

## Math 447 - Spring 2025 - Homework 13

Published: Wednesday, April 9, 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.12

Other:  
Nothing assigned yet

### New reading assignments:

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

#### Reading assignment 1 - due: Monday, April 14:

- NONE

#### Reading assignment 2 - due: Wednesday, April 16:

- 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 MF ch.13.2.

#### Reading assignment 3 - due Friday, April 18:

- Study for the midterm!

### Written assignments:

(a) Write from memory the definitions and theorems of MF ch.12. Be sure that you can get Theorems 13.1, 13.4, and 13.5 right.

(b) Do parts 1 and 3 of Example 13.1 with pencil and paper.

### Selected answers:

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