

EE322 Fall 08 Homework Problem Set 21 (PS21)

1. Determine the convolution of $e^{-t} u(t) * u(t)$. Find the equations for the answer, then plot your answer in MATLAB for $-1 \leq t \leq 6$. Use proper labels and a title, and include your code. Note that the unit step function you created in MATLAB can help in plotting your answer.
2. Text, Problem 6-8. Setup and solve the convolution integral.