

# Assignment 8 (8/9)

Subhadip Chowdhury

*This homework is due in class on Friday, 8/18. You may cite results from class as appropriate. Unless otherwise stated, you must provide a complete explanation for your solutions, not simply an answer. You are encouraged to work together on these problems, but you must write up your solutions independently.*

*You are encouraged to think about the problems marked with a (★) if you have time, but you don't need to hand them in.*

Remember that you can always use the result of the previous assignment problems without proof to solve the new assignment problems.

## Problem 0★

Read section 4.3 and 5.1. We will continue with 5.1 in next class as well.

## Problem $\epsilon$ ★

Work out the True/False problems at the end of chapter 4.

## Problem 1

Problems 4.3.(2, 13, 14, 18, 22, 34, 44, 56, 57, 69).

## Problem 2★

Problems 4.2.78 and 4.1.60.

## Problem 3

Problems 5.1.(6, 10, 19, 26, 28, 29, 40 – 45)