a) 
$$6 = \frac{F}{5} = EE = E \stackrel{\triangle e}{=} = \frac{F}{5} = E \stackrel{\triangle e}{=} = \frac{G}{5}$$

$$\frac{m_a g}{\pi \frac{d^2}{4}} = E \stackrel{\Delta Q}{=} = A \stackrel{=}{\longrightarrow} \Delta Q = \frac{m_a g Q}{\pi \frac{d^2}{4}} = 3,66 \cdot 10^{-3} \text{ m}$$

b) 
$$\triangle r = -v \triangle Q \Rightarrow \triangle r \cdot 100 = [0.0026 \%]$$

a) 
$$\sigma = \overline{\xi} = \varepsilon = 0$$
  $= \varepsilon = \varepsilon = 0$   $= \varepsilon =$ 

Th.

ESERCITAZIONE

The coach a separate of

$$\xi(x,t) = A \operatorname{Nin}(Kx - \omega t + \varphi) = A \operatorname{Nin}\left(2\pi\left(\frac{x}{\lambda} - \frac{t}{T}\right) + \varphi\right)$$

$$\xi(0,0) = A \operatorname{Nin}(\varphi) = y_{0,0} \implies \varphi = \operatorname{anonin}\left(\frac{A}{y}\right) = \frac{\pi}{2}$$

$$\xi (x,t) = A Div \left(2\pi \left(\frac{x}{\lambda} - \frac{t}{\tau}\right) + \frac{\pi}{2}\right) = \left[A \cos \left(2\pi \left(\frac{x}{\lambda} - \frac{t}{\gamma}\right)\right)\right]$$

5 (x,t)=?

b) 
$$\xi(x,t) = A rie \left(2\pi \left(\frac{x}{x} - tf\right)\right)$$

13) Hp.

M marso viinforme

L lungherra

Th.

a) Demostrare che v=1897 per ande trarverrali.

b) Dienatrare t= 1 per percone tutta la fine

c) a) e b) dipendono da M=?

a) v= \[ \frac{1}{\pi} = \frac{\pi yg}{\pi} = \frac{199}{\pi}

in quanto T non è costante

b) Ny = 198' => dy = 189'

=> dy = dt => 5 dy = 5 ot

七=奇了。红雪如=黄何二=

=> t=2\[ \frac{L}{g}

C) No, non dipendono dalla marra (M).