

Math 4370 – Homework 7
Due: May 6 (beginning of class)

Read:

Read §3.5, §3.6, §4.1 from the textbook. Skim through the rest of §4. We have already discussed most (but not all) of the results in §4.

Turn in:

§3.5: 1, 2, 5, 8, 9, 10, 11, 13, 14, 15, 17.

§3.6: 2, 3, 9, 12.

§4.1: 1, 4, 7.

Practice (do not turn in):

§4.2: 1, 14.

§4.3: 6, 8, 11.

§4.4: 1, 8, 9, 10.

§4.5: 3, 4, 7.

§4.6: 1, 9.

§4.7: 8, 11.

Notes:

- (i) *Collaboration*: On the homework sets, collaboration is both allowed and encouraged. However, you must write up yourself and understand your own homework solutions. You should give credit to any outside sources or collaborations.
- (ii) *Academic honesty*: All students are expected to comply with the Code of Academic Integrity. The institute honor code is available at:
www.theuniversityfaculty.cornell.edu/AcadInteg/code.html