

Lec. 14

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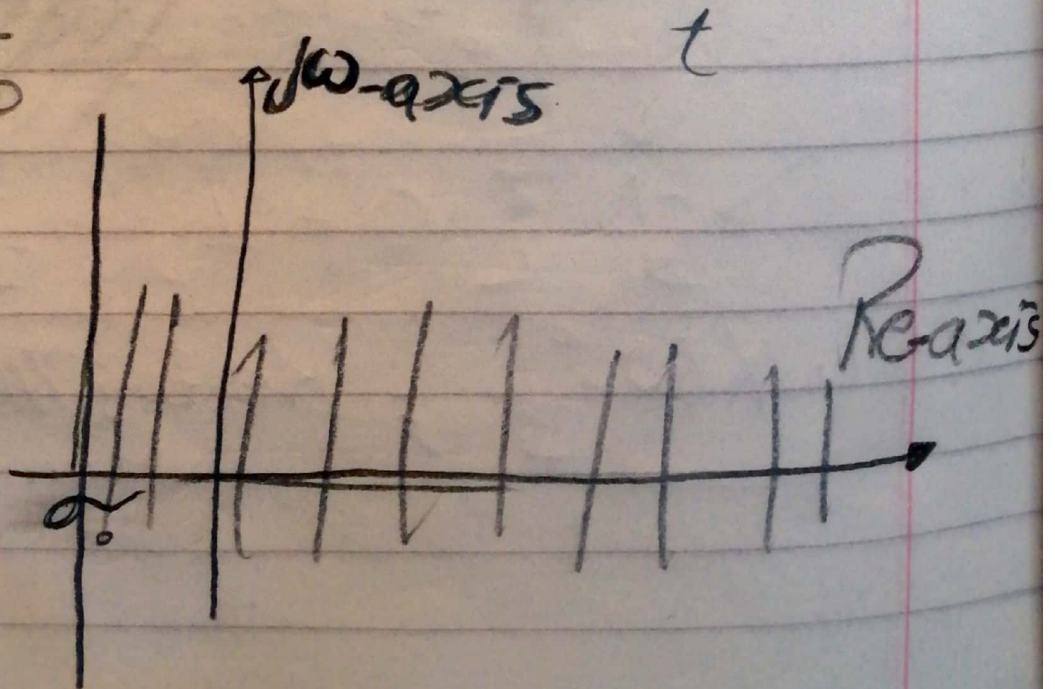
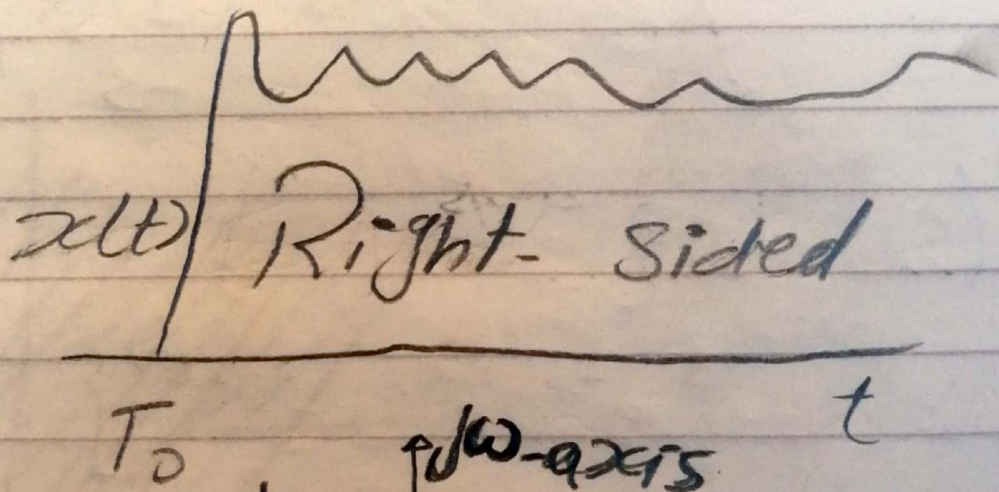
3 T_2

1 T_1 $\int_{T_1}^{T_2} |x(t)| e^{-\sigma t} dt$

σ +ve
- σ -ve

$\begin{pmatrix} -1 \\ -3 \end{pmatrix}$

$\int_{T_1}^{T_2} |x(t)| e^{-\sigma t} dt$
 $e^{-\sigma T_1} \int_{T_1}^{T_2} |x(t)| dt$



$$e^{-\sigma_0 t}$$

$$-\cancel{\sigma_0} + \sigma_1 + \cancel{\sigma_0}$$

$$e^{-\sigma_0 t} \cdot e^{-(\sigma_1 - \sigma_0)t}$$