

LAB 5

Using the program you wrote for Lab 4, add a section which computes the spectrum of this waveform. Use the Matlab function `fft` to generate the spectrum. Plot the spectrum of the waveform. You must plot the absolute value of the output of `fft` and divide it by the number of samples to normalize the spectrum. Plot the spectrum versus frequency.

Plot 8 examples of this: 2 frequencies with 4 different number of harmonics for each frequency.

Here is an example of the output you should provide.

