

Math 4370 – Homework 5  
Due: March 27 (beginning of class)

**Read:**

Read §2.1 – §2.8 from the textbook.

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**Turn in:**

§2.5: 8, 9, 10, 11, 13, 17.

§2.6: 2, 3, 4, 7, 8, 9, 10, 11, 12.

§2.7: 2, 3, 5, 10, 11.

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**Notes:**

- (i) I strongly encourage you to work **extra problems** from the book on your own.
- (ii) *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.
- (iii) *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](http://www.theuniversityfaculty.cornell.edu/AcadInteg/code.html)
- (iv) Please turn in your homework in class. If there are multiple pages, please staple them. Emailed homework will not be accepted unless you have a special reason, and you have discussed your situation with me a priori. In that case, please send a single .pdf file, put your name on all pages, and make sure to number the pages.