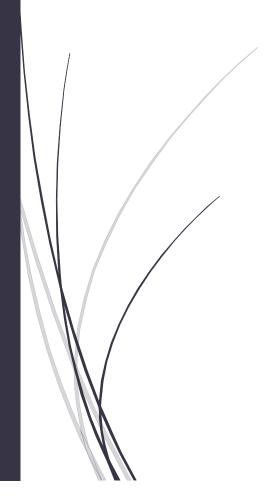
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Evidencia 1.4

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En
$$2\pi < 4 < 3\pi$$
 $f(t) = sen t$, como se sabe es impor *

pero es par porque (i) = $2\pi / \pi = 2$ $T = \pi'$
no son $2\pi = \pi'$, sono $T = \pi'$, que es simétrico a y $h = 0$

an $= \frac{1}{\pi} \int_{2\pi}^{3\pi} sent cos 2nt dt = \frac{1}{\pi} \int_{2\pi}^{3\pi} t(1+2n) + sen + (1-2n) dt$

$$= \frac{1}{\pi} \left[\frac{cos + (1+2n)}{2n+1} - \frac{cos + (1+2n)}{2n+1} \right] \frac{3\pi'}{-2n+1}$$

$$= \frac{1}{\pi} \left[\frac{cos 3\pi impor}{2n+1} - \frac{cos + (3\pi impor)}{-2n+1} + \frac{cos (2\pi impor)}{2n+1} + \frac{cos (2\pi impor)}{2n+1} + \frac{cos (2\pi impor)}{2n+1} + \frac{cos (2\pi impor)}{2n+1} \right]$$

$$= \frac{1}{\pi} \left[\frac{2}{2n+1} + \frac{2}{2n-1} \right] = \frac{2}{\pi} \left(\frac{1}{2n+1} + \frac{1}{2n-1} \right)$$

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$$= \frac{1}{\pi} \left[\frac{2}{2n+1} + \frac{2}{2n-1} + \frac{2}{2n-1} \right]$$

$$= \frac{2}{\pi} \left[\frac{2}{2n+1} + \frac{2}{2n-1} + \frac{2}{2n-1} \right]$$

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$$= \frac{2}{\pi} \left[\frac{2}{2n+1} + \frac{2}{2n-1} + \frac{2}{2$$

