M = 2 kg K = 10 N/m Dx=0.2 m m = 0.2 kg e = 1 m No,m = No, n = 0 t(e) = ?Nm, Ny al distacco dalla molla m 2m + M 24 = 0 m 2m + M 2m = 0 Jm= Jm+ JH Jm= 2/kax/Dx 2m = 2m + 2H 2 K Dx2 - 1 m5/2 * \\ \frac{1}{2} m \(\sigma_m + \frac{1}{2} \) \(\sigma_m \sigma_m + 2m= - m 24 $\int_{M} \frac{1}{M^2} \int_{M}^{2} + M \int_{M}^{2} = N \int_{M}^{2} \Rightarrow \int_{M}^{2} = - \int_{M} \sqrt{\frac{M(M+N)}{M(M+N)}} =$ = -0.135 m/s $\Rightarrow \mathcal{N}_{m} = \Delta x \left(\frac{\pi k}{m(m+\pi)} = 1.35 \text{ m/s} \right)$

$$\int m \sqrt{m} + M \sqrt{\eta} = 0 \implies \sqrt{\eta} = -\frac{m}{\eta} \sqrt{m}$$

$$\int m = \sqrt{m} + \sqrt{\eta}$$

$$\Rightarrow \sqrt{m} = \sqrt{m} - \frac{m}{H} \sqrt{m} \Rightarrow \sqrt{m} = \frac{m+H}{H} \sqrt{m} = 1.48 \text{ m/s}$$

$$\sqrt{\pi_{1}} = ?$$
 $\Delta x_{1} = 0.1 \text{ m}$

$$\begin{cases} 2 \kappa N_{m,+} + 4 N_{m,-} = 0 \\ \frac{1}{2} \kappa N_{m,-} + \frac{1}{2} m N_{m,-} + \frac{1}{2} m N_{m,-} + \frac{1}{2} k N_$$

$$\Rightarrow \sqrt{M'} = \sqrt{\frac{M'(N^2 - N')}{M'(M+M)}} = 0.017 M/3$$

$$\Delta x_{2,mox} = ? : \sqrt{m_2} = \sqrt{n_2} = 0 \Rightarrow \frac{1}{2} k \Delta x_2^2 = \frac{1}{2} k \Delta x_2^2$$

$$= \Delta x$$

$$\int_{\infty}^{\infty} \int_{\infty}^{\infty} dx + \int_{\infty}^{\infty$$