

## Math 447 - Spring 2025 - Homework 08

Published: Tuesday, March 4, 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.3.5

MF447 lecture notes:  
ch.1 - ch.5, ch.6 (skim), ch.7 - ch.10.3

Other:  
Nothing assigned yet

### New reading assignments:

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

#### Reading assignment 1 - due: Monday, March 10:

- a. Carefully read the material concerning applications involving the negative binomial distribution of WMS ch.3.6. You need not remember the PMF and expectation and variance, but you must know when to apply this distribution! So work through all the examples given there!
- b. Carefully read WMS ch.3.7 - ch.3.8. Work through all the examples given there!

#### Reading assignment 2 - due: Wednesday, March 12:

- a. Carefully read WMS ch.3.9 and ch.3.11. Skip ch.3.10. Work through all the examples given there!

#### Reading assignment 3 - due Friday, March 14:

- a. Carefully read WMS ch.4.2 – 4.3. Work through all the examples given there!

**General note on written assignments:** I will not collect those assignments for grading but doing them might be helpful for your quizzes and exams. Be sure to work the examples!

### Written assignments:

(a) Work closed book through the examples given in the assigned reading, both in MF and WMS. The WMS examples become disproportionately more important in the application oriented course material.

That's it for the Spring Break. Enjoy your time off!