$$P_g = \frac{1}{2}\left[\int_{-1}^{0} 4\,dt + \int_{0}^{1} 4\,dt\right] = 4W \rightarrow 95\%.P_g\ 3{,}8W$$

Cálculo:

$$D_0 = \frac{2j\left(1-\cos(\omega_0 n)\right)}{\omega_0 n} = 0$$

$$D_1 = \frac{2j\left(1-\cos(\pi)\right)}{\pi} = 0 + 1{,}27j$$

$$D_{-1} = 0 - 1{,}27j$$

$$D_2 = \frac{2j\left(1-\cos(2\pi)\right)}{2\pi} = 0$$

* Podemos Analisar que para todo n par $D_n = 0$

$$D_3 = \frac{2j\left(1-\cos(3\pi)\right)}{3\pi} = 0 + 0{,}42j$$

$$P_3 = P_{n_1} + P_{n_2} + P_{n_3} = 3{,}6\,W$$

$$D_{-3} = 0 - 0{,}42j$$