

Week 7: Reading and Exercises

Reading

Over the next two days, please read Sections 5.1–5.3 very carefully. All of these topics are essential for success on Test 3. A student who claims to know some linear algebra should also be familiar with the material in Sections 5.4 and 7.1, but I will not test you on this. (For some majors, Section 5.5 is extremely important, but that requires you to use complex numbers.)

It may be helpful to read last week's "Reading and Exercises" again, since that covered the basic concepts of Chapter 5 in a nutshell.

Practice Exercises

NOTE: Do not hand in.

I list here the same problems I gave you last week. If you have yet to attempt these problems, please do so immediately.

- pages 308-9, #1-23 (odd), 21, 32.
- pages 317-8, #1-17 (odd).
- pages 325-6, #1-31 (odd).
- (Not on test:) pages 333-4, #1-13 (odd).