$\frac{2(h)}{2(h)} = \frac{1}{(u)} =$ 

 $\frac{2(t)}{2(t)} = \frac{1}{2(t)} =$ 

EVEROCUE X \* y (f) =0 RKE CO? Si)  $\mathcal{E}_{X} = [0, +\infty) \longrightarrow \mathcal{E}_{X} + y \in [0, +\infty)$   $\mathcal{E}_{Y} = [0, +\infty)$ 

 $2(n) = \sum_{k=-\infty}^{\infty} x(k) y(n-k)$   $x * y(n) = \sum_{k=-\infty}^{\infty} x(k) y(n-k)$   $x * y(n) = \sum_{k=-\infty}^{\infty} x(k) y(n-k)$ 

ES 1 STABILITA DI h(n)= n cos(Ty4n) 10(n)

2 cos(Ty4n)

NON BIBO STABILE
ECHE': VAIORI DILLE (MI) DIVERGORD

STABILITA' BIBO CON h(H) = et cos(24) 1(H)

JINCHI dt = Ln  $< \infty$ Ln =  $\int e^{-\epsilon} e^{-\epsilon} |\cos(2t)| dt$   $\leq \int e^{-\epsilon} dt = -e^{-\epsilon} \int e^{-\epsilon} dt$   $\leq \int e^{-\epsilon} dt = -e^{-\epsilon} \int e^{-\epsilon} dt$