Task: Find an angular velocity, when the mechanism reaches -90 degrees angle

Task goal:

To show how to find work in different ways

Research Object:

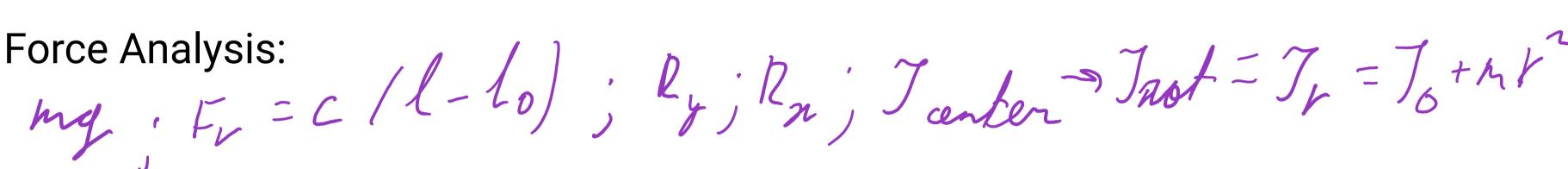
Cylinder "1"

Motion:

"1" - rotation motion

t = 0 t Kinemtatics:

$$V_1 = 2 v w$$



Solution:

$$T_{2}-T_{1}=A_{12}$$

$$T_{1}-T_{0}=J_{0}$$

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too complicated

b)
$$M(\bar{g}) = ng V (as q =)$$

$$= \partial A/M(\bar{g}) = M/\bar{g}$$

$$A = \int ng V (as q d q, good)$$

$$3 ways, work. a)$$

c)
$$A^6 = \Pi_1 - \Pi_0 = mgV \rightarrow good$$

$$A^{F_v} = \int_{-\infty}^{\infty} F_v df \cos(f_v) ds \int_{-\infty}^{\infty} \text{complicated}$$

$$7 = -A_{\nu} = \frac{C(U-I_{\sigma})}{2} = \frac{good}{2}$$

$$\frac{Jw^2}{z} = \frac{rgv + c(l^2 - l_0)}{z} = \frac{w}{2}$$