

Homework 3

Use the pdf problem set posted to the website, as the numbering differs from that of the text.

Recitation (ungraded; attempt these, then come see some solutions worked out in the recitation)

- (1) DMC Problem 6.15
- (2) DMC Problem 6.31
- (3) DMC Problem 6.50 (d)
- (4) DMC Problem 7.11
- (5) DMC Problem 7.39
- (6) DMC Problem 7.44 (i), (ii)

Problems (Submit solutions)

Show your work and explain your reasoning. Write in complete and grammatically sound sentences, and submit legible work. The numbers in square brackets are the amount of points each problem is worth.

- (1) [10] DMC Problem 6.7
- (2) [10] DMC Problem 6.8
- (3) [10] DMC Problem 6.17
- (4) [10] DMC Problem 6.23
- (5) [10] DMC Problem 6.29
- (6) [10] DMC Problem 7.10
- (7) [10] DMC Problem 7.12 (c)
- (8) [10] DMC Problem 7.13 (a)
- (9) [10] DMC Problem 7.28 NB: The formula given in part (b) is incorrect. Use part (a) to guess the correct formula, and then prove that formula's correctness in part (b).
- (10) [10] DMC Problem 7.42