

EE322 Fall 08 Homework Problem Set 24 (PS24)

Be sure to show your work.

1. Find the equations for the result when you convolve $h(t) = \text{ramp}(t)[u(t-1) - u(t-2)]$ with $x(t) = \text{rect}(t - \frac{1}{2})$.
2. Find the convolution of $x[n] = \text{rect}_2[n+2]$ with $h[n] = u[-n]$.