

CS 525 - Fall 2009 - Homework 3*

assigned 9/18/09 - due 9/25/09

Hand in Matlab diary files, as described in the previous homeworks and in the Matlab Setup handout. Annotate your listing to show the actual solutions, linear dependence relationships, or whatever else is required by the question. Some of the questions require written answers; attach them to you Matlab listings. No electronic submission for this assignment.

1. Do Exercise 2-4-6. (The data for this problem can be loaded using `load ex2-4-6`.)
2. Do Exercise 2-4-7. (Remember to do the second part of this question!)
3. Do Exercise 2-4-8. (Make up a *small* matrix A with the required properties in each case, and explain why it has those properties, and also give examples of b where necessary.)

*Must be submitted **in class** on the due date. No late homework accepted.