

ENCE 203
Computational Methods in Civil Engineering II
Spring 2002
Professor Gabriel

Homework #6

Assigned: Monday March 4, 2002

Due at start of class: Monday March 11, 2002

If MATLAB is used , show printout of session.

If Excel is used show formulas that are used (can print this out).

(You may use Excel or MATLAB to check your answers for this homework but you need to use the approaches indicated in the book or specified in this homework to receive full credit).

Reading:

Chapters 10, 11, 12 (skim)

Text Problems:

Chapter 10: 10.2, 10.4 (use the Gauss-Jordan method), 10.10 , 10.13 (you may use the condition number function in MATLAB), 10.20

Chapter 11: 11.4, 11.6

Chapter 12: 12.19, 12.22