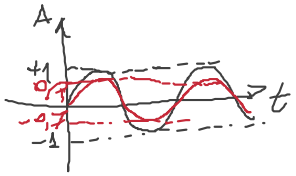
Thursday, June 3, 2021 8:11 PM

$x = A\cos(2\pi f t + \varphi)$, $A = 1$, $\varphi = 0$

$\Downarrow$

$x = \cos(2\pi f t)$



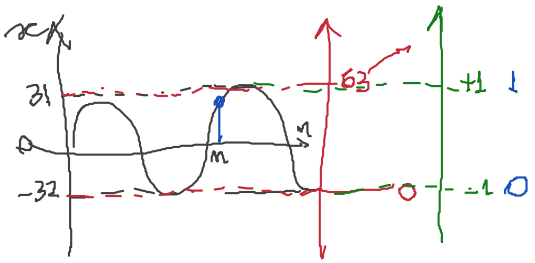
$y = c \cdot x = 0{,}7x$

$c(z)$

$y = c(z) \cdot x(t)$

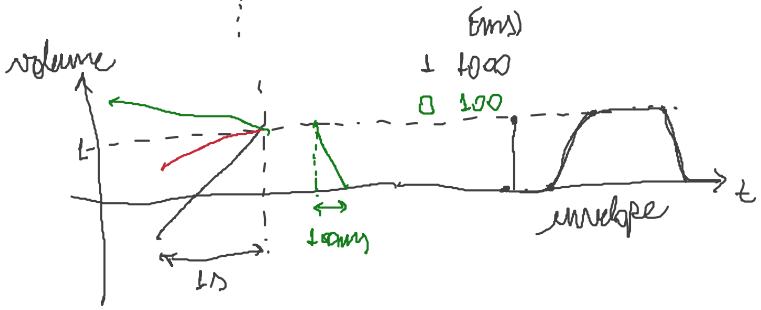
$y_1 = c_1 \cdot x_1(f_{1,1}, t) + c_1 \cdot p_1(t) = c_1 \left[x_1(f_{1,1}, t) + p_1(t) \right]$

$y_2 = c_2 \cdot x_2(f_{2,1}, t)$



$x(n) = 28{,}3$

$-13{,}2$



$b = b(t)$

$a = a(t)$

$(b-a)x + a = bx - ax + a = \boxed{a(1-x) + bx}$

$y = a(1-x) + bx$