LINEARITA'

. RITAR DO

. DOAGTA'

. CAPRIADENTO M'SCACA

. TO-POSCAHONE

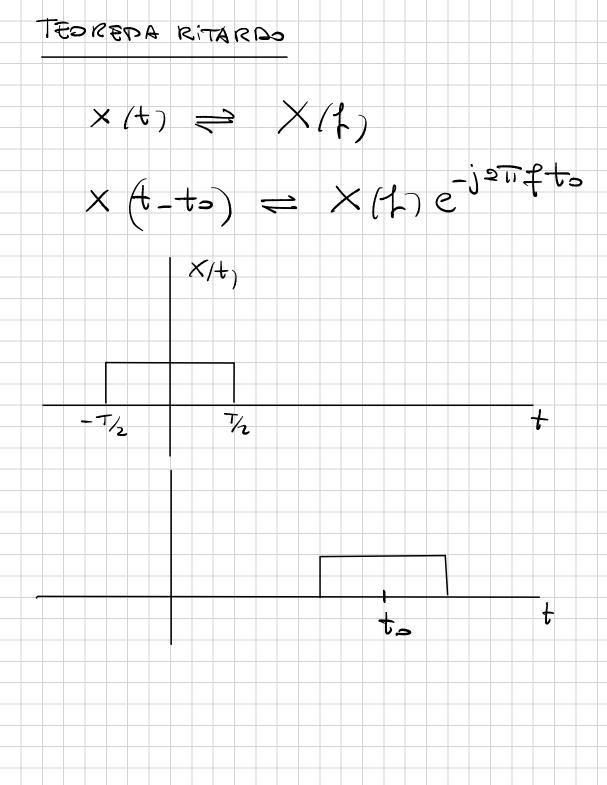
LINEARITA'

$$X_1(t) \rightleftharpoons X_1(t)$$
 $X_2(t) \rightleftharpoons X_2(t)$ 
 $X_1(t) + X_2(t) \rightleftharpoons X_1(t) + X_2(t)$ 

TEDREM TOF

= x, X, (1) + x, X2 (1)

ESERCIYS  $\times |+)$  $\times$  (t) =  $\times$  /t) +  $\times$  1 (t)  $X, (t) = reet(t) \Rightarrow 2T sinc(21T)$  $\times_2 (t) = teet (t) = T sinc (17)$  $\times$  (1) =  $\times$  (1) +  $\times$  (1) > 2T Sine (2 fT) + T Some (fT)



$$\int_{-\rho}^{\rho} \times (t-t_{\theta}) e^{-j2\pi t} dt$$

$$= \int_{-\rho}^{\rho} \times (\alpha) e^{-j2\pi t} dx e^{-j2\pi t} dx$$

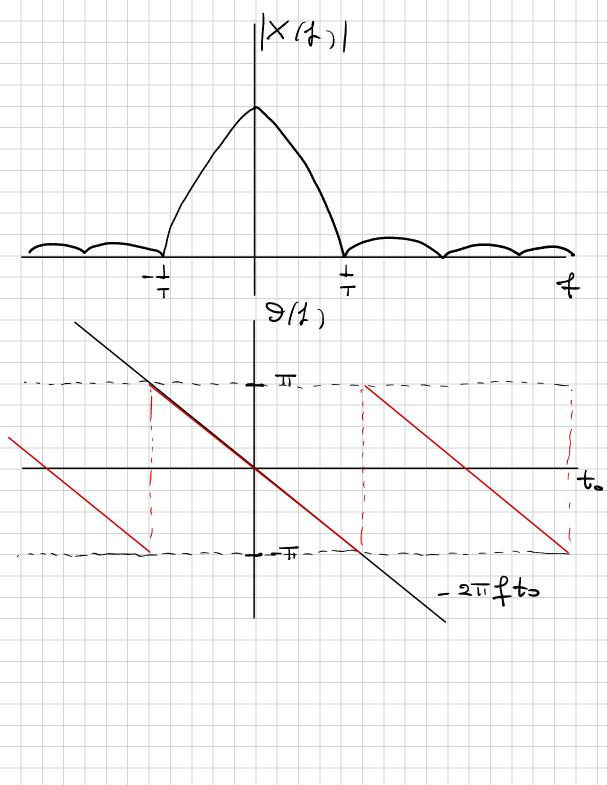
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$$\times$$
 /t)  $\Rightarrow$   $\times$  (t)

$$\times$$
 (t)  $\Rightarrow$   $\times$  (- $\uparrow$ )

$$X(f) = \int_{-b}^{b} X(t) e^{-j2\pi ft} dt$$

$$X(t) = \int_{-b}^{b} X(t) e^{-j2\pi t} dt$$

