

## Exercises for Week 12

The work handed in should be entirely your own. You can consult Gamelin and/or the class notes but nothing else. This is the last homework of the semester, and you can choose any 8 of the following problems to receive full credit. The rest of the problems should be regarded as helping you preparing for the final exam. Due May 1st.

**Reading.** Read Sections VI. 3, 4, VII. 1-4 of the textbook carefully (better before you attempt the homework problems).

1. Section VI.3 Exercises 3, 4 (c).
2. Section VI.4 Exercises 2 (b), 3.
3. Section VII.1 Exercises 1 (a), (e), (i), 2 (b), (d), 3 (a), (d), (e), 4.
4. Section VII.2 Exercises 1, 3, 5, 8, 10.
5. Section VII.3 Exercises 2, 4, 7.
6. Section VII.4 Exercises 1, 2.