Jeronsformada de Fourier

9.1 b) 
$$x(t) = rut(9, 1t)$$

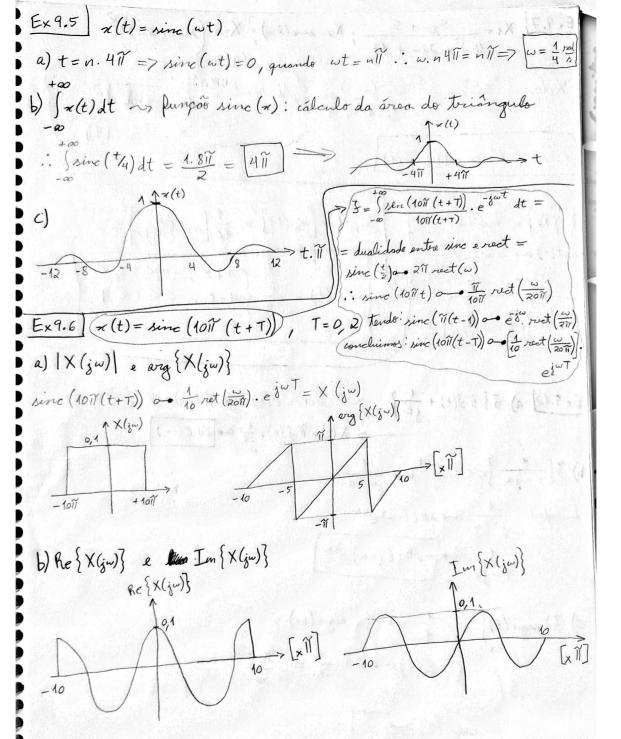
$$f = \int_{-\infty}^{\infty} ret(9, 1t) e^{-j\omega t} dt = \int_{-\infty}^{\infty} -\frac{i\omega t}{i\omega} dt = -\left[\frac{-i\omega t}{i\omega}\right]^{\frac{1}{5}} = -\left[\frac{e^{-j\omega t}}{i\omega}\right]^{\frac{1}{5}} = -\left[\frac{e^{-j\omega t}}{i\omega}$$

$$C) \times (t) = \delta(-4t)$$

$$3 = \int S(-4t) e^{-3\omega t} dt = \frac{1}{1-41} \cdot 1 = \boxed{\frac{1}{4}}$$

$$E) \times (t) = e^{-j\omega t}$$

$$f = \int_{-\infty}^{+\infty} e^{-2j\omega t} dt = -\frac{e^{-2j\omega t}}{2j\omega} \Big|_{-\infty}^{+\infty} = \lim_{n \to \infty} \frac{-e}{2j\omega} + \frac{e^{-2j\omega t}}{2j\omega} = \lim_{n \to \infty} \frac{e^{-$$



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$$\begin{array}{l} \mathbb{E} \times 9.7 \\ \mathbb{E} \times 9.7$$

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