

ES3.D

\&VGROCUE $x * y(t)=0$ RER $\in<0$ ? SI

$$
\begin{aligned}
& \varepsilon_{x}=[0,+\infty) \\
& \varepsilon_{y}=[0,+\infty)
\end{aligned} \rightarrow \varepsilon_{x * y} \subseteq[0,+\infty)
$$

$$
\begin{aligned}
\text { Gss } & z(n)
\end{aligned}=\sum_{k=-\infty}^{\infty} 3^{k} 1_{0}(n-k-1)
$$



ES1 STABILITA DI $h(n)=n \cos (\pi / 4 n) 10(n)$


STABIUTA' BABO $\operatorname{con} \quad h(t)=e^{-t} \cos (2 t) 1(t)$

$\int_{-\infty}^{\infty \infty}|\ln (r)| d t=L_{k}<\infty$
$L_{n}=\int_{-\infty}^{+\infty} e^{\infty} \cdot t|\cos (2 t)|$ 我 $(t) d t$
$\left.\leqslant \int_{0}^{0} e^{-t} d t=-e^{-t}\right]_{0}^{+\infty}=0-(-1)$

