

# MATH 254: HOMEWORK

## CHAPTER 8

### (FAIR FOR THE FINAL!)

### (RECOMMENDED PROBLEMS; NOT TO BE TURNED IN)

Section 8.1 (p.444) #1-13 odd, 19, 27, 29, 31, 37, 45-53 odd

Look at #56.

Section 8.2 (p.450) #1-5 all, 9, 11, 13, 17, 21-27 odd

Look at #31acd.

Section 8.3: skip

Section 8.4 (p.467) #5, 9, 10, 11, 21, 49, 51, 53, 57acd (set of scalars = the complex #s)

#49, 51: The book should read: " $T: C^n \rightarrow C^m$ "

Section 8.5: skip

We may discuss this section in class, but you are not responsible for it on the final.