

$$m_{A} = 5 \text{ kg}$$
 弹簧原长 $l_{0} = 3.00 \text{ m}$
 $m_{B} = 1 \text{ kg}$ 弹簧长度 $l = 2.89 \text{ m}$

弹簧 $k = 60$ 初速度 $v_{0} = 10 \text{ m/s}$
 $v_{\pm} = \frac{m_{B}}{m_{A} + m_{B}} \cdot v_{0} = 1.67 \text{ m/s}$
 $v_{\pm} = \frac{m_{B}}{m_{A} + m_{B}} \cdot v_{0} = 1.67 \text{ m/s}$
 $v_{\pm} = \frac{m_{B}v_{0}\cos wt + v_{\pm}}{m_{A} + m_{B}} \quad v_{\pm} = \frac{m_{B}v_{0}\cos wt + m_{B}v_{0}}{m_{A} + m_{B}} = \frac{m_{A}v_{0}\cos wt + m_{B}v_{0}}{m_{A} + m_{B}}$

MAMMA

当前质量

+1

+10

-10

