

Fza. conservativa -> Ep assaiada

Them $e/A \eta B$: $0 = \frac{1}{2} m N_B^2 - mgh \Rightarrow N_B = \sqrt{2gh} \Rightarrow \sqrt{N_B} \sim 7,67 m/s$ Them $e/A \eta C$: $-4d mg d = \frac{1}{2} m N_C^2 - mgh$ $\frac{1}{2} kAx^2 - mgh = \frac{1}{2} m N_C^2 - mgh$ $\Rightarrow N_C = \sqrt{\frac{k}{m}} \cdot \Delta x \Rightarrow \sqrt{N_C} = \frac{1}{4} (N_B \sim 2 - mgh)$

$$M = 1 \text{ trop}$$
 $N = 2 \text{ m/s}$
 $N = 4 \text{ m/s}$
 $N =$

PX: = PXf => MINI = MANA KOBA + MBNBX (1)

Py: = PYF = 0 = MANA SUNDA + MB NBY (2)

Le (1): NBX = MN N: - MANANOA = 2,93 M/2 | FB = (2,93;0,53) (M/2)
Le (2): NBY = -MANANINOA N-0,53 M/2

c) Emi = 1 m/ 1/2 = 2j Emf = 1 m/ 1/2 + 1 m/2 | 1/2 | 2,86] = m/ > Emi