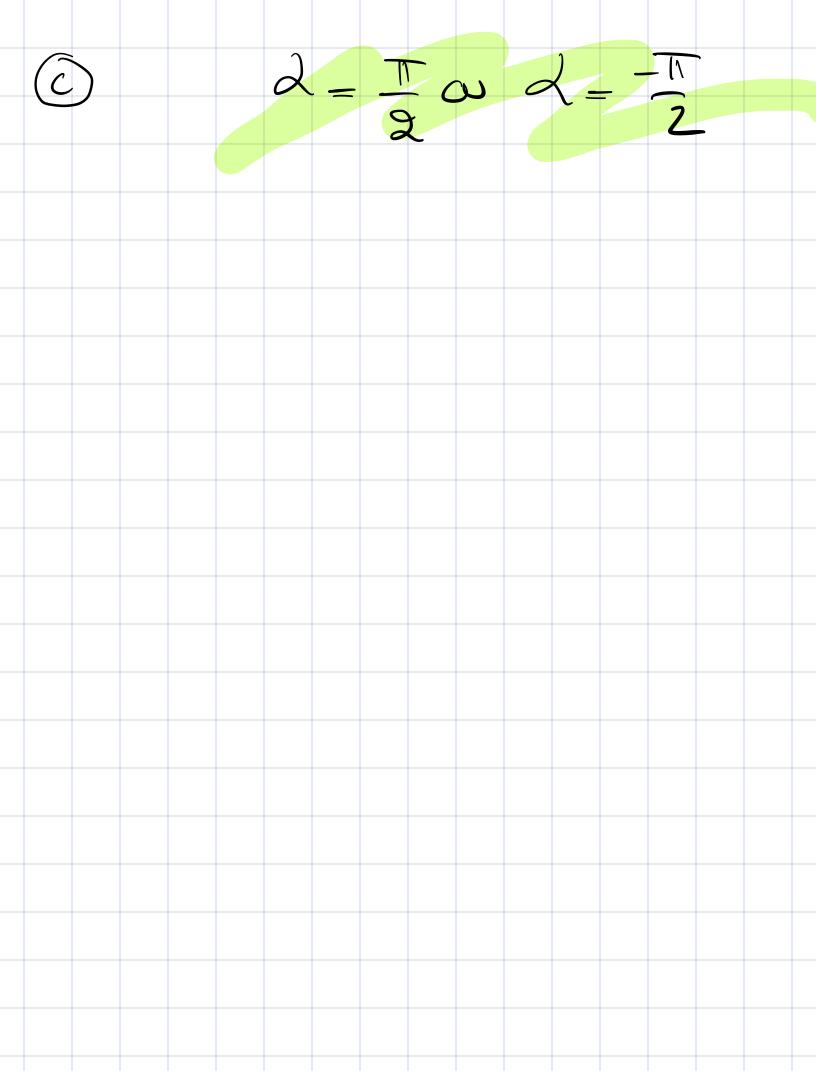
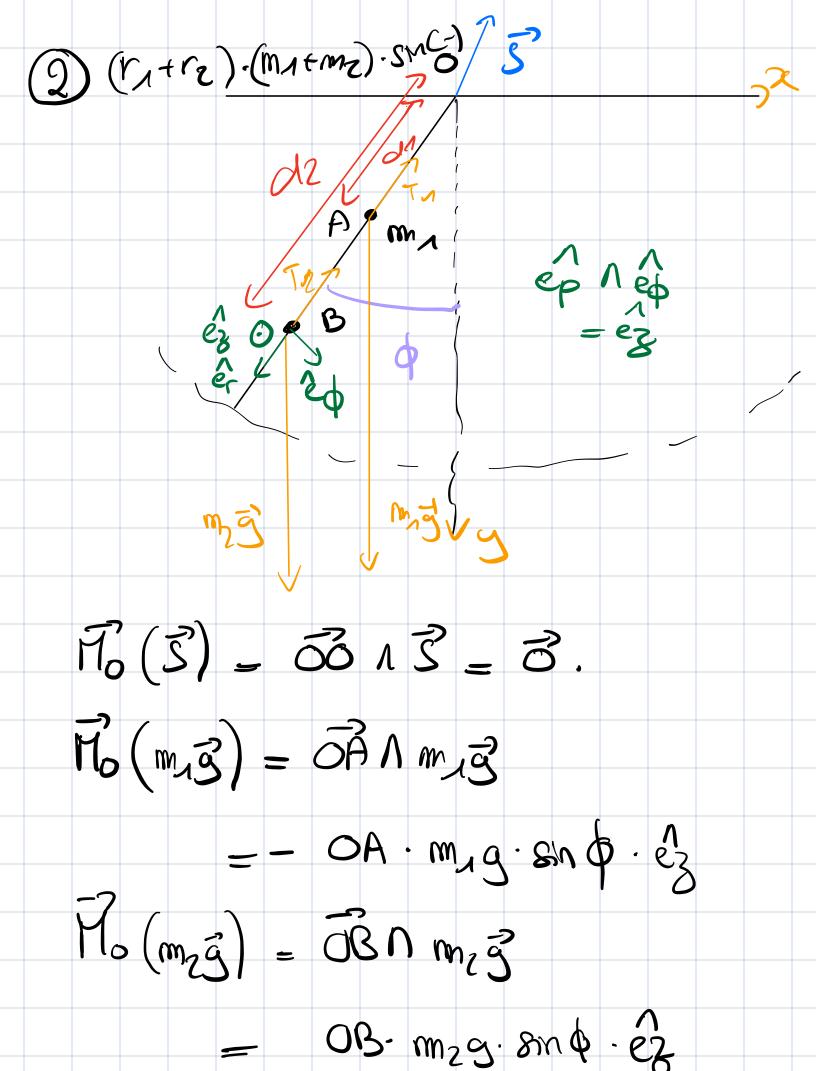
= (rcos2 ex + rsm2 ey) N = rcos 2. Fez dLA = MA 1A = 7 / m5 IA = I. Simpositif selon ez, den west selon ez west selon is est onlihoraire

Side [T, 3T) det ed négatif sou és, don to est se la robeto - Es dene la robeto est heraire. b) L'accelerat ongulaire est de proporhomete au monent de  $\frac{1}{1} = M_A \qquad \frac{1}{4} = 1 \cdot 3$   $= 1 \cdot 3$   $= 1 \cdot 3$   $= 1 \cdot 3$ F fixé = cos d max quend d=0 ou d=TT





$$\begin{aligned}
& \overrightarrow{\Pi}_{0}(\overrightarrow{\Gamma_{1}}) = \overrightarrow{OA} \wedge \overrightarrow{T} = 0 \\
& \overrightarrow{\Pi}_{0}(\overrightarrow{\Gamma_{2}}) = \overrightarrow{OB} \wedge \overrightarrow{T} = 0 \\
& \overrightarrow{L}_{0} = \overrightarrow{L}_{0,m_{1}} + \overrightarrow{L}_{0,m_{2}} \\
& = \overrightarrow{OA} \wedge m_{1}\overrightarrow{V_{1}} + \overrightarrow{OB} \wedge m_{2}\overrightarrow{V_{2}} \\
& = d_{1}m_{1} + d_{1} + d_{2} + d_{2}m_{2} + d_{2} + d_{2} \\
& = (d_{1}^{2}m_{1} + d_{2}^{2}m_{2}) + e_{3}^{2}
\end{aligned}$$

$$\frac{d\overrightarrow{L}_{0}}{de} = \overrightarrow{\Pi}_{0} \\
& = (d_{1}^{2}m_{1} + d_{2}^{2}m_{2}) + e_{3}^{2}$$

$$\frac{d\vec{L}_{A}}{dt} = \vec{M}_{A}$$

$$\frac{d\vec$$

