

**Introduction to Linear Algebra 2270-1****Midterm Exam 4 Fall 2003**

Exam 4 due Wed 10 December

**Instructions.** The 12 take-home problems below are to be submitted at final exam time at the date marked above. Answer checks are expected. If `maple` assist is used, then please attach the `maple` output. Please staple problems from each chapter as a group.

Chapter 6      Submit 3 problems.  
6.1: Problems 36, 41.  
6.3: Problem 12.

Chapter 7      Submit 5 problems.  
7.1: Problem 38.  
7.2: Problem 21.  
7.3: Problem 44.  
7.4: Problem 60.  
7.5: Problems 32, 48.  
7.6: Problem 35.

Chapter 8      Submit 4 problems.  
8.1: Problem 22.  
8.2: Problem 28.  
8.3: Problems 17, 27, 33.

Chapter 9      Apply these problems to HW Ch1-8.  
9.1: Problems 15, 49.  
9.2: Problem 27.  
9.3: Problems 42, 47.

Please attach this exam or a copy to the front of your submitted exam on the due date. Kindly write your name on all pages.