

**Functional Analysis — Problem Set 5**  
**Issued: 13.4.10      Due: 19.4.10, in class**

- 5.1.** Conway, page 97, exercise 3.
- 5.2.** Conway, page 97, exercise 6.
- 5.3.** Conway, page 103, exercise 2.
- 5.4.** Conway, page 104, exercise 8.
- 5.5.** Conway, page 104, exercise 11.
- 5.6.** Conway, page 105, exercise 18.
- 5.7.** Conway, page 105, exercise 22.
- 5.8.** Conway, page 373, prove Proposition 2.5.

You can find the problems by looking up Conway's book, 2nd edition, at google books.