1)
$$\Delta T + \Delta U = L_{NC}$$

$$\Delta U = mgh' - mgh$$

$$L_{NC} = -\mu mg \cos \omega (l + e^{i})$$

$$l = \frac{h}{nin} e^{i} = \frac{h^{i}}{nin}$$

$$(mg + \mu mg \cos \omega) h' = (mg - \mu mg \cos \omega) h$$

$$\frac{h'}{l} = \frac{tg \theta - \mu}{nin} = \frac{1 - 0.2}{1 - 0.2} = 0.67$$

$$\frac{h'}{h} = \frac{Tg\theta - \mu}{ig\theta + \mu} = \frac{1 - 0.2}{1 + 0.2} = 0.67$$

Dalla jarieura alla manina comprenione della molla:

2) Il fondo della bacinella esercióa in entracul: i car una Jerza ugule e coninavia alla forza jeso complemina

$$\Delta P = P$$

$$ACQUA + PALCA - P$$

$$ACQUA = (Macqua + m)g - Macque g$$

$$T (D/2)^2$$

$$T D^2$$

$$\frac{1}{3}$$

Q(t) = Q₀
$$\left(1 - 2^{-\frac{1}{2}}\right)$$
; $G(t) = Q(t)$; $E(t) = G(t) = \frac{Q(t)}{\xi_0}$

$$F(t) = qE(t) = \frac{qQ(t)}{\xi_0S}; \quad Q(t) = \frac{f(t)}{m} = \frac{qQ_0}{\xi_0Sm} \left(1 - e^{-\frac{t}{2}}\right)$$

$$V(\mathbf{z}) = \begin{cases} 2 & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{2}{9Q_0} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{2}{9Q_0} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0 & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \end{cases} = \begin{cases} \frac{7}{2} & 0 \\ 0$$

$$= \frac{qQ_0}{\xi_0 Sm} + \frac{qQ_0}{\xi_0 Sm} = \frac{\overline{\xi}}{\xi_0 Sm} = \frac{qQ_0}{\xi_0 Sm} = \frac{1}{\xi_0 Sm} = \frac{qQ_0}{\xi_0 Sm} = \frac{1}{\xi_0 Sm} = \frac{$$

4) Le lène d'eauge elettrice sond conconferente certificité sull'one de solemoite.

Solemonde d'engre R:

\$\int \beta \overline{\mathbb{E}} \cdot \overline{\mathbb{E}} \cdot \overline{\mathbb{E}} \cdot \overline{\mathbb{E}} \cdot \overline{\mathbb{G}} \overline{\m

JE NOR S=TIR' => EZTTR = -MONKTTR'

re I gira in server orano, E é dirette langente alle concomference d' rossor R, nel verse antionair e d'internita

JE (RZR) = MOMKR' 1 Z R FETTR = -MONKTIR'

=) | E(rep) = MOMK r