V=3 Kx2

Oscilador armarico Si'mplo.

 $X = -\omega^2 x$, $\omega^2 = \frac{K}{m}$

X(t) = D cos (wt) + Bsen (wt) X(+)=-w/cos(w/)+w/sen (wt)

 $C = V\omega + T = \frac{1}{2} \kappa A^{2}$

D'agrame de fore.

TT / T = T / T = Z (CA)

$$\dot{y} = -u^2 x$$
 $\times (x) = A_x cos(ub-cos)$
 $\dot{y} = -u^2 y$ $y(x) = A_y cos(ub-cos)$

Eliper

$$\frac{x^2}{\Delta x^2} + \frac{y^2}{\Delta z^2} = 1$$

$$5 = \infty - \beta = \pi/2$$