$$4\pi^{2}f^{2}K = GP(\frac{4\pi R^{3}}{5\pi})$$
 $TTJ^{2} = GP$
 $SJ = \sqrt{\frac{GP}{3\pi}} = 84.15 Hz$.

$$\triangle P = \int \mp Jt \Rightarrow m\sigma = \mp t \rightarrow n = \frac{\pm t}{m}$$
 (1)

Por energia

$$\Delta T = \left\{ F \sigma J t = \frac{1}{2} F^{2} t^{2} \right\}$$

$$= \frac{1}{2} \left\{ \frac{1}{2} F^{2} t^{2} \right\}$$

Ota definición Levezic.

$$\Delta T = T = \int F J_{\times}$$

$$\frac{d\tau}{dx}\frac{dx}{dt} = \frac{T}{m} \Rightarrow \frac{m}{t} d\tau \frac{dx}{dt} = dx$$

$$7 = \int f(\frac{m}{f}\sigma) d\sigma = \frac{1}{2}mv^{2}$$

$$Sust. (1) en (2)$$

$$T = \frac{1}{2} m \left(\frac{Ft}{m} \right)^2 = \frac{1}{2} \frac{Ft^2}{m}$$

$$\frac{3}{4(x)} = -k_x + \frac{kx^3}{9^2}$$

(F(x) consenstive? - & Si.

$$V(x) = -\int -1 (x + \frac{1}{2}x^3) dx = -\frac{1}{2} kx^2 - \frac{1}{4} \frac{(x^4)^2}{a^2}$$