

# Eighth Homework Assignment for Math 232 (D200)

**Due: Wednesday, November 15th.**

All section references are to the Lay text.

Reminder:

The second midterm is **Monday, November 6th** (in class). It covers up to and including Section 4.7.

Problems to hand in:

Section 4.6 problems 14, 20, 24

Section 4.7 problems 6, 14

Section 5.1 problems 4, 16, 32

Section 5.2, problems 4, 8.

Some other problems you might try:

The supplementary exercises at the end of Chapters 2, 3 and 4 can be useful in reviewing. Only in a few cases do they cover material that we skipped, and these cases are fairly easy to identify.

Reading for the next two weeks:

For Friday, review Chapters 2, 3 and 4.

For Wednesday, November 8th, Section 5.2.

For Friday, November 10th, Section 5.3.

For Wednesday, November 15th, Section 5.4.

(Optional) Sections 4.8 and 4.9 discuss the role of linear algebra in modelling signals and processes. The ideas in these sections are a good lead-in to Chapter 5.