ECE8231 - Homework Assignment (1)

Normal Problems

2.1 (a) (c) (e) (g)

2.2

2.22 (a) (b)

Matlab Experiment Problems

2.22 (c)
Use Matlab function conv. Plot the result with proper x- and y-axis labeling and submit the plot.

   Also, e-mail the Matlab program, using name dsp_2_1.m, to yimin.zhang@villanova.edu. Please include all other functions if they are used. Comments are not required to explain the Matlab program.

2.22 (d)
Create your own Matlab program to calculate the convolution sum, without using functions like conv or filter. Plot the result with proper x- and y-axis labeling and submit the plot.

   Also, e-mail the Matlab program, using name dsp_2_2.m, to yimin.zhang@villanova.edu. Please include all other functions if they are used. Comments are not required to explain the Matlab program.

Deadline: beginning of the next class (August 30).