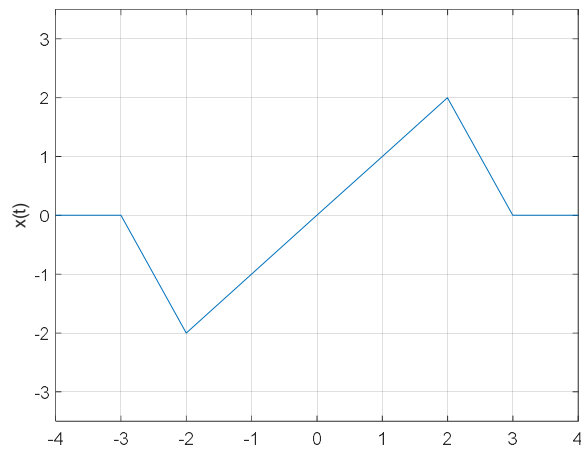


Basic signals and basic operations with signals

For continuous-time signals

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



- a. $x(t-2)$
- b. $x(t+1)$
- c. $4x(t-1)+7\delta(t)+5\delta(t-1)$
- d.

$$\sum_k x(t - k8)$$

For discrete-time signals

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

- a. $x[n-2]$
- b. $x[n+3]$
- c. $x[n]+2x[n-1]$
- d. $3x[n]-3\delta[n]$
- e.

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

