

## **CSE 107**

### **Discussion Problems to Accompany Homework Assignment 3**

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

#### Section 2.2: Probability Mass Functions

Problems: 2

#### Section 2.4: Expectation, mean and variance

Problems: 20, 23ab

#### Section 2.5: Joint PMFs of multiple random variables

Problems: 24ab, 25, 26ab, 28

#### Section 2.6: Conditioning

Problems: 31, 33

#### Section 2.7: Independence

Problems: 38, 39, 40