Wednesday, 13 March 2024 22:55

 $y(t) = \begin{cases} 0 & t \le 2 \\ \cos(t+12) \int x(w) dw & t \ge 2 \end{cases}$

3) RISPOSEA ALGRADINO N_, (+)

$$h(H) = \begin{cases} 0 \end{cases}$$

$$h(H) = \begin{cases} 0 & f \leq 2 \\ cos(f(2)) \int d(t) du & f > 2 \\ -1 & 1 \end{cases}$$

$$= 1(t-2) \cos(t+2)$$

$$= 1(t-2) \cos(t+2)$$

$$= 1(t-2) \cos(t+2)$$

h_1(+)

~1(+-2) · (+-2)

 $f(u) = \begin{cases} sign(Yu) & u \neq 0 \\ 0 & u = 0 \end{cases}$

$$h_{-1}(t) = \begin{cases} 0 & t \leq 2 \\ t - 2 & t \\ t + 2 & t \end{cases}$$

$$\frac{1}{1} = \begin{cases} cos(t+2) & t \leq 2 \\ t + 2 & t \end{cases}$$

$$\frac{1}{1} = \begin{cases} cos(t+2) & t \leq 2 \\ t + 2 & t \end{cases}$$

$$h_{-1}(t) = \begin{cases} 1 & t \leq 2 \\ t + 2 & t \end{cases}$$

RAMPA TRASCATOA

NON BIBO STABILE! X(n) REACE! $y(n) = \begin{cases} sign(1/x(n)) & x(n) \neq 0 \\ = f(x(n)) \\ x(n) = 0 \end{cases}$ = f(x(n)) = f(x(n)) = f(x(n)) = f(x(n))

1) CHUSAUTH? TRASF. ISTANTAIBA

SCHUSAUE

S) LINEARITA?

$$h(n) = \begin{cases} sign(t_{6(n)}) & \delta(n) \neq 0 \end{cases}$$
 $h(n) = \begin{cases} \delta(n) = 0 \end{cases}$

$$h(n) = \begin{cases} 1 & n = 0 \\ 0 & n \neq 0 \end{cases}$$

y (n) = 10(n) 2n, 2 reale, 12/21 $Z(N) = \sum_{K=-\infty}^{+\infty} x(K) y(N-K) = \sum_{K=-\infty}^{+\infty} x(K) y(N-K) = \sum_{K=-\infty}^{+\infty} x(K) y(N-K)$

CLCOULE Z(n)=xxy(n)

 $con \times (n) = A + cos(\theta_0 n)$

$$A^{+} \cos(Q_{0}K)$$

$$E(n) = \sum_{K=-\infty}^{\infty} x(K) y(N-K) d$$

$$= \sum_{K=-\infty}^{\infty} (A + \cos(\Omega k)) d^{n-K}$$

$$= \sum_{K=-\infty}^{\infty} (A + \frac{1}{2}e^{j\theta_{0}K} \cdot \frac{1}{2}e^{-j\theta_{0}K}) d^{n-K}$$

$$= \sum_{K=-\infty}^{\infty} d^{m} (A + \frac{1}{2}e^{j\theta_{0}(n-m)} + \frac{1}{2}e^{-j\theta_{0}(n-m)})$$

$$= \sum_{K=-\infty}^{\infty} d^{m} (A + \frac{1}{2}e^{j\theta_{0}(n-m)} + \frac{1}{2}e^{-j\theta_{0}(n-m)})$$