

MATH 528B
HOMEWORK 2

SPRING 2020

The following assignment is to be turned in on
Friday, February 14th, 2020.

Reading:

- Section 3.1: (pages 29-34)
- Section 3.2: (pages 34-42)
- Section 4.4: (pages 67-73)
- Section 4.5: (pages 74-80)

Homework (turn in any 5):

- Section 4.4: Write a proof for the first Proposition under Theorem 4.18 on page 72.
- Section 4.4: Write a proof for the second Proposition under Theorem 4.18 on page 72.
- Section 4.4: (page 74) Exercises: 4.18, 4.19.
- Section 4.5: Prove Theorem 4.24.
- Section 4.5: Write a proof for the first Proposition on page 79.
- Section 4.5: (pages 80-81) Exercises: 4.20, 4.22, 4.23, 4.24, 4.28.