lunes, mayo 26, 2025 12:37 AM

C)
$$y(n): x(n) - x(n-1)$$

 $y(2): x(2) - x(1) = 2^{-1}$
 $y(2): x(2) \cdot (1 - 2^{-1})$
 $T(2): \frac{y(2)}{x(2)} : 1 - 2^{-1} : \frac{z - 1}{2}$
 $T(j,a) : \frac{e^{j,a} - e^{j,a}}{e^{j,a}}$
 $: \frac{e^{j,a} \cdot (e^{j,a} - e^{-j,a})}{e^{j,a}}$
 $: \frac{e^{j,a} \cdot (e^{j,a} - e^{-j,a})}{e^{j,a}}$
 $: 2e^{-j,a} \cdot (e^{j,a} - e^{-j,a})$
 $= e^{j,a}$
 $= e^{j,$

