

$$\frac{1}{M_0}(\overline{V_1}) = \overline{OR} \, \Lambda \, \overline{V_1} = -\overline{OR} \cdot \overline{V_1}$$

$$\frac{1}{M_0}(\overline{V_2}) = \overline{OR} \, \Lambda \, \overline{V_2} = \overline{OR} \cdot \overline{V_2}$$

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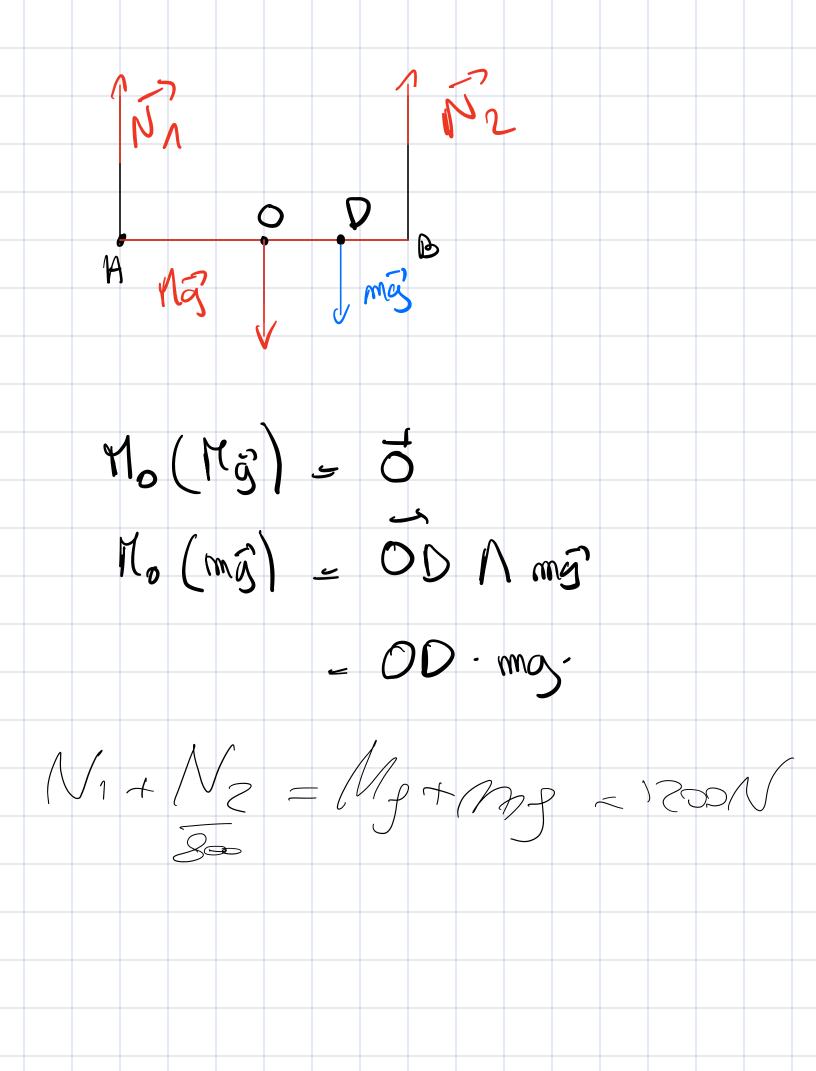
$$\frac{1}{M_0}(\overline{V_2}) = \overline{OR} \, \Lambda \, \overline{V_2} = \overline{OR} \cdot \overline{V_2}$$

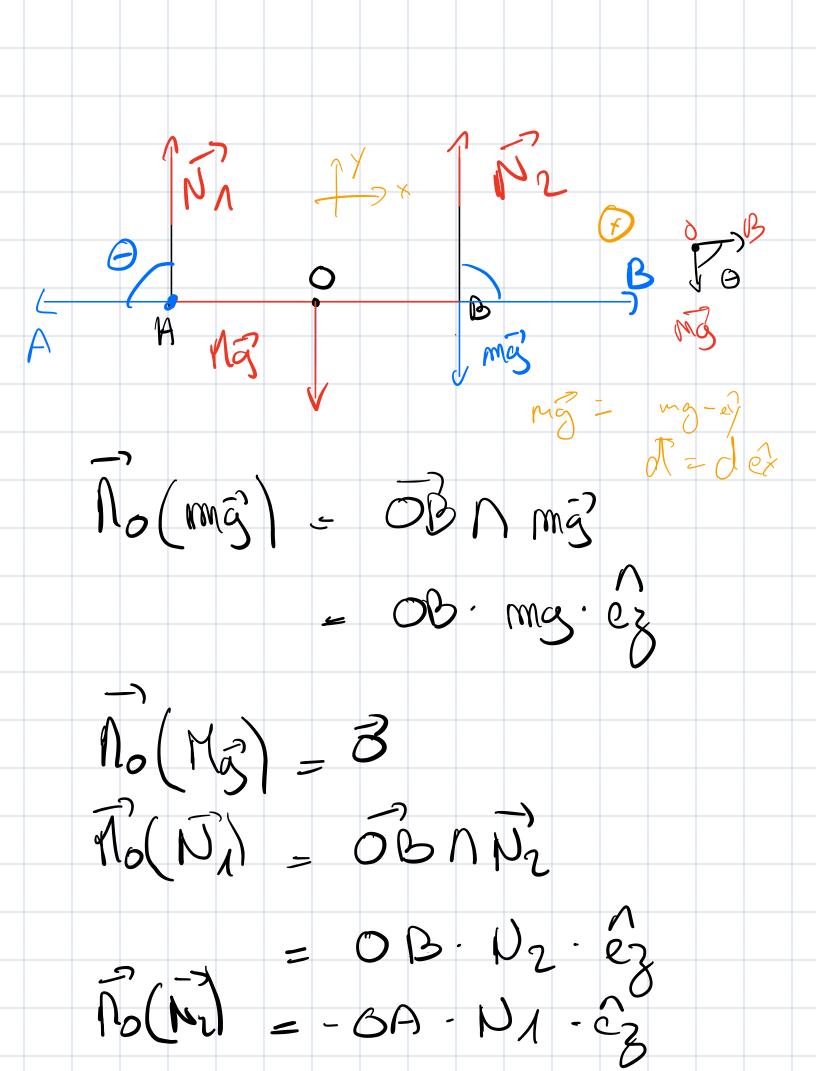
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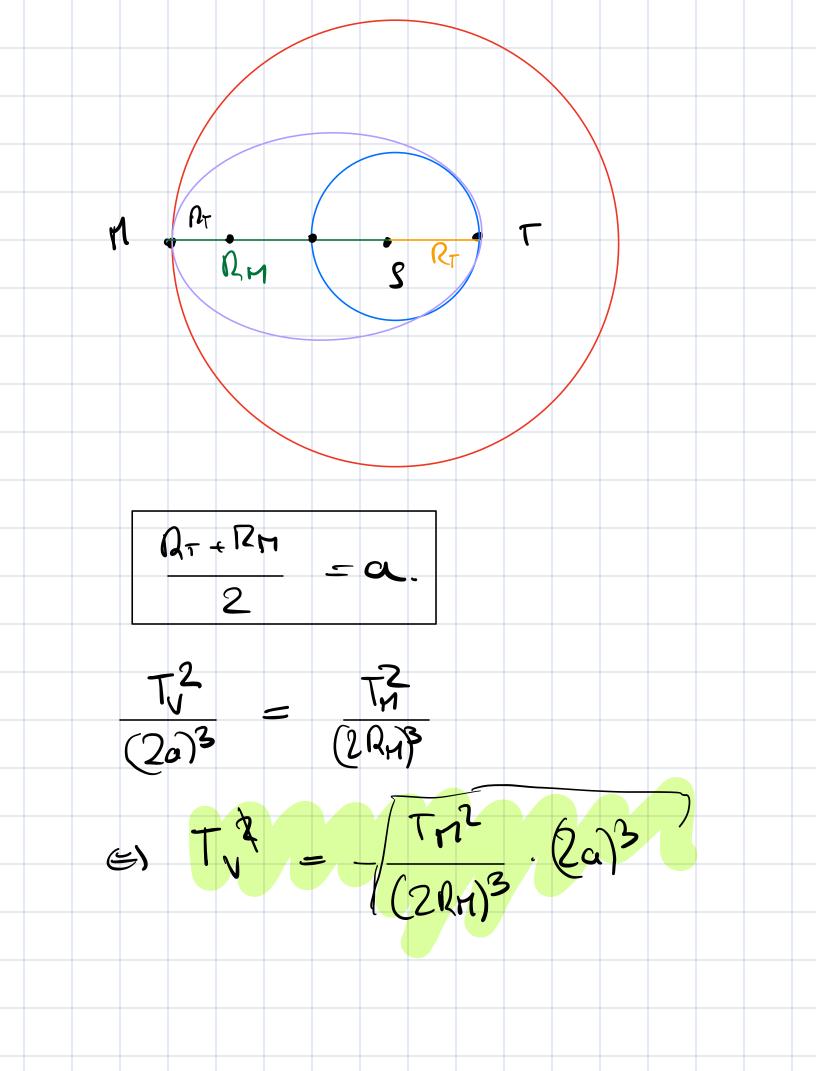


(a)
$$k = \frac{T_{N}^{2}}{(2R_{H})^{3}} = \frac{T_{\tau}^{2}}{(2R_{\tau})^{3}}$$

$$= \frac{(2RH)^3}{(2R+3)^3} - T_7^2$$

$$= 684 \text{ jus}$$

$$(c) \quad \overrightarrow{M}_{SM} = \overrightarrow{r}_M \quad \overrightarrow{N} \quad \overrightarrow{F} = \overrightarrow{O}.$$



$$\frac{1}{2} = \frac{1}{6} = -6. \text{ Ms. nv} \cdot \frac{1}{7}$$

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$$\frac{\left(RM \cdot V_{A}\right)^{2} - 2G \frac{R_{G}}{R_{T}}}{\left(RM \cdot V_{A}\right)^{2} - 2G \frac{R_{G}}{R_{T}}} = V_{A}^{2} - 2G \frac{R_{G}}{R_{T}}$$

$$\frac{\left(RM \cdot V_{A}\right)^{2} - V_{A}^{2}}{\left(RM \cdot V_{A}\right)^{2}} - 2G \frac{R_{G}}{R_{T}}$$

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VA RM-RT = 2 GM RM-RT
RT2

$$R_{M} = x R_{T} = y$$

$$x^{2} = k(x-y)$$

$$y^{2} = k(x-y)$$

$$x^{2} = k(x-y)$$

Celle Equal est volde per le volseeux mais aux per la Tene de vivere

$$\begin{array}{c}
(RM + Rr)RM \cdot VA^{2} = Rr \cdot (Vr)^{2} \\
2RT
\end{array}$$

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(RM + Rr)RM \cdot VA^{2} = Rr \cdot (Vr)^{2} \\
2RT
\end{array}$$

$$\begin{array}{c}
VA^{2} = (Vr)^{2} \cdot 2(Rr)^{2} \cdot (Rrr + 2r)RM
\end{array}$$

$$\begin{array}{c}
VA^{2} = 2(Vr)^{2} \cdot \frac{(Rrr)^{2}}{RM^{2} + RrRn}
\end{array}$$

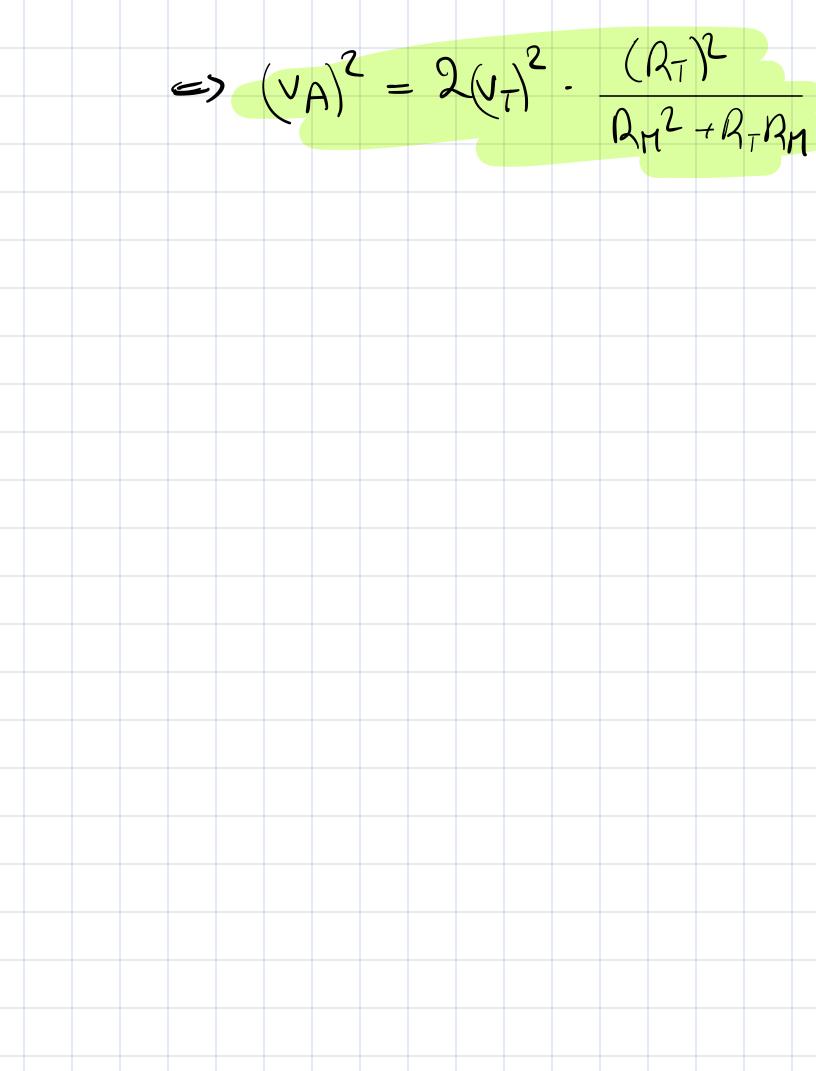
$$\begin{array}{c}
(Rrr + 2r)RM
\end{array}$$

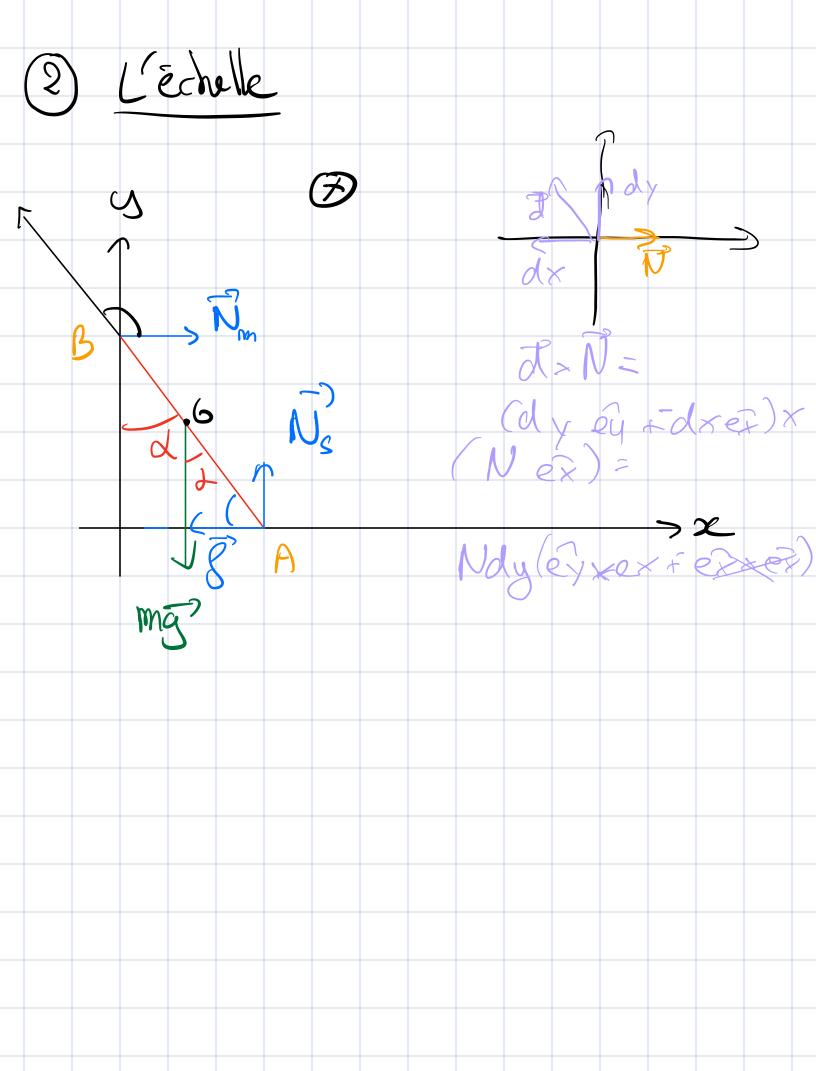
$$\begin{array}{c}
VA^{2} = 2(Vr)^{2} \cdot \frac{(Rrr)^{2}}{RM^{2} + RrRn}
\end{array}$$

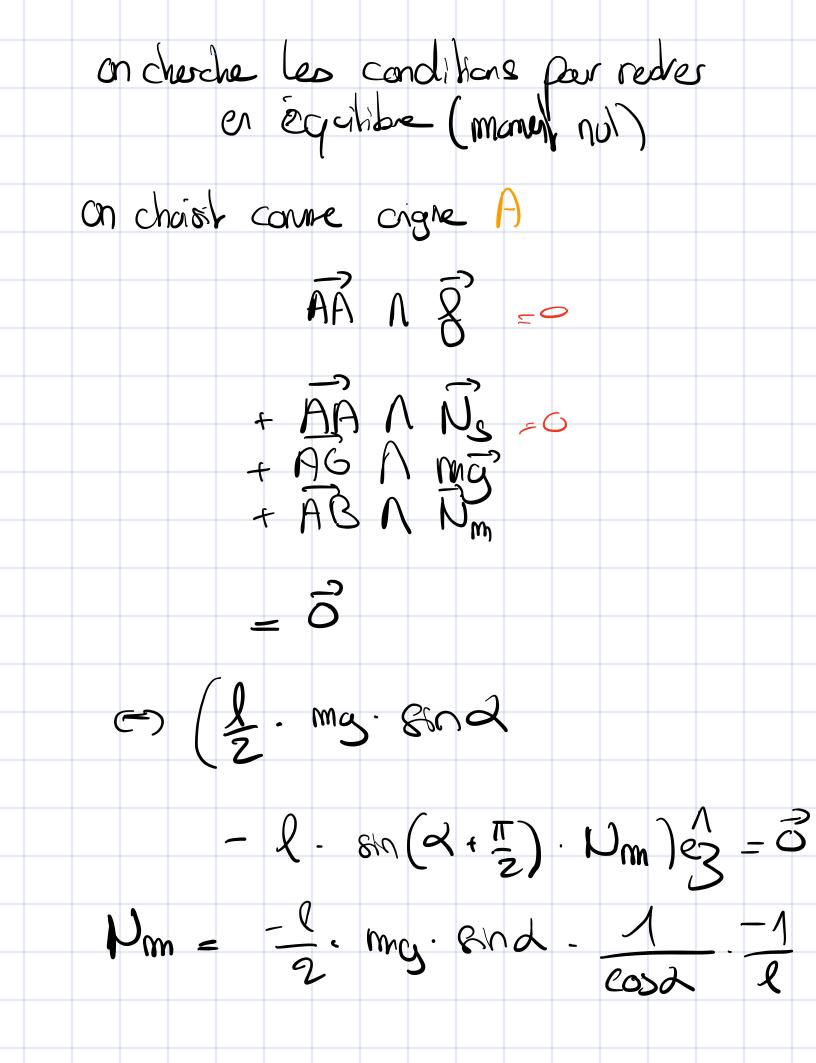
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(Rrr + 2r)RM
\end{array}$$

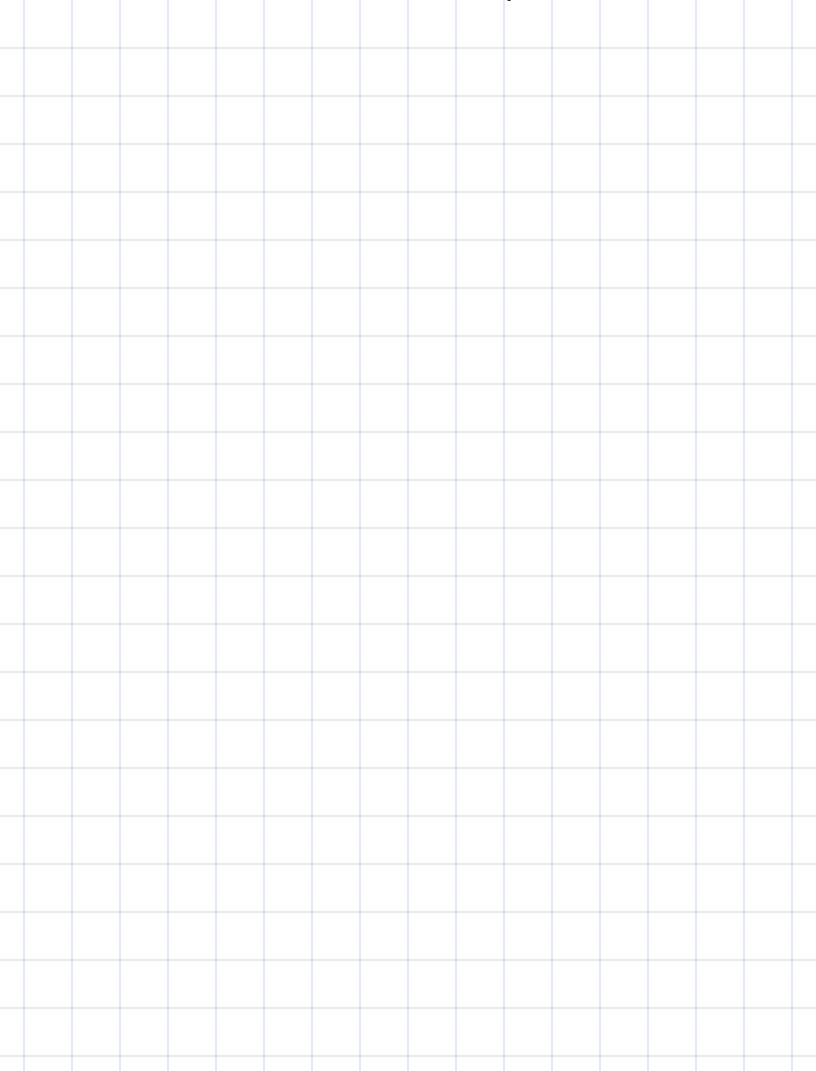
$$\begin{array}{c}
(Rrr + 2r)RM
\end{array}$$

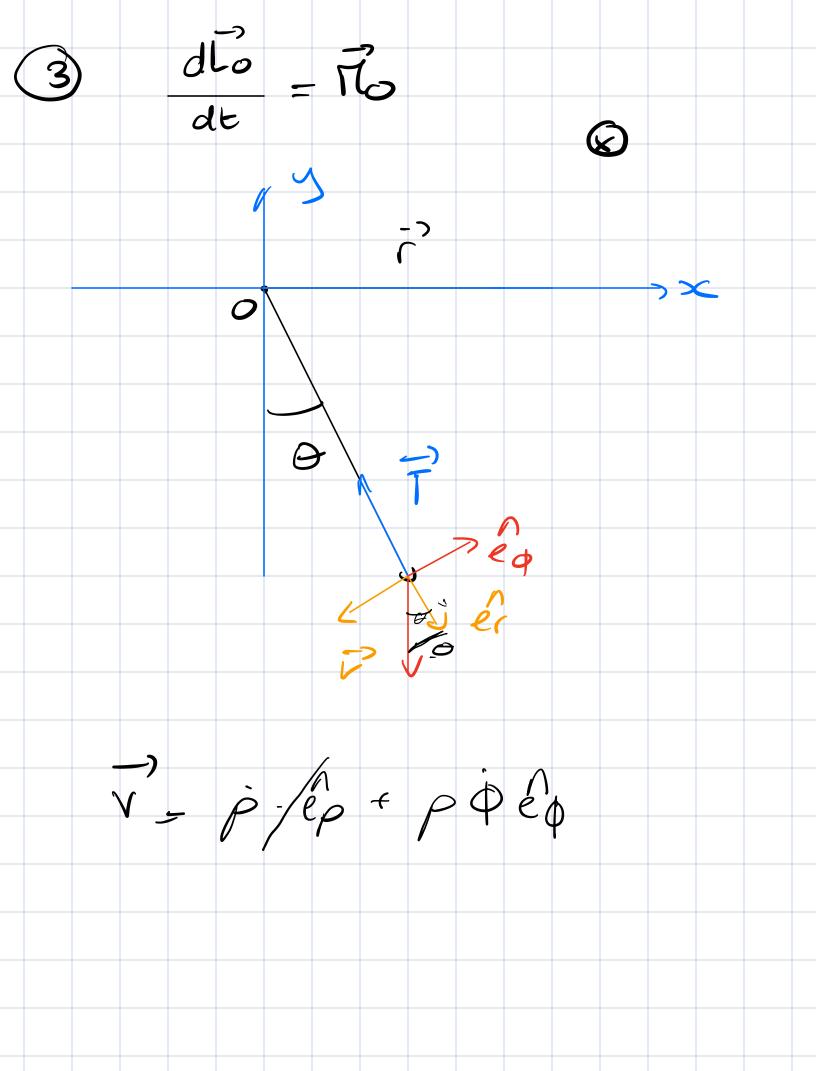
$$\begin{array}{c}
(Rrr + 2r)RM
\end{array}$$











To = 7 / mv -i lep n m l deq (coord-cynd.) = (l·mlp)ez $-2m\phi^{2}$ $\frac{1}{dt} = \frac{1}{m} \phi e_3^1$ Ren n mg. en o ép

$$= \mathcal{L} \mathcal{L} \wedge (-my \, sn \, \Theta \, \mathcal{L}_{0})$$

$$= -\mathcal{L} mg \, sn \, \Theta \, \mathcal{L}_{3}$$

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