

## ASSIGNMENT 9

DMC (Discrete Mathematics and Computing) is the textbook. Problems are also available on the class website.

**Always show your work and explain your reasoning.**

**Problem numbers refer to the version of the chapter problems on the course webpage.**

### Practice

- (1) DMC Problem 22.1
- (2) DMC Problem 23.1
- (3) DMC Problem 23.14
- (4) DMC Problem 24.1
- (5) DMC Problem 24.2
- (6) DMC Problem 24.11(a),(b)
- (7) DMC Problem 24.12(a)

### Recitation Lab (TA will work these out in lab)

- (1) DMC Problem 22.3
- (2) DMC Problem 22.5
- (3) DMC Problem 22.22
- (4) DMC Problem 23.34(a)
- (5) DMC Problem 24.3(c)
- (6) DMC Problem 24.11(m)
- (7) DMC Problem 24.51(c)

### Problems (hand these in)

- (1) [20] DMC Problem 22.14 or DMC Problem 22.25
- (2) [20] DMC Problem 23.30(c) or DMC Problem 23.34(b)
- (3) [20] DMC Problem 24.3(a) or DMC Problem 24.9(c)
- (4) [20] DMC Problem 24.10 or DMC Problem 24.11(g),(h)
- (5) [20] DMC Problem 24.50(b) or DMC Problem 24.51(b)