

# Third Homework Assignment for Math 232 (D200)

**Due: Wednesday, September 27th.**

All section references are to the Lay text.

Problems to hand in:

Section 1.5 problems 14, 18, 30

Section 1.7 problems 8, 10, 14, 26, 38

Section 1.8 problems 6, 20.

Reminders:

The early drop deadline is September 25th. The first midterm is October 2nd.

Some other problems you might try:

To practice expressing solutions in parametric form, try Section 1.5 problems 5, 7, 9, 13, 15.

To test your understanding of linear independence, try Section 1.7 problems 33-40.

To work through the mechanics of representing linear transformations as matrices, try Section 1.8 problem 5, 9, 11, 13.

Reading for this week:

For Friday, make sure you have read through Section 1.8.

For Monday, Section 1.9.

For Wednesday, Section 2.1.

(Optional) You can also have a look at Section 1.10, which discusses describes three instances where linear models are effective.

Note:

The first midterm, on October 2nd, will cover up to and including Section 2.1.