

**Homework #4**  
**Engineering 0012/0711 - Fall 2009**

**Due:** Monday, September 21, 2009

1. Do Problem 8 in the text, page M-95. Make sure the M-file has the proper amount of comment lines, indented text, white space, etc. Also, make sure the names of the group members are in comment lines on the top of the file.
2. Using the program you created in part 1, solve Problem 1 in the text, page M-95. Store the data in a file named prob1.dat. Store the data in rows.
3. Using the program you created in part 1, solve Problem 2 in the text, page M-95. Store the data in a file named prob2.dat. Store the data in rows.
4. Using the program you created in part 1, solve Problem 3 in the text, page M-95. Store the data in a file named prob3.dat. Store the data in rows.
5. Using the program you created in part 1, solve Problem 4 in the text, page M-95. Store the data in a file named prob4.dat. Store the data in columns.
6. Using the program you created in part 1, solve Problem 5 in the text, page M-95. Store the data in a file named prob5.dat. Store the data in columns.
7. Using the program you created in part 1, solve Problem 6 in the text, page M-95. Store the data in a file named prob6.dat. Store the data in columns.

**Deliverable:**

You will turn in your files for your group containing the M-file for part 1 and all the data files for the rest of the problems in the drop folder during the start of class.