Fourth Homework Assignment for Math 232 (D200)

Due: Wednesday, October 11th.

All section references are to the Lay text.

Reminder:

The first midterm is **Monday, October 2nd** (in class). It covers up to and including Section 2.1.

Problems to hand in:

Section 1.8 problems 32, 36
Section 1.9 problems 8, 20
Section 2.1 problems 10, 12, 14, 28, 32
Section 2.2, problem 4.

Some other problems you might try:

The supplementary exercises at the end of Chapter 1 give a nice review of the material. There are more nice true-false questions in Section 1.8, 21-22, Section 1.9, 23-24, Section 2.1, 15-16 and Section 2.2, 9-10.

Reading for the next two weeks:

For Friday, Section 2.2.
For Wednesday, October 4th, Section 2.3.
For Friday, October 6th, Section 3.1.
For Wednesday, October 11th, Section 3.2.
(Optional) Section 2.5 discusses LU-factorizations, an essential computational technique in linear algebra. Section 2.6 expands further on the economic application of Section 1.6. Section 2.7 describes how linear algebra underlies computer graphics.