

HOMWORK SET 8

DUE DATE: 4/7/16

TEXTBOOK PROBLEMS:

14.4, 14.7, 14.29, 14.39, 14.46

SUPPLEMENTAL QUESTION:

1. Determine the Laplace transform for the function $[f(t) = 5\sin \omega t]$
2. For the waveform shown below, determine:
 - a. The Fourier coefficients
 - b. The Fourier series
 - c. Verify that your Fourier series expression represents the waveform shown below

