

## Math 32A-1: Homework Week 5

1. Monday, October 26: Read Section 15.1 and do exercises 15.1.4, 15.1.12, 15.1.17, 15.1.19, 15.1.23, 15.1.25, 15.1.34, and 15.1.42.
2. Wednesday, October 28: Read Section 13.6 and do exercises 13.6.25, 13.6.27, 13.6.28, 13.6.30, 13.6.37, 14.1.27, 14.1.28, and 14.1.31. Here the exercises from 14.1 are about understanding the intersections of the surfaces we will study in this lecture.
3. Friday, October 30: Read Section 15.2 and do exercises 15.2.3, 15.2.5, 15.2.10, 15.2.12, 15.2.14, 15.2.15, and 15.2.16. We will talk more about this section on Monday.
4. I will be out of town Wednesday afternoon - Friday for a research talk. Professor Erkao Bao will give Friday's lecture. My office hours this week are Monday 10-11, Tuesday 4-5, and Saturday 11-12.