In order to run this code open the midterm\_top.m file. This file near the top has several parameters to set the simulations up. They are described in comments in the code. This midterm\_top.m file is a top level file that then calls blms and flms functions that I created and are located in separate files. This approach ensures that both algorithms receive the same input/desired signals, block size, mu, etc.

For the NEE I created small functions that allowed me to integrate the functions numerically using the trapz function.

All results in the midterm were generated from this code.