Solución Parcial 3

$$= \rangle T = 2\pi \sqrt{\frac{\mathcal{I}_{P}}{Mg(\frac{1}{2}+l)}} = 2.09s$$

b)
$$T_s = 2\pi \sqrt{\frac{1m}{g}} = 2.01s$$

 $\frac{1}{T_s - T_l} = 4.08\%$

$$\omega = 2\pi U$$

$$\omega^2 = 4\pi^2 V^2$$

$$\omega = 2\pi U$$

$$U = \frac{U}{\lambda}$$

$$\omega^2 = 4\pi^2 \frac{U^2}{\lambda^2}$$

Sustituzendo

$$P = \frac{1}{2} \left(\frac{m}{l} \right) \left(4\pi^2 \frac{\sqrt{3}}{\lambda^2} \right) A^2$$