College of Engineering and Computing
Department of Civil and Environmental Engineering
CGN 2420 - Computer Tools for Civil Engineers

MATHCAD Homework

HOMEWORK 6:

Solve the following problems from your Mathcad Textbook:

5.6

5.19

6.6

6.10   For this problem, review flowchart in the textbook and program already written in Mathcad in file "Programming Examples". Write the program and use it to find at least one solution for each of the following equations:

$$x^3 - 2x^2 + 4x = 3$$

$$\sqrt{x^3} + 7x = 10$$

6.13

7.15

8.5

8.6

Due date: Thursday, April 24 2012

Note: Mathcad Exam is Thursday, April 26 2012. Time: 12:00 – 2:00 PM.

Please submit your Homework on time to the corresponding gmail account. Use only ONE Mathcad file, with each problem in a different page. Save the file with your NAME and LASTNAME. In addition print the homework and give it to your professor.