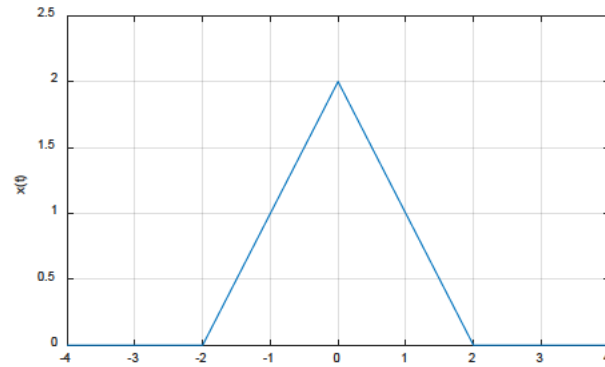


Basic signals and basic operations with signals

Given the signal $x(t)$ shown in the figure, plot the following signals:

- $x(t-3)$
- $x(t+5)$
- $\delta(t+1)$
- $2x(t-5)+\delta(t-1)$

$$\sum_k x(t - k5)$$



Given the discrete signal $x[n]$ shown in the figure, plot the following signals:

- $x[n-2]$
- $x[n+3]$
- $x[n]+2x[n-1]$
- $3x[n]-3\delta[n]$

$$\sum_k x[n - k7]$$

