

Random Processes, Spring 2026: Homework VII

April 26th, 2026

Problem 1. Problem 4.26, Prof. Hajek's text.

Problem 2. Problem 4.7, Prof. Hajek's text.

Problem 3: Example 3.2, Prof. Hajek's text.

Problem 4: Problem 3.8, Prof. Hajek's text.

Problem 5: Problem 3.9, Prof. Hajek's text.

Problem 6: Problem 3.10, Prof. Hajek's text.

Note that some of the problems have solutions in the textbook itself. Nevertheless, please attempt to solve every problem independently and only use the text to compare your solutions to the correct answer.