Math 447 - Spring 2025 - Homework 14

Published: Tuesday, April 15, 2025

Status - Reading Assignments:

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

WMS (Wackerly, et al. Textbook):
    ch.2 - ch.6 (skip 3.10, 4.11)

MF447 lecture notes:
    ch.1 - ch.5, ch.6 (skim), ch.7 - ch.13.2

Other:
    Nothing assigned yet

New reading assignments:

> Really important for the WMS reading assignments: Work through the examples!

Reading assignment 1 - due: Tuesday, April 22:
  a. Carefully read MF ch.13.3 through Theorem 13.9.

Reading assignment 2 - due: Wednesday, April 16:
  • Study for the midterm!

Reading assignment 3 - due Friday, April 18:
  a. Carefully read MF ch.13.1. Work with pencil and paper through Example 13.1! The stronger students are encouraged to also study the optional material. in particular, they should work through Example 13.2.
  b. Carefully read the parts of WMS ch.7 that correspond to the MF ch.13 material you were asked to study.

Written assignments:

(a) Write from memory the definitions and theorems of MF ch.13.2 (the part you were asked already to study).

(b) Review what you have learned about the sample mean.

(c) All WMS exercises below are odd-numbered, so the solutions are in the book.
  • WMS ch.7.2 exercises: #7.9, 7.21,
  • WMS ch.7.3 exercises: #7.43, 7.45, 7.55

Selected answers:

None, since all answers can be found in the lecture notes.