ECS455: Chapter 4

Multiple Access

4.4 m-sequence (Additional Remarks)

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Wireless Comm. and Multipath Fading

delay.

Direct line-of-sight

The signal received consists of a number of reflected rays, each characterized by a different amount of attenuation and

Here, let's consider the discrete-time version of fading:

$$y[n] = \sum_{i=0}^{\nu} \beta_i c[n - \tau_i]$$

In particular, let's try

$$y[n] = 5c[n] - 3c[n-4] + c[n-10]$$



