

# ECE 563: Homework 3 - Due October 18, 2022

**Problem 1: Cover, Thomas, Data compression section problem 5.27: "Sardinas-Patterson test."**

**Problem 2: Cover, Thomas, Data compression section problem 5.34: "Huffman algorithm for tree construction."**

**Problem 3: Cover, Thomas, Data compression section problem 5.45: "Random 20 questions."**