

# Homework : 04

## K.Surya Prakash

### EE18btech11026

Simulating BPSK and 16 QAM modulations and examining the BER for different fading.

Before comparing BER for different fading , we need to ensure that the power is the same.i.e;

$$y_k = h_k x + n$$

Where  $h_k$  defines the fading, which is a random process.



