11th Homework: MATH 410
Due Wednesday, 17 November 2010

1. Exercise 1 of Section 6.1 in the text.
2. Exercise 3 of Section 6.1 in the text.
3. Exercise 6 of Section 6.1 in the text.
4. Exercise 7 of Section 6.1 in the text.
5. Exercise 2 of Section 6.2 in the text.
6. Exercise 4 of Section 6.2 in the text.
7. Exercise 6 of Section 7.3 in the text.
8. Exercise 10 of Section 7.3 in the text.
10. Prove the last assertion of Lemma 1.3 in the notes.
11. Prove Theorem 1.4 in the lecture notes.
12. Prove Theorem 1.5 in the lecture notes.