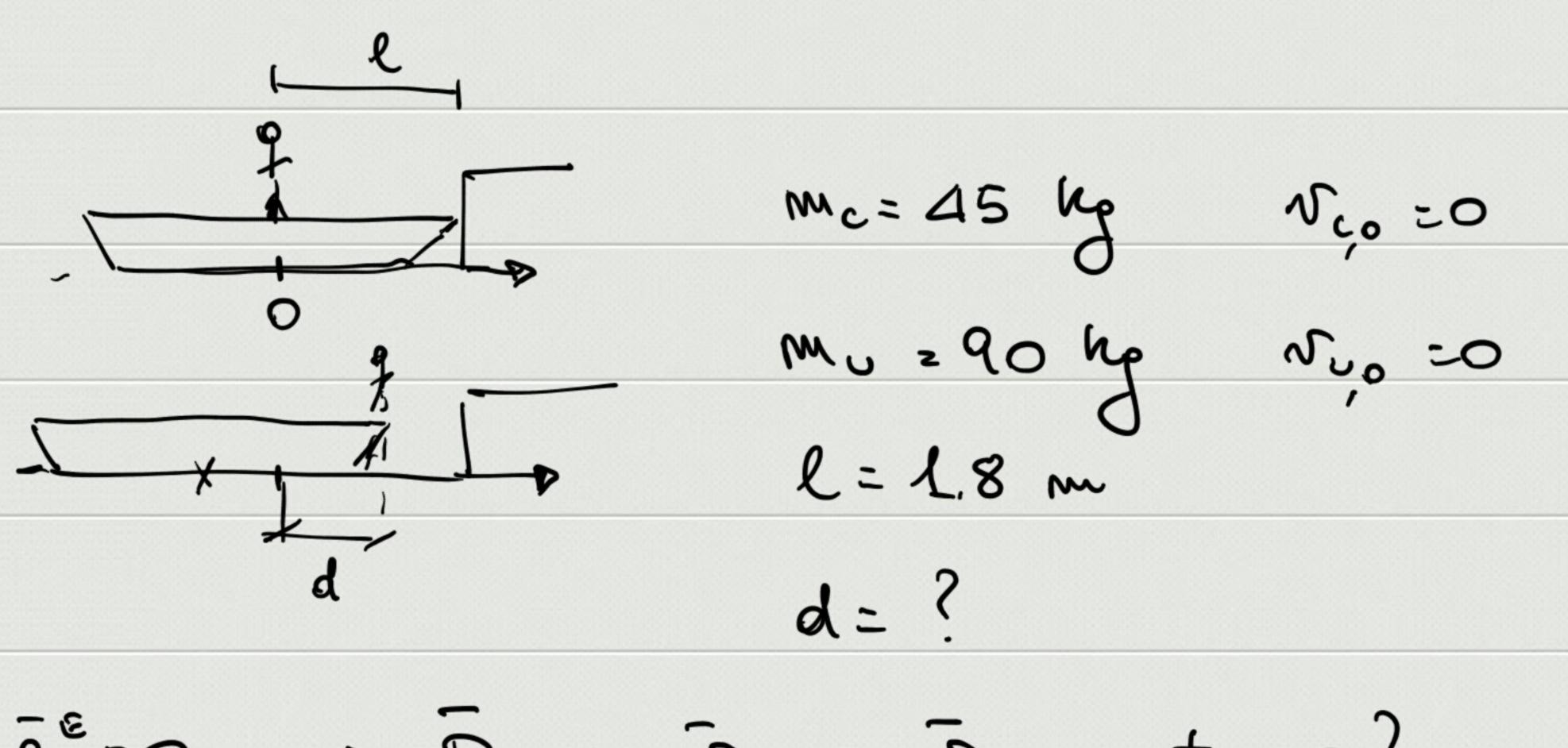
$$N_A = 80 \text{ km/h}$$
 $O_P = 80^\circ$ 
 $|\vec{N}_P| = ?$ 
 $N_P = \vec{N}_P + \vec{N}_A$ 
 $N_P = \vec{N}_P + \vec{N}_A$ 
 $N_P = \vec{N}_P - \vec{N}_A$ 



$$\bar{R}^{\epsilon} = 0 \implies \bar{P} = m_{\nu}\bar{n}_{\nu} + m_{\nu}\bar{n}_{\nu} = cost = 0$$

$$\lim_{\epsilon \to \infty} \int_{-\infty}^{\infty} v_{cr} = cost = 0$$

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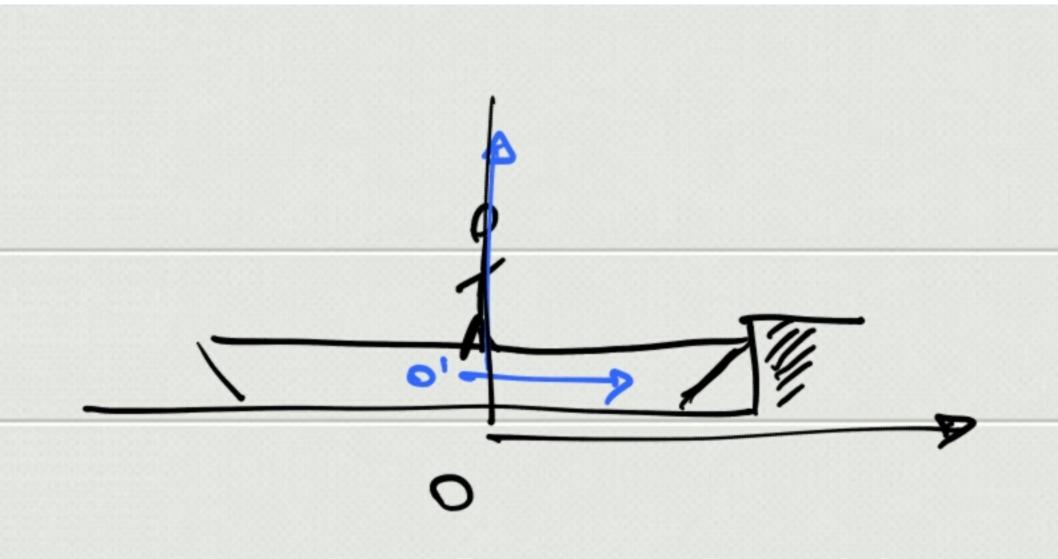
$$x_{c\eta} = \frac{m_{\upsilon} \not \sigma + m_{c} \not \sigma}{m_{\upsilon} + m_{c}} = 0$$

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$$x_{c\eta} = \frac{m_{\upsilon} \not \sigma + m_{c} (d-e)}{m_{\upsilon} + m_{c}}$$

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$$\Rightarrow d = \frac{mc}{mu + mc} l = 0.6 m$$



$$\overline{x}_{o}$$

$$|\overline{R}^{\varepsilon} = 0| \Rightarrow |\overline{P} = cost = 0$$

$$= |\overline{R} = |\overline{R}$$

$$\int M \cup X \cup + M \cup X \subset = 0$$

$$\int X \cup = \chi \cup + \chi \subset$$

$$\Rightarrow \chi_{c} = -\frac{m \sigma}{m c} \chi_{c}$$

$$\Rightarrow x_{0} = \left( -\frac{m_{0}}{m_{c}} x_{0} \right) \Rightarrow x_{0} \left( 1 + \frac{m_{0}}{m_{c}} \right) = \left( \frac{1}{m_{0}} \right)$$

$$\Rightarrow c_0 = \frac{m_c}{m_c + m_0} e$$