## 2. gyakorlat

Periodisas?

$$\sqrt{\cos\left(4+5\right)}$$
  $W=4=\frac{L\pi}{T}\Rightarrow T=\frac{1}{2}\pi$ 

$$X(t) = 2t \left( \xi(t) - \xi(t-10) \right) +$$

$$+ e^{-2t} \cdot \xi(t-10) + 1 - \xi(t)$$

$$\xi(-t)$$

$$X(L) = (2 + e^{-4E}) \xi_{(+)}$$
  
 $X'(+) = -4 \cdot e^{-4E} \cdot \xi_{(+)} + 3 \delta_{(+)}$   
 $\chi(+0)$ 

$$x(4) = \left(\xi(t) - \xi(t-\tau)\right) \sin \frac{\pi t}{\tau}$$

$$x'(4) = \left(\xi(t) - \xi(t-\tau)\right) \sin \frac{\pi t}{\tau} + \left(\xi(t) - \xi(t-\tau)\right) \frac{\pi}{\tau} \cos \frac{\pi t}{\tau}$$

$$= \left(\xi(t) - \xi(t-\tau)\right) \frac{\pi}{\tau} \cos \frac{\pi t}{\tau}$$

lin? inv?

@ y(4) = 5 u'(t) lineaus, invarians

BYELT = 42. U[1] linearis, nom invocidos

() g(t) = 5 U(t)++ ventireains, intericins

Lautalls uter impulzos la leest . beléps's

6-V Mabil: Bærndy Zovlæters gerlyekéhn rollaters Válantad