PNG. 464 N 6 m = 0.80 kg  $V_0 = 1.1 \text{ m/s}$   $V_0 = 1.1 \text{ m/s}$   $V_0 = 1.1 \text{ m/s}$ 

$$C_{N} = K_{N} + U_{8N} = \frac{1}{2}m_{N}c^{2} + mgh$$

$$= \frac{1}{2}(980kg)(1/1 \frac{m}{3})^{2} + (980kg)(9,8 \frac{m}{3})(950m)$$

$$= 4,404 J = 4,4 J$$

CALCOLIAMO L'ENERGIA ALLA BASE DEL PIANO INCLINATO



$$t_{BAJE} = V_{NC} + c_{NN} = ASSURDO= -5,0J + 4,4J < 0 PERCHÉK 7.0$$

QUINDI NON RAGGIUNGE CA BASE

DOVE SI FERMAIL CARRELLO? h'= (1-15)ん (1-13): れーコル IN PCE SOLD EN. POTENSIXLE CP= mgh EN= 4,404 J 980-98.950(1-5) - 4,404 = -5,053,92(1-5)-4,404=-5,05

$$S = \frac{\sqrt{2}}{2\Omega}$$

$$S = \frac{-1,1^{2}}{2\left(-\frac{5,0}{980} + \frac{98}{2}\right)} = 0,448 \text{ m} \approx \frac{2}{2\left(-\frac{5,0}{980} + \frac{98}{2}\right)} \approx 9,45 \text{ m}$$