

Spring 2009
EE 4601: Assignment 4

- Date Assigned: February 24, 2009.
- Date Due: March 5, 2009.

1. text problem 4.19
2. Suppose that the impulse response of a channel is

$$\mathbf{p} = \{0.1, -0.5, 2.1, 0.8, 0.5 - .1\}$$

- (a) design a 3-tap zero forcing equalizer
 - (b) compute the overall pulse \mathbf{q} .
 - (c) compute the peak distortion before D_p and after D equalization.
3. text problem 5.3
 4. text problem 5.4
 5. text problem 5.5