

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

**CISE 301 – Numerical Methods (T112)**

**Homework # 05 (due date & time: Saturday 12/05/2012 during class period)**

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

**Problem 1 (30 points):** Parts (b), (c), (d) of problem 25.1 of the textbook. Don't plot the results.

**Problem 2 (30 points):** Parts (b), (c), (e) of problem 25.2 of the textbook. Don't plot the results.

**Problem 3 (10 points):** Problem 25.4 of the textbook. Don't plot the results.

**Problem 4 (10 points):** Part (b) of problem 25.7 of the textbook.

**Problem 5 (20 points):** Problem 26.6 of the textbook.

**Problem 6 (10 points):** Problem 26.8 of the textbook.

**Problem 7 (10 points):** Problem 27.2 of the textbook.

**Problem 8 (10 points):** Problem 27.3 of the textbook.

**Problem 9 (10 points):** Problem 27.4 of the textbook.

**Problem 10 (10 points):** Problem 27.5 of the textbook.