Soweron Fisica 24/1/20 1) $t_i = Tenye d' solita de la l'

<math display="block">T_i = \frac{V_{oy}}{g} \quad l_i = \frac{1}{2} \frac{V_{oy}}{g}$ 2h × Tr= Tenyo d' direcen de li+h a O => T2 = \(\frac{2l_1}{g} + \frac{2l_1'}{g} = \) \(\frac{2l_1}{g} + \frac{\vartheta_0'}{g^2} = \frac{1}{g} \) \(\frac{2gl_1 + \vartheta_0'}{g^2} = \frac{1}{g} \) \(\frac{2gl_1 + \vartheta_0'}{g^2} = \frac{1}{g} \) jer coljne il bessagle r'deve avere cle 2h= Vox (T,+Tz) = Vox Voy + Vox Vzgh+Vo; Vox = Vo Voy = Vo =) 29h = vo + Voga+ vot => 4 g'h' + V/ - 2 g h vo' = Vogh + Vot 3 vogh = 4 gh => vo = V = gh 2) Per fare un gors complété deve avere, alla sommité dell'anelle, una velocità uniniva Talè de Rn=0 Jugit Vuin= Vrg. Quind BU+BT=0 Mg2r-mgh + 1 m v= 0

 $y2x - mgh + \frac{1}{2}mv_m = 0$ 2x - h + x = 0 = $A = \frac{5}{2}x = 30 \text{ cm}$

$$C = \frac{Q}{V} = \frac{Q}{E_0[(d-T) + \frac{T}{\xi_n}]} \qquad E_6 = \frac{Q}{E_0} = \frac{Q}{A \xi_0}$$

$$C = \underbrace{A \mathcal{E}_{o}}_{(d-\tau) + \frac{\tau}{\mathcal{E}_{n}}} = C_{o} \frac{d}{d-\tau \left(1 - \frac{1}{\mathcal{E}_{n}}\right)}$$

Con il metallo

$$V = E_0(d-\tau) \Rightarrow C' = \frac{A E_0}{d-\tau} \quad \text{wai} \quad E_1 = \infty$$

$$C' = C \left[1 + \frac{\tau}{E_1(d-\tau)} \right]$$

$$B_3 2 \overline{u} r = \mu_0 i - \mu_0 i \overline{\Pi(r^2 - b^2)}$$
 done $\overline{T} = -i \overline{\Pi(c^2 - b^2)}$

$$\frac{n \geq c}{\beta_{+} = 0}$$