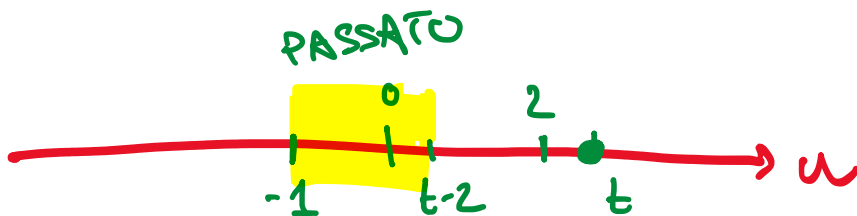


Es 1

$$y(t) = \begin{cases} 0 & t \leq 2 \\ \cos(t+2) \int_{-1}^{t-2} x(u) du & t > 2 \end{cases}$$

- 1) CAUSALE si
- 2) LINEARE si
- 3) BIBO STABILE
- 4) RISPOSTA IMPULSIVA $h(t)$
- 5) RISPOSTA AL GRADINO $h_{-1}(t)$
- 6) TEMPO INVARIANTE No



↓

$$y(t-t_0) = \begin{cases} 0 & t-t_0 \leq 2 \\ \cos(t-t_0+2) \int_{-1}^{t-t_0-2} x(u) du & t-t_0 > 2 \end{cases}$$

?

$$\equiv \begin{cases} 0 & t \leq 2 \\ \cos(t+2) \int_{-1-t_0}^{t-2-t_0} x(u-t_0) du & t > 2 \end{cases}$$

$\int_{-1-t_0}^{t-2-t_0} x(v) dv$