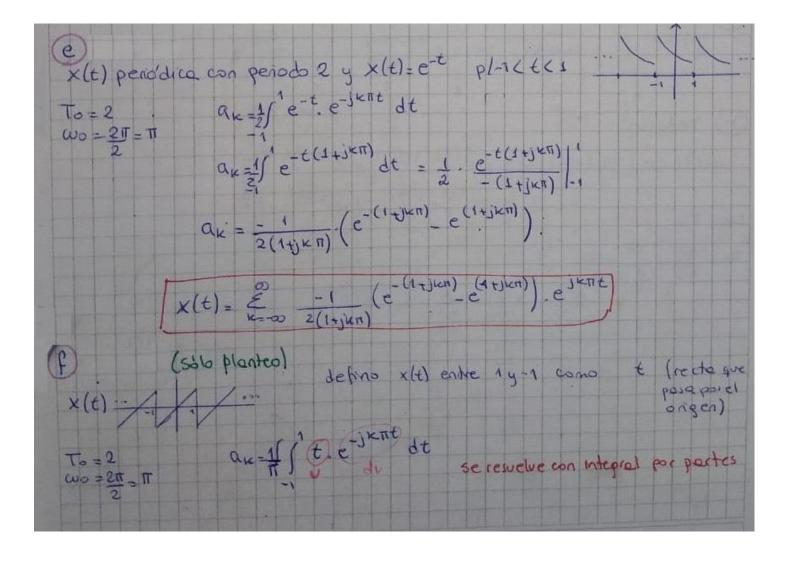
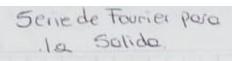


(c)
$$x(t) = \cos 4t + \sin 8t$$
 $x = 1$
 $x = 2$
 $x = 1$
 $x = 2$
 $x = 2$





$$\Delta = \frac{2\pi}{2\pi} = 0$$

$$\Delta = 2\pi$$

x(t) = cas 211t

por cuter:

$$\chi(t) = \frac{1}{2}e^{j2\pi t} + \frac{1}{2}e^{-j2\pi t}$$

1c = 1 1c = -1

$$a_{1} = \frac{1}{2}$$
 $a_{-1} = \frac{1}{2}$

$$H(\kappa\omega_{+}) = \int_{-\infty}^{\infty} e^{-4z} \mu(z) \cdot e^{-j\kappa z \pi z} dz$$

$$= \int_{-\infty}^{\infty} e^{-4z} - j\kappa z \pi z dz$$

$$= \int_{-\infty}^{\infty} e^{-2z} (4+j\kappa z \pi) dz = \frac{-1}{4+j\kappa z \pi} \cdot e^{-2z} (4+j\kappa z \pi) \int_{-\infty}^{\infty} e^{-2z} (4+j\kappa z \pi) dz$$

$$g(t) = \frac{1}{2} \cdot \frac{1}{4 + j2\pi} \cdot e^{j2\pi t} + \frac{1}{2} \cdot \frac{1}{4 - j2\pi} \cdot e^{-j2\pi t}$$