$$\rightarrow \chi_{(jw)} = \int_{-\infty}^{\infty} \pi(t) e dt \rightarrow \int_{-\infty}^{\infty} \delta(t+1)dt + \int_{-\infty}^{\infty} \delta(t+1)dt = e + e$$

$$\chi(t) = \frac{\sin \omega_t}{r(t)} \xrightarrow{F'} \chi(j\omega) = \pi(\frac{\omega}{r\tau}) \longrightarrow \tau_s \omega_c$$
 (1)

$$\frac{1}{\pi(t)} \int_{-w_c}^{\pi(w)} \pi(\frac{w}{r_T}) e^{-j\omega t} d\omega$$

x(t); (1+65nt)= TT(\frac{t}{r_T}) = x(jw); \frac{1}{r_H} \

$$|\mathcal{M}| \quad \mathcal{M}(t) = t e^{-\frac{t}{2}t} = \frac{t}{2} \int_{-\infty}^{\infty} \frac{t}{2} \int_{-$$

$$X(t) = \frac{t \sin (\pi(\sqrt{2}))}{w + t \pi} - X(t)(w w) = \frac{t \cos (\pi + \sqrt{2})}{w + t \pi}$$

$$X(t) = \frac{t \cot (\pi + \sqrt{2})}{w + t \pi} + \frac{t \cot (\pi + \sqrt{2})}{w + t \pi}$$

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$$X(t) = \frac{t \cot (\pi +$$

-) H(jw) = h(+) = + (e + e +) a(x)