

Math 447 - Fall 2023 - Homework 03

Published: Wednesday, September 6, 2023

Status - Previous Reading Assignments:

WMS (Wackerly, et al. Textbook):
all of ch.2

MF447 lecture notes:
ch.1 - 3.4 complete lecture notes as of now.

Other:
Nothing assigned yet

New reading assignments:

It is really important for the WMS reading assignments that you work through the examples with pen and paper!

Reading assignment 1 - due Monday, September 11:

- a. Carefully read WMS ch.3.2 and **relate the content to MF ch.1 and ch.3** WMS Def.3.2 (distribution): You are expected to write from memory MF def.3.6 (distribution) which is applicable to any random item, even if its range, $\{Y(\omega) : \omega \in \Omega\}$, is not countable. Focus on the examples in WMS ch.3.1!
- b. Carefully read WMS ch.3.3. You will spend lots of time evaluating expectations and standard deviations!

Reading assignment 2 - due: Wednesday, September 13:

- Carefully read WMS Ch.3.4. Very important!

Reading assignment 3 - due Monday, September 18(!):

- a. Carefully read WMS Ch.3.5. Important!
- b. Carefully read WMS Ch.3.6.

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

Written assignments: Will come later.