

King Fahd University of Petroleum and Minerals
College of Computer Sciences and Engineering

CISE 301 – Numerical Methods (T112)

Homework # 03 (due date & time: Saturday 17/03/2012 during class period)

***** Show all your work. No credit will be given if work is not shown! *****

Problem 1 (10 points): Problem 17.8 of the textbook.

Problem 2 (10 points): Problem 17.9 of the textbook. Don't plot.

Problem 3 (60 points): Parts (a), (b), and (d) of problem 17.16 of the textbook. Don't plot.

Problem 4 (20 points): Problem 17.18 of the textbook. Don't compute the error nor the correlation coefficient.

Problem 5 (20 points): Problem 18.5 of the textbook. Don't reorder the points.

Problem 6 (20 points): Problem 18.7 of the textbook. Don't reorder the points.

Problem 7 (10 points): Problem 18.10 of the textbook. Don't reorder the points.