1 Logistics

We are going online now. We will have section in this format moving on Zoom. The Github for this section and all the notes will be on https://github.com/tsgoten/csm70-notes.

2 Message Corruption

So lets say we are sending message of length m. So, we will sending soemhting eventually of length n. Once we send n we say that 20% will be corrupted. How long should we make n. So the question is rephrased to being how long is n.

$$n - pn = m$$
$$n = \frac{m}{1 - p}$$

For Berlekamp welch

$$n - p(2n) = m$$
$$n = \frac{m}{1 - 2p}$$

3

4 Berlekamp-Welch