

Tenth Homework Assignment for Math 232 (D200)

Due: Wednesday, November 28th.

All section references are to the Lay text.

Reminder:

The final exam is **Monday, December 10th** from 12:00 to 15:00. It will be held in Room 3310 at the Surrey campus and covers everything we have studied.

Problems to hand in:

- Section 6.1 problem 28.
- Section 6.2 problems 6, 8, 16, 30.
- Section 6.3 problems 6, 12, 16, 20.
- Section 6.4, problem 6.

Some other problems you might try:

True-false questions can help you think about the reading. Try Section 6.1, 19-20, Section 6.2, 23-24, Section 6.3, 21-22, Section 6.4, 17-18 and Section 6.5, 17-18.

- Section 6.4, problem 12.
- Section 6.5, problems 6, 12, 24.
- Section 6.6, problems 4, 6.

Remaining readings:

- For Friday, Section 6.3.
- For Monday, Section 6.4.
- For Wednesday, Section 6.5.
- For Friday, November 30th, Section 6.6.

(Optional) Chapter 7 has some good stuff, but it may be better to spend your time studying the stuff we have covered. One useful fact, from Section 7.1, is that *all* symmetric matrices (i.e. where $a_{ij} = a_{ji}$) are diagonalizable.