

# Sixth Homework Assignment for Math 232 (D200)

**Due: Wednesday, October 24th.**

All section references are to the Lay text.

Problems to hand in:

Section 2.2 problem 28

Section 2.3 problems 6, 18, 22 (note  $H$  is assumed to be  $n \times n$ ), 34

Section 2.6 problems 4, 6, 8

Section 2.7 problems 2, 8

Some other problems you might try:

More true-false questions: Section 2.3 problems 11, 12, and Section 2.8 problems 21, 22.

Reading for this week:

For Friday, Section 2.7

For Monday, Section 2.8

For Wednesday, Section 2.9

(Optional) Chapter 4 contains and expands upon the material of Sections 2.8 and 2.9 in a more abstract setting. If you plan to take upper division math courses, it would be helpful to look at this material. However it is not easy.