EE 2030 Linear Algebra   Chi-chao Chao
Spring 2010

Homework Assignment No. 4
Due 11:10am, May 7, 2010

Reading: Strang, Sections 4.3, 4.4, 5.1, 5.2.

Problems for Solution:

1. (a) Problem 5 in Problem Set 4.3 (p. 226) of Strang.

   (b) Problem 6 in Problem Set 4.3 (p. 227) of Strang.

2. Problem 22 in Problem Set 4.3 (p. 229) of Strang.

3. Problem 23 in Problem Set 4.4 (p. 242) of Strang.

4. Problem 31 in Problem Set 4.4 (p. 243) of Strang.

5. Problem 16 in Problem Set 5.1 (p. 253) of Strang. (You should use Rules 1 to 10 taught in class to find the determinants.)

6. Problem 24 in Problem Set 5.1 (p. 254) of Strang.

7. Problem 15 in Problem Set 5.2 (p. 265) of Strang.

8. Problem 30 in Problem Set 5.2 (p. 267) of Strang. (Note that the matrix is shown in (14) in p. 261.)