$$E_{CO} = \frac{1}{2} \frac{1}{2} m_{\lambda} \vec{\nabla}_{\lambda}^{2}$$

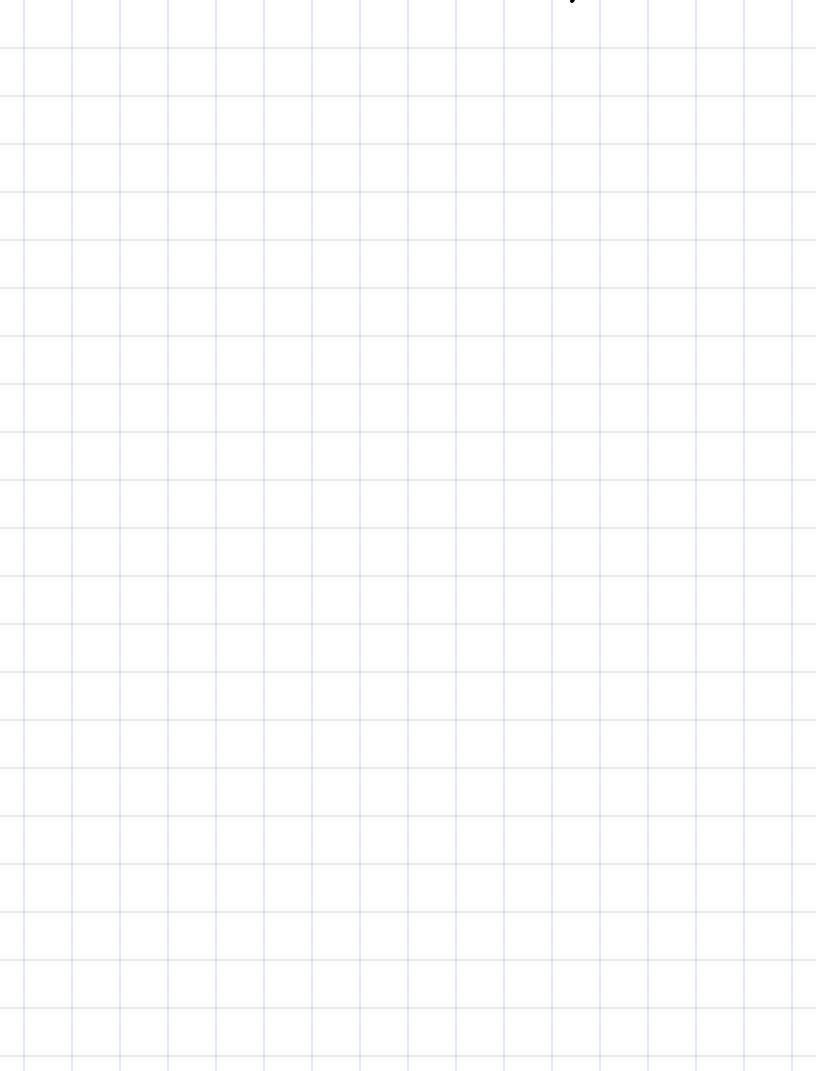
$$= \frac{1}{2} \sum_{\alpha} m_{\lambda} (\vec{\nabla}_{A} + \vec{\omega} \wedge \vec{A} \vec{P}_{\lambda})^{2}$$

$$= \frac{1}{2} 1 (\vec{\nabla}_{A})^{2} + \sum_{\alpha} m_{\lambda} (\vec{\nabla}_{A} \cdot (\vec{\omega} \wedge \vec{A} \vec{P}_{\lambda}))$$

$$+ \frac{1}{2} \sum_{\alpha} m_{\lambda} (\vec{\omega} \wedge \vec{A} \vec{P}_{\lambda})^{2}$$

$$= 1 (\vec{\omega} \wedge \vec{b}) = a^{2} b^{2} \cos^{2} \lambda$$

$$= 1 (\vec{\omega} \wedge \vec{b})^{2} + (\vec{\omega} \cdot \vec{b})^{2} = a^{2} b^{2}$$



$$\frac{1}{6} = \frac{1}{42} \prod_{\alpha} (2L)^{2}$$

$$q \in dal \ valar \ L' \ car que les persols
8 dert occles.$$

T\_ +1

 $= \frac{\omega}{\omega^2} = \frac{\omega^2}{\omega^2}$