

**MA214–003 Spring 2010**  
**Suggested Homework Problems**  
**January 15, 2010**

**WEEKLY PROBLEM SESSION:** We meet each week in **CB 313** TO BE DECIDED to discuss the latest problems.

*Quiz #1 on Friday, 29 January, on sections 2.1-2.2.*

**Section 1.1.** page 7. # 1, 3, 6.

**Section 1.2.** pages 15–16. # 2, 4, 5, 8, 9, 10, 13.

**Section 1.3.** pages 24–25. # 1–5, 9–11, 15, 16.

**Section 2.1.** pages 39–40. # 1–6, 13–16 (you can use a calculator or IODE for the direction fields).

**Section 2.2.** pages 47–48. # 1–6, 9–15, 21, 23, 24, 30.

**Section 2.3.** pages 59–60. # 1, 2, 4, 9, 12.

**Section 2.4.** page 75. # 1–10, 14, 16.

**Section 2.5.** page 88. # 2, 3, 15, 16.

**Section 2.7.** page 108. #1, 3, 5, 6, 11, 13. (You may use a calculator and or IODE.)

**Section 3.1.** page 142. # 1–8, 9–11.

**Section 3.2.** pages 151. # 1–4, 7, 8, 13, 21, 22.

**Section 3.3.** page 158. # 1–9, 10, 15–17.

**Section 3.4.** page 164. # 1–6, 7–10, 17–20.

**Section 3.5.** page 172. # 1–14.

**Section 3.6.** page 184. # 1–6, 13–16.

**Section 3.7.** page 190. # 1–4, 13–17.

**Section 3.8.** page 203. # 1–4, 6–8, 12.

**Section 3.9.** page 214. # 1, 2, 6.

**Section 6.1.** page 312. # 1–6, 7, 8, 11, 12, 15, 16, 21, 22.

**Section 6.2.** page 322. # 1–10. 11–16, 24, 25.

**Section 6.3.** page 329. # 1–6, 7, 9, 13–16,

**Section 6.4.** page 337. # 1–6.

**Section 6.5.** page 344. # 1–6.