Energy Kinetic Rotan



V1= W.11

V 2 = W [2

V3 = W 11

Vi = W ci

$$k = \frac{1}{2} m_1 V_1^2 + \frac{1}{2} m_2 V_1^2 + \frac{1}{2} - \frac{1}{2} m_1 V_1^2$$

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

$$k = \left(\frac{1}{2} M_1 \Gamma_1^2\right) \frac{\omega^2}{2} = \frac{1}{2} \omega^2$$

Kelembaran

Nuren & major

sember tryp. I ~> sember wellow herder

do german could digenthan

Massa destribum prassa





I: L lj

calcam - 2 = 1 m r2



-> leagunturi celeran marta -> K leby lacil

bolo my -> 2: 2 M R2

Moren Liena Continue

$$\hat{\Gamma} = \frac{Z}{Z} M; \quad \hat{\Gamma}; \quad \hat{\Gamma}; \quad \hat{\Lambda} C$$

$$A_{\delta}; \hat{C} = \frac{A_{\delta}}{Z} M; \quad \hat{\Gamma}; \quad \hat{\Lambda} C$$

$$M = \frac{A_{\delta}}{Z} M; \quad \hat{\Gamma}; \quad \hat{\Lambda} C$$

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$$\frac{dm}{dr} = \frac{M}{L}$$

$$\frac{d$$

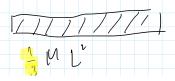
$$\frac{\sqrt{|f|/|f|/|f|/|f|/|f|}}{df} = \lambda = \infty e^{-\frac{1}{2}}$$

$$\Gamma = \int_{\Gamma} L_{3} du = \int_{\Gamma} L_{3} v \cdot v \cdot dv$$

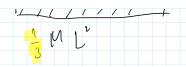
$$M = \int_{0}^{1} dv =$$

$$\hat{\Gamma} = \frac{1}{4} \times 0 \quad \hat{\Gamma} = \frac{1}{2} \left[\frac{1}{2} \times 0 \quad \hat{\Gamma} \right] \quad \hat{\Gamma}$$

$$= \frac{1}{2} \times 1 \quad \text{and} \quad \hat{\Gamma}$$





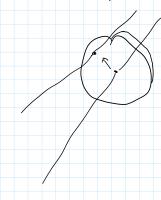




 $\mathbb{L}_1 < \mathbb{T}_2$

besor youry mi

Paralul Axis Thoren



$$I = \int (x^{2})^{2} m = \int (x^{2} + 2x d + d^{2}) dm$$

$$= \int (x^{2} + 2d(x^{2} - d) + d^{2}) - dm$$

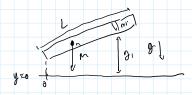
$$= \int x^{2} dm + 2d (x^{2} - dn - \int d . dn) + d^{2} (\int dn)$$

$$= \int x^{2} dm + 2d (x^{2} - dn - \int d . dn) + d^{2} (\int dn)$$

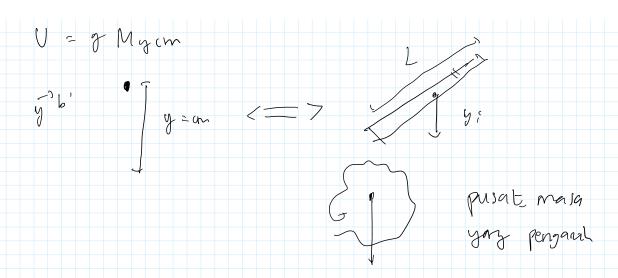
$$= \int x^{2} dm$$

I = I cm + Ind?

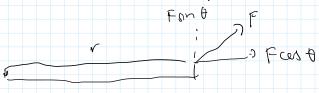
Every Robersial Gravitari



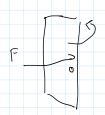
$$V = \overline{Z}Vi = g \overline{Z}m.yi$$



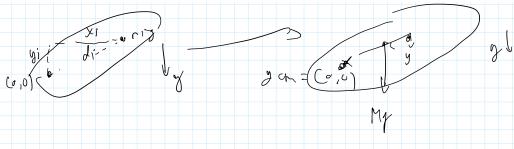
Torso do Static Equilibrium



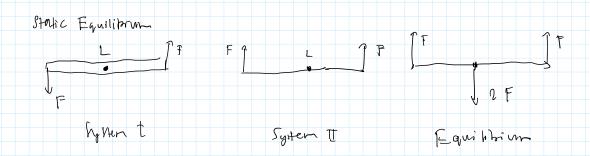
a face to acting on a Rigid Bully



Torque is aquantity that nearme the "effective reg " of a force out compary on object to ortate about the pivot."



arm (-) seavan jamon jam



Static againson when
$$ZF=0$$
 and $Z\widetilde{V}=0$

Nysher
$$I$$
 $\supset F = 0$

but

 $Z + F = 0$

Nysher I $\supset Z + F = 2F$
 $Z + F = 0$

Spring I = 0

 $Z + F = 0$
 $Z + F = 0$

$$\overline{Z}T = Mga = T_2(a4b) = 6$$
 $t_2 = Mg(\frac{6}{a+b})$