EE 341 - Homework 5

Due Sept.21, 2018

POBLEMS from textbook

1. The answer to P2.5 b) is given by:

$$y(t) = y_{ramp}(t) - 2y_{ramp}(t-1) + y_{ramp}(t-2)$$

   Obtain an expression for $y_{ramp}(t)$

2. P 2.13 (a). i.e., determine and plot $y(t) = x(t) * h(t)$, integrating the convolution analytically.

3. Review Example 2-8: Four Interconnected Systems: Analyze, discuss, and justify your agreement/disagreement with the final result. i.e., with:

$$y(t) = \int_t^{t+1} x(\tau)d\tau$$