

MATH 528B
HOMEWORK 1

SPRING 2020

The following assignment is to be turned in on
Friday, January 31st, 2020.

Reading:

- Background: (pages 1-46)
- Section 4.1: (pages 50-56)
- Section 4.2: (pages 56-62)
- Section 4.3: (pages 63-66)

Homework (turn in any 5):

- Section 4.1: Prove Theorem 4.1
- Section 4.1: (page 56) Exercises: 4.1, 4.2
- Section 4.2: Prove Theorem 4.3, Theorem 4.4
- Section 4.2: (pages 62-63) Exercises: 4.5, 4.7, 4.9
- Section 4.3: (pages 66-67) Exercises: 4.13, 4.14, 4.16