), 2020/2021

William

Result:



Analysis:

- The cross-over point is at 6 dB of E_b/N_0 with 0.002388 of BER. As E_b/N_0 goes higher, the performance improved by Hamming code
- The coding gain at a BER of 10^{-5} is approximate 0.4dB