$$= Zi \frac{1}{2} m_i \omega^2 R_i^2 = \frac{1}{2} I_2 \omega^2$$

$$\left(E_{\kappa}=\frac{1}{2}m5^{2}\right)$$

$$\left(\varepsilon_{k} = \frac{\rho^{2}}{2m}\right)$$

$$z = \sqrt{2} \cos \rho \cdot \lambda$$
, $\Rightarrow E_{R} = \frac{L_{z}}{2L_{z}}$

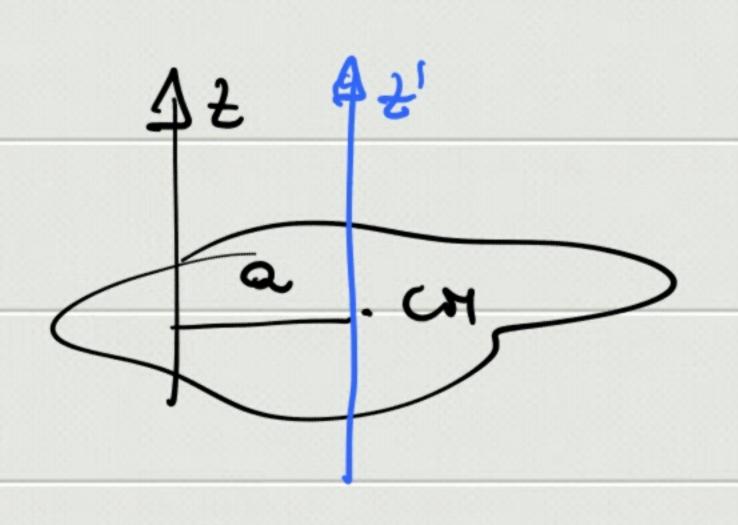
$$dW = dE_{K} = d\left(\frac{1}{2}I_{z}\omega^{2}\right) = \frac{1}{2}I_{z}\omega\omega\omega\omega =$$

$$= I_{z}\frac{d\theta}{dt}d\omega = I_{z}d\theta\frac{d\omega}{dt} = I_{z}d\theta\alpha = M^{E}d\theta$$

$$dW = M^{\epsilon}d\Theta \implies W_{i\rightarrow \beta} = \begin{cases} H^{\epsilon}d\Theta \\ H^{\epsilon}d\Theta \end{cases}$$

Potema

$$P = \frac{dW}{dt} = \frac{W^{\epsilon} d\theta}{dt} = M^{\epsilon} \omega$$



$$E_{K} = \frac{1}{2} I_{2} \omega^{2} = \frac{1}{2} \left(I_{2} + ma^{2} \right) \omega^{2} =$$

