

Problem Set # 9 (due Wednesday 14 April 2010)

**Reading:** CM 16.4-5, 18.4.

1. CM 16.4 Exercise 6, 8, 12, 14, 16  
Problems 20, 22, 34

2. CM 16.5 Exercises 12, 13, 14, 15, 18 (place these regions anywhere you find most convenient in  $\mathbb{R}^3$ )  
Problems 32, 34, 38, 40

3. CM 18.4 Exercises 16, 18  
Problems 20, 21, 22, 34