

ECE 457
HOMEWORK #10
Due April 15, 2005

- Read Chapter 6.1
 - Office Hours: W 11:30-1:00, Th 9:30-11:00
1. [20] 6.2 from Ziemer and Tranter.
 2. [20] 6.5 from Ziemer and Tranter.
 3. [20] 6.8 from Ziemer and Tranter. Use MATLAB to plot SNR versus $\frac{P_T}{N_0W}$ for the following modulation indices 0.2, 0.5, 0.8, and 0.95.
 4. [20] 6.9 from Ziemer and Tranter.
 5. [20] 6.11 from Ziemer and Tranter.