

CSE 107

Discussion Problems to Accompany Homework Assignment 6

All problems are from *Introduction to Probability* (2nd edition) by Bertsekas and Tsitsiklis.

Section 3.3: Normal Random Variables

Problems: 12, 13

Section 3.4: Joint PDFs of Multiple Random Variables

Problems: 15, 16,

Section 3.5: Conditioning

Problems: 18, 19, 20, 21, 22, 33

Section 4.1: Derived Distributions

Problems: 7, 8, 10, 11, 12, 13, 14