Solver Ejercicio 1

$$t: -1$$
 $\times (+1: | ACos(2\pi F_0 + 1)|^2$
 $\times (+1: | ACos(2\pi F_0 + 1)|^2 = A^2Cos^2(W_0 + 1)$
 $\times (+1) | ACos(W_0 + 1)|^2 = A^2Cos^2(W_0 + 1)$
 $\times (+1: | ACos(W_0 + 1)|^2 = A^2Cos^2(W_0 + 1)$

Subamos que as simatica poi poi la coul

$$\frac{A^2}{2} + \frac{A^2C_{0}(2w+1)}{2} = a_0 + \sum_{n=-w}^{N} a_n C_{0}(nw+1)$$

$$Q_0: \frac{A^2}{2}$$

$$Q_2: \frac{A^2}{2}$$

$$Q_3: \frac{A^2}{2}$$

$$Q_4: \frac{A^2}{2}$$

$$Q_5: \frac{A^2}{2}$$

$$Q_5: \frac{A^2}{2}$$

$$Q_7: \frac{A^2}{2}$$

$$C_{n} = \begin{cases} \frac{A^{3}}{A^{2}} & n = 0 \\ \frac{A^{2}}{A^{2}} & n = \{2, -2\} \end{cases}$$

$$0 \quad \forall_{n} \mid \{0, 6, -6\}$$

1 /x(+)/2d+ Fo = W6 + A (cos (2 W.4) 1/2 Fo 4 + 2 A"Cos(2Wo+) + A4Cos(2Wo+) St 1+C0012Wat 1+ 1+C00(4Wa+) dt 1 +20012W+1+ = + Cas(4Wa+1) 1+ -1/2Fo Sin (4 Wot) At

$$E_{x}(y) = \left(\frac{1}{2} - \frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} + \frac{1}{2} - \frac{1}{2} + \frac{1}{2} + \frac{1}{2} - \frac{1}{2} + \frac$$