X(t)= /Acos (21/66)/ COS (X) - 1 + COSEX X(t) = A2 cos2(enfot) - A' (1+cos (411/06)) = A2 + A2 cos (411 Fot) do + Fan cos(nwot) + 6n sen (nwot)  $a_0 = A^2$   $a_0 = \frac{A^2}{2}$   $b_0 = 0$  $c_{n} = \frac{a_{n} - jb_{0}}{2} = \frac{A^{2} - o}{2} = \frac{A^{2}}{4}$  $\ddot{x}(t) = \sum_{n=0}^{N} C_n e^{in\omega_0 t} = \sum_{n=-N}^{N} A^2 e^{jn\omega_0 t}$ on = Var 162 = V(2)2+02 = 2 Pa= (an-1(-60) = 0





