Example de 11-5

Oscilado amónico

$$\mathcal{U} = \frac{1}{\tau_m} \left[\rho^{7} + m^{7} \omega^{7} \lambda^{7} \right] \longrightarrow \mathcal{U} = \frac{1}{\tau_m} \left[\rho_{y}^{7} + \rho_{y}^{7} + m^{7} \omega_{y}^{7} \chi^{7} + m^{7} \omega_{y}^{7} \gamma^{7} \right]$$

$$\lim_{x \to \infty} \left[\left(\frac{dW}{dx} \right)^7, \sqrt{3} w^{\frac{7}{2}} \right] = \alpha$$

$$\frac{1}{2m}\left[\left(\frac{dw}{dx}\right)^{7}, m^{7}\omega^{2}x^{2}\right] = \alpha \qquad \longrightarrow \frac{1}{7m}\left[\left(\frac{Jw}{dx}\right)^{7}, m^{7}w^{7}x^{7} + \left(\frac{Jw}{dy}\right)^{7}, m^{7}w^{3}y^{7}\right] = \alpha = \mathcal{N}\left(f(x, \frac{3wx}{6x}), \frac{3wx}{6y}\right)$$

$$\mathcal{U}-5 \longrightarrow \frac{1}{2m} \left[\left(\frac{dw_r}{dr} \right)^7, \frac{do^2}{r^2} + \omega^2 m^2 r^2 \right] = \infty$$

$$\frac{1}{r^2}$$
 $\frac{1}{r^2}$ $\frac{1}{r^2}$ $\frac{1}{r^2}$

$$H \longrightarrow \frac{1}{rm} \left[\left(\frac{dW_r}{dr} \right)^7 + \frac{\alpha_0}{r^2} \right] + V(r) = \alpha_1 \cdot \dots \cdot (1)$$

$$\frac{dW}{dr} = \left[Zm \left(x_1 - V(r) \right) - \frac{\alpha_0^2}{r^2} \right]^{1/2} = \frac{\partial W}{\partial r}$$

Escojens

$$E(\vec{\alpha}) \longrightarrow \alpha_1 = E = \lambda \quad \omega_1 = \delta_{11} = \lambda \quad Q_1 = \epsilon \cdot \beta_1$$