$$F_{1}=268N$$
 $d=\frac{1}{2}$
 $\Delta x_{1}=2.33\times10^{2}m$
 $\Delta x_{2}=\frac{1}{2}$
 $\Delta x_{3}=\frac{1}{2}$
 $\Delta x_{4}=\frac{1}{2}$
 $\Delta x_{5}=\frac{1}{2}$
 $\Delta x_{5}=\frac{1}{2}$

★ h'= h-c = 0.03 m

$$E_{A} = E_{R} + E_{P}^{A} = mgh$$

$$E_{B} = E_{R} + E_{P}^{B} = E_{P,Q} + E_{P,Q} = \frac{1}{2} k \Delta \chi_{2}^{2}$$

$$E_{B} = E_{R} + E_{P}^{B} = E_{P,Q} + E_{P,Q} = \frac{1}{2} k \Delta \chi_{2}^{2}$$

$$h = \frac{k \Delta \chi_{2}^{2}}{2 m g} = 0.552 m$$

$$d = \frac{h}{h u P} = 1.04 m$$

PHICHIESTE

d = ?

3 DATI

$$\sum_{k=1}^{\infty} F_{k}^{k} = wa \qquad k + F_{k}^{k} = wa \qquad (F_{k}^{k} = |F_{k}| + |F_{k}|)$$

$$\Rightarrow asse y : F_{k}^{k} = N$$

$$F_{k}^{k} = wa \qquad k \qquad ax = \frac{F_{k}^{k}}{m} = \frac{\partial x_{k} g_{k} + u \partial}{\partial u} = 5.20 \text{ m/s}^{2}$$

$$(E) N(k) = 10 + 0.4$$

 \rightarrow (I) $V = a\sqrt{\frac{2\ell}{a}} = 3.2 \text{ m/S}$

$$(E) x(t) = x_0 + \alpha \cdot t$$

$$(E) x(t) = x_0 + y_0 t + \frac{1}{2}\alpha t^2 \qquad \text{in } t = 1$$

$$\Delta x = \frac{1}{2}\alpha t^2$$

$$\Delta x = \frac{1}{2}\alpha t^2$$

$$\int_{1}^{2\pi} \int_{2}^{2\pi} dx$$

$$l = d - \Delta x_{2} = 0.98 \text{ m}$$

$$\frac{\Delta x}{T}$$

Ec=En+Ep= 1wr2+ wgh' $E_A = E_C > ulgh = \frac{1}{2}ulv^2 + ulgh'$ $\frac{1}{2}v^2 = gh - gh$

$$(E_A = wgh)$$

$$= \frac{1}{2}w^2 = gh - gh$$

$$= \frac{1}{2}(h - h')$$

$$= \sqrt{2g(h - h')} = 3.2w/S$$

 $gk - gL\cos\theta_0 + \frac{1}{2}(v_0^{(1)})^2 = gL + \frac{1}{2}(v_0^{(1)})^2 = gL\cos\theta_0$

2L = 40 -0 D

(2) DATI

L = 125 eur

No = 8 W/S

MCHIESTE

VA = ?

 $V_0^{(1)} = \sqrt{2glcos\theta_0} = 4.3 \text{ W/s}$