Date assigned: November 22, 2000
Date due: November 29, 2000

*Homework is due at the beginning of class. Late homework will not be accepted.*

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Reading: *Signals & Systems*, Sections 4.1, 4.2, and 4.3

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You may use any computer program to help you solve these problems, check answers, etc.

**Problem 10.1** Fourier Transform
   Problem 4.1 and 4.2 in *Signals & Systems*.

**Problem 10.2** Fourier Transform of periodic signals
   Problem 4.3 in *Signals & Systems*.

**Problem 10.3** Inverse Fourier Transform
   Problem 4.4 in *Signals & Systems*.

**Problem 10.4** Fourier Transform Properties
   Problem 4.6 and 4.7 *Signals & Systems*.