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Trabalhe 12 - CIV

$$f(t) = \begin{cases} 0 & , t < -4 \\ , t > 4 \end{cases}$$

$$f(t) = \begin{cases} 6 & , -4 \le t < 0 \\ -6 & , 0 \le t < 4 \end{cases}$$

· Po a trama, a transformada de Famin pade son abida como:

$$f = \int_{-\infty}^{\infty} f(t) e^{-\frac{2\pi i a t}{a}} dt$$

$$f = \int_{-2\pi int}^{2\pi int} dt - \int_{-2\pi int}^{2\pi int} dt = \int_{-2\pi int}^{2\pi int} dt + \dots$$

$$\frac{-3}{2\pi in} = \frac{2\pi int}{3} = \frac{2\pi$$

$$\frac{-1}{\pi i n} \left(\frac{-3e^{\circ} - (-3e^{-9\pi i n(-1)}) + \left[\frac{3e^{-9\pi i n(-1)}}{\pi i n} - \frac{3e^{-9\pi i n(-1)}}{\pi i n} - \frac{3e^{-9\pi i n(-1)}}{\pi i n} \right]}{\pi i n}$$

$$\Rightarrow \frac{-3}{\pi i \eta} \left(1 - e^{i \eta \pi i \eta} \right) + \frac{3}{\pi i \eta} \left(e^{i \eta \pi i \eta} - 1 \right)$$

$$\frac{\pi in}{h} = \frac{\pi in}{h} \frac{\pi in}{h}$$

$$\frac{f}{f} = -6 + 3 \left(e^{-h\pi i s} + e^{i4\pi i s} \right)$$

$$\frac{4}{100} - \frac{6}{100} + \frac{3}{100} \left(\frac{1}{100} + \frac{3}{100} \left(\frac{1}{100} + \frac{3}{100} \right) - \frac{1}{100} + \frac{3}{100} \left(\frac{1}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{1}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{1}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{3}{100} + \frac{3}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{3}{100} + \frac{3}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{3}{100} + \frac{3}{100} + \frac{3}{100} + \frac{3}{100} \right) + \frac{3}{100} \left(\frac{3}{100} + \frac{3}{1$$

$$\frac{1}{1} = \frac{-6}{1} + \frac{6 \exp(14\pi n)}{1}$$
Tin Tin