Homework Assignment #5

Due date – Oct. 18, 2012 (Thu), 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 Series
Solve problem 3.22 (a) for $x(t)$ in Figure P3.22 (a), (c), (d), and problem 3.22 (c) in the textbook.

Problem 2. Continuous-Time Fourier Series
Solve problem 3.23 in the textbook.

Problem 3. Continuous-Time Fourier Series
Solve problem 3.24 in the textbook.

Problem 4. Continuous-Time Fourier Series
Solve problem 3.25 in the textbook.

(Honors Only) Problem 5. Continuous-Time Fourier Series
Solve problem 3.41 in the textbook.