## Math 3592H Honors Mathematics I Fall Semester 2010

Correction to Assignment 12 Do not hand in question 6b from Section 2.8. It was too optimistic that would do this material in time. Thus the starred questions for this assignment should be:

Section  $2.7 1^*$ 

Extra questions 1a\*, 1b\*, 2a\*, 3\*

**Assignment 13 - Not** to be handed in. The third midterm exam is on December 9. In this exam you will be tested on the material in Sections 2.1 - 2.6 which we have studied.

The final exam will take place on Thursday December 16, 1:30-4:30, in room Molecular Cellular Biology 2-120. The final exam will be on everything we have done this semester, including Section 2.7 and the parts of Section 2.8 which we will study (see below). The final exam will not have any questions on Sections 2.9 or 2.10. Although no further homework is due, I give questions relevant for these sections so that you can practice.

**Read:** From Hubbard and Hubbard Section 2.8 only pages 232-237, the beginning of Example 2.8.6, the beginning of Example 2.8.14 and the beginning of Example 2.8.15. We will not do Kantorovich's theorem in Section 2.8. It is possible that we may also study something from Section 2.10 before the end of the semester, but you will not have homework on this or be tested on it.

## Exercises:

2.8 (pages 251-253): 2, 4, 6b, 7a, 10, 12a

2.11 (page 281): 22b, 23

There are other questions from 2.11 which are relevant, and some of these are listed on Assignment 12. There will be a further review sheet for the final exam.