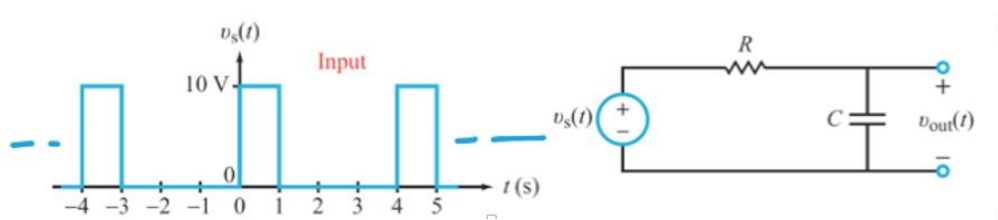


Homework # 6 EE Signals and Linear Systems

1. Use Matlab to obtain and plot the response of the RC circuit to the periodic signal $v_s(t)$, both shown below. The time constant RC of the circuit is $RC = 2$ s.



2. Determine the Fourier series coefficients for the periodic signal $x(t)$ and use Matlab to plot the signal for up to 10 harmonics.

