Homework Assignment #7

Due date – Nov. 27, 2012 (Tue) in class.

*Note: If you are enrolled to the honors section (314-200), write “HONORS” next to your name on the cover page*

**Problem 1.** Continuous-Time Fourier Transform (CTFT)
Solve problems 4.21 (b), (c), (e), (f) in the textbook.

**Problem 2.** Inverse Fourier Transform
Solve problems 4.22 (a), (b), (c), (d) in the textbook.

**Problem 3.** Continuous-Time Fourier Transform (CTFT)
Solve problem 4.23 in the textbook.

**Problem 4.** CTFT and Convolution
Solve problem 4.26 (a) in the textbook.

*(Honors Only) Problem 5.** Continuous-Time Fourier Transform (CTFT)
Solve problem 4.37 in the textbook.