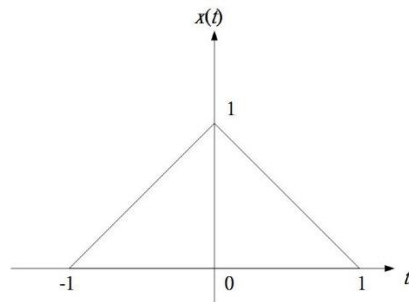


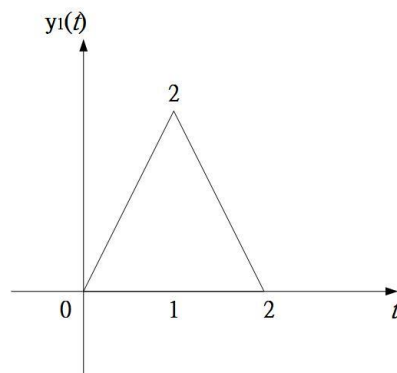
HW#1

請以數學式以下圖形。

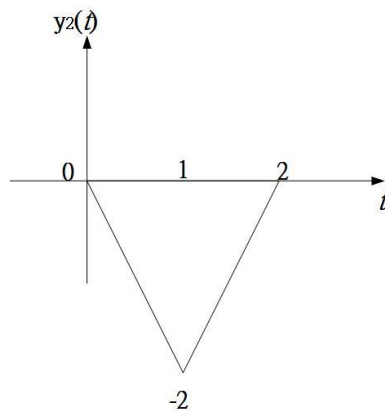
1. (a)請寫出 $x(t)$ 數學式



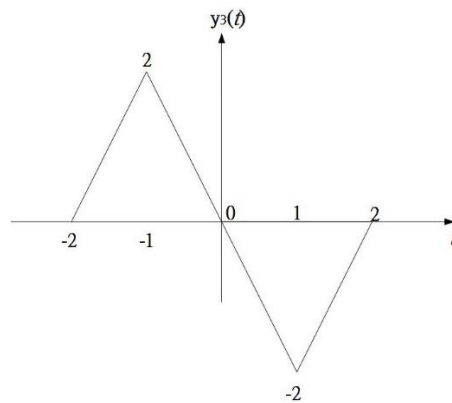
(b)以 $x(t)$ 表達 $y_1(t)$ 數學式



(c)以 $x(t)$ 表達 $y_2(t)$ 數學式

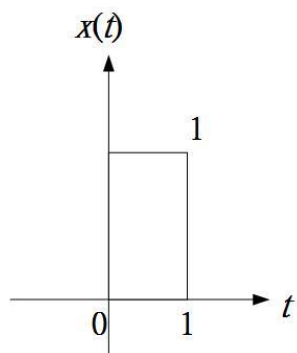


(d)以 $x(t)$ 表達 $y_3(t)$ 數學式

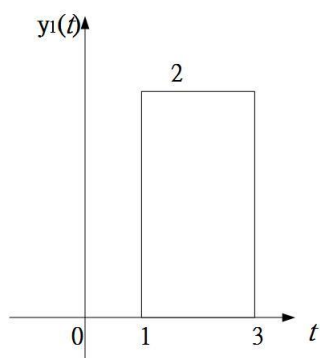


(e)請畫出 $y_3(t)+y_3(t-3)+y_3(t-6)$ 的圖形

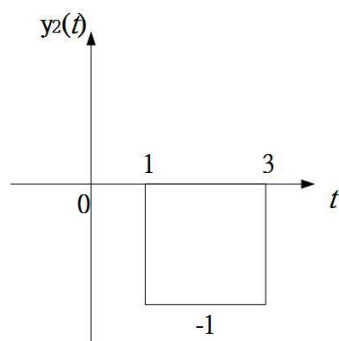
2. (a)請寫出 $x(t)$ 數學式



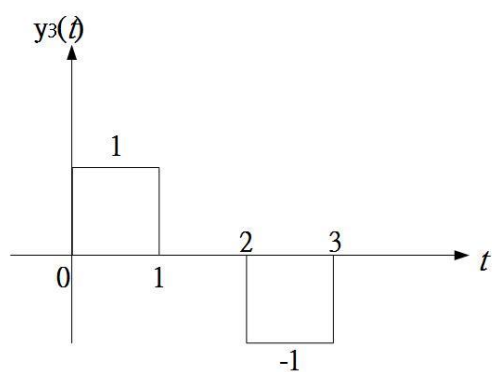
(b)以 $x(t)$ 表達 $y_1(t)$ 數學式



(c)以 $x(t)$ 表達 $y_2(t)$ 數學式

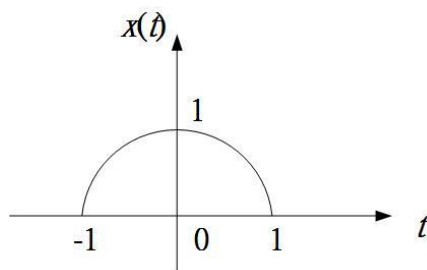


(d)以 $x(t)$ 表達 $y_3(t)$ 數學式

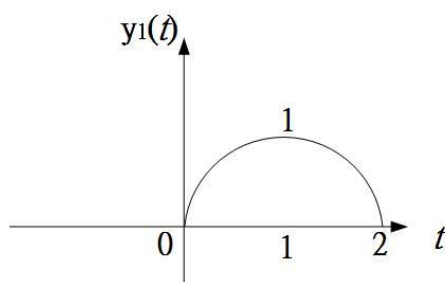


(e)請畫出 $y_3(t)+y_3(t+3)+y_3(t+6)$ 的圖形

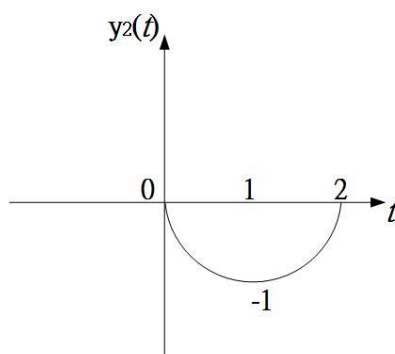
3. (a)請寫出 $x(t)$ 數學式



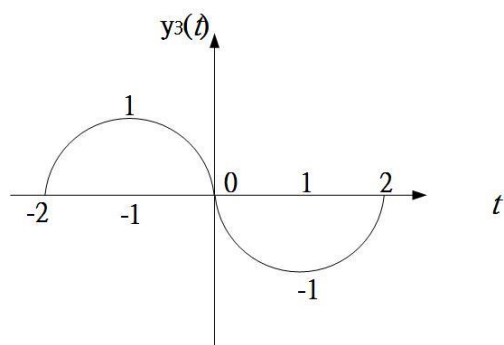
(b)以 $x(t)$ 表達 $y_1(t)$ 數學式



(c)以 $x(t)$ 表達 $y_2(t)$ 數學式



(d)以 $x(t)$ 表達 $y_3(t)$ 數學式



(e)請畫出 $y_3(t)+y_3(t-2)+y_3(t+2)$ 的圖形

