

## Math 131A-1: Homework 8

Due: May 20, 2016

1. Read Sections 28, 29, and 23 in Ross.
2. Do problems 20.6, 20.13, 20.16, 20.17, 28.2, 28.5, 28.8, 28.14, and 28.16 in Ross.
3. The second midterm is Wednesday, May 18 in MS 5200, 8-8:50 a.m. It will be focused on Sections 11-12, 14-15, and 17-19. (This means it covers through the end of Homework 7, but not the material on this homework sheet.) There is a sample midterm online, which you are encouraged to work through. Next week office hours will be M 9-10, T 4-5, R 4-5 to be more compatible with the midterm timing.

There are some propositions in Sections 18 and 19 that we didn't do in class (18.4-6, 19.6). You are not responsible for already knowing those proofs, although I reserve the right to set them as *new* exercises as seems appropriate.