EE 538: Communication System Lab

1. Introduction to Matlab, Random Variables and Plot
2. Scatter Plot, Signal Constellations, Noise
3. Bit Error Probability in AWGN
4. Introduction to Simulink, BER in AWGN
5. Signal Trajectory, Eye Diagram and Power Spectral Density
6. BER of Hamming (7,4) Code
7. Introduction to ns-2
8. BER of Convolutional Codes
9. Data Compression BER in Fading Channels