

ECE 563: Homework 3 - Due October 29, 2024

Problem 1: Cover, Thomas, Entropy rates section problem 4.10: Pairwise independence.

Problem 2: Cover, Thomas, Entropy rates section problem 4.14: Functions of a stochastic process.

Problem 3: Cover, Thomas, Data compression section problem 5.27: Sardinas-Patterson test.

Problem 4: Cover, Thomas, Channel capacity section problem 7.4: Channel capacity.

Problem 5: Cover, Thomas, Channel capacity section problem 7.11: Time-varying channels.