

Math 447 - Fall 2024 - Homework 09

Published: Wednesday, October 9, 2024

Status - Reading Assignments:

Here are the reading assignments to be completed before the first one of this HW.

WMS (Wackerly, et al. Textbook):

Ch.1 - 4.8 (non optional parts)

MF447 lecture notes:

Ch.1 - 3, ch.4 (non optional parts), ch.5, ch.6 (strong students), ch.7 - 10.8

Other:

Nothing assigned yet

New reading assignments:

Important: Work through the examples of the reading assignments! This is particularly important for the material starting at MF ch.10 and WMS ch.4!

Reading assignment 1 - due Monday, October 14:

- a. Carefully read MF ch.11.1 – 11.3. Some of Ch.11.3 has already been covered in Ch.5.5 (Independence of Random Elements)

Reading assignment 2 - due Wednesday, October 16:

- a. Carefully read MF ch.11.4 – 11.6.

Reading assignment 3 - due Friday, October 18:

- a. Study for the second midterm!

General note on written assignments: I will not collect those assignments for grading but doing them might be helpful for your quizzes and exams.

(a) Write from memory the following and compare with the MF lecture notes:

- AGAIN: Write from memory the important definitions and theorems of MF ch.9 and 10
- Do the same for ch.7 and 8. Combinatorial analysis and Bayes definitely will play a major part in midterm 2!

(b) All WMS exercises below are odd-numbered, so the solutions are in the book.

- WMS ch.4.5 exercises: #4.5.059, 4.5.071, 4.5.077
- WMS ch.4.6 exercises: #4.6.081, 4.6.091, 4.6.109
- WMS ch.4.9 - 4.10 exercises: #4.9.145, 4.10.147, 4.10.151