

EE 605-A / CS 505-A: Probability and Stochastic Processes I

Stevens Institute of Technology

Spring 2024

Instructor: Dr. Dilip Krishnaswamy

Homework 3 - 200 points

From Chapter 1, section 1.5 on End of chapter problems, please solve

- 1) Problem 6
- 2) Problem 14
- 3) Problem 16
- 4) Problem 23
- 5) Problem 37

From Chapter 2, section 2.2 on End of chapter problems, please solve

- 6) Problem 5

From Chapter 3, section 3.3 on End of chapter problems, please solve

- 7) Problem 1
- 8) Problem 4
- 9) Problem 5
- 10) Problem 7b

Each problem is worth 20 points.