

$$n^{\circ}$$
 gdR = 1 =  $(3 \times 3) - 2 \times 2 - 2 - \times CR$ 

$$\frac{\text{Noto}: \dot{\Theta} > 0}{\Theta = 60^{\circ}}$$

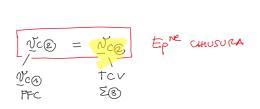
4) poluz 
$$\underline{0}$$
  $\rightarrow$  numerice  $\underline{0}$ 
 $\underline{0} = \underline{\pi}_{\underline{0}}$  rod/s
 $\underline{r} = 0.5 \text{ m}$ 

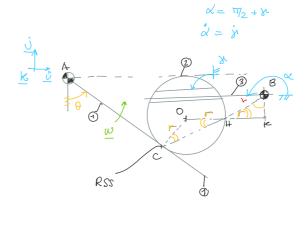


$$\overset{\circ}{\mathbb{N}} \stackrel{\circ}{\mathbb{N}} = \overset{\circ}{\mathbb{N}} \stackrel{\circ}{\mathbb{N}} + \overset{\circ}{\mathbb{N}} \stackrel{\circ}{\mathbb{N}} \stackrel{\circ}$$

tcw:

$$V_{P(3)} = V_{B} + W_{3} \wedge \overrightarrow{BP} = (3) \times \wedge \overrightarrow{BP}$$
 (\*





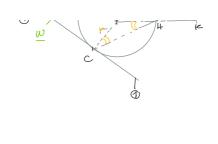


$$\sum_{3} \sqrt[3]{c^{2}} = \sqrt[3]{c} + \sqrt[3]{c} + \sqrt[3]{c} = \sqrt[3]{c} + \sqrt[3]{k} \sqrt[3]{g}c$$

$$\sqrt[3]{c} = \sqrt[3]{c} + \sqrt[3]{c} = \sqrt[3]{k} \sqrt[3]{g}c$$

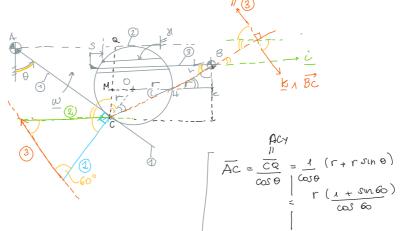
$$\sqrt[3]{k} \sqrt[3]{c} = \sqrt[3]{k} \sqrt[3]{g}c$$

$$\sqrt[3]{k} \sqrt[3]{g}c = \sqrt[3]{k} \sqrt[3]{g}c$$



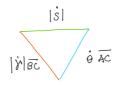
$$\frac{\partial k}{\partial k} \wedge \overrightarrow{AC} = \frac{(3)\dot{k}}{2} + \frac{(3)\dot{k}}{2} \times \overrightarrow{BC}$$
noto
$$?2 ? 3$$

## SOWZ. GRAFICA



## AD METRICA

△ delle v° e' EQUILATERO:



$$\frac{1}{1000} = \frac{1}{1000} = \frac{1$$

$$\begin{cases}
\dot{S} = \dot{\Theta} \overrightarrow{AC} = \dot{\Theta} (\cancel{N3} + 2) \Upsilon \\
|\dot{\gamma}| = \frac{\dot{\Theta} \overrightarrow{AC}}{\overrightarrow{BC}} = \dot{\Theta} (\cancel{N3} + 2) \cancel{N3} = \dot{\Theta} (\cancel{N3} + 2) \cancel{N3} \\
5
\end{cases}$$

$$\dot{S} = \dot{9}(\sqrt{3}+2) = 2.93 \text{ m/s}$$
 =  $2.93 \dot{2} \text{ m/s}$  =  $-\dot{9}(\sqrt{3}+2)\sqrt{3} = -2.03 \text{ roolls}$ 

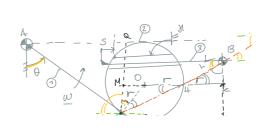
## SOWZ. ANALITICA

$$\begin{vmatrix} \dot{y} & \dot{y} & \underline{k} \\ 0 & 0 & \dot{\Theta} \\ ACx & ACy & 0 \end{vmatrix} = \begin{bmatrix} \dot{s} \\ 0 \\ 0 \end{bmatrix} + \begin{vmatrix} \dot{y} & \dot{y} & \underline{k} \\ 0 & 0 & \dot{S} \\ BCx & BCy & 0 \end{vmatrix}$$

$$\Delta Cy = -\left(r \sin \theta + F\right) = -\left(\frac{\sqrt{3}}{2} + 1\right)F$$

$$AC_{X} = \frac{AC_{4}}{t_{9}} = \left(\frac{N3}{2} + 1\right) N3 \Gamma$$

$$BC_{\times} = -(r+r+r\sin 30) = -\frac{5}{2}r$$



$$\beta C_{4} = + \frac{\beta C_{x}}{t_{9}60} = -\frac{5}{6} \sqrt{3} r$$

$$\times \int \dot{\theta} \left( \frac{\sqrt{3}}{2} + 1 \right) r = \dot{S} + \dot{\delta} \frac{5}{6} \sqrt{3} r$$

$$Y: \left( \dot{\theta} \left( \frac{\sqrt{3}}{2} + 1 \right) \sqrt{3} r = -\frac{5}{2} r \dot{\delta} \right)$$

$$\int \dot{y} = -\sqrt{3} \left( \sqrt{3} + 2 \right) \dot{\theta}$$

$$\dot{S} = (\sqrt{3} + 2) r \dot{\theta}$$

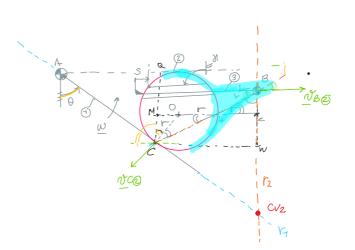
$$\frac{\sqrt{C_{\odot}}}{\sqrt{C_{\odot}}} = \frac{\partial K}{\partial K} \wedge \overrightarrow{AC} \qquad \overrightarrow{C}_{1}$$

$$\sum_{3} \frac{\sqrt{C_{\odot}}}{\sqrt{C_{\odot}}} = \frac{\partial K}{\partial K} \wedge \overrightarrow{AC} \qquad \overrightarrow{C}_{2}$$

$$\sum_{3} \frac{\sqrt{C_{\odot}}}{\sqrt{C_{\odot}}} = \frac{\partial K}{\partial K} \wedge \overrightarrow{AC} \qquad \overrightarrow{C}_{2}$$

$$\sum_{4} \frac{\sqrt{C_{\odot}}}{\sqrt{C_{\odot}}} = \frac{\partial K}{\partial K} \wedge \overrightarrow{AC} \qquad \overrightarrow{C}_{2}$$

$$\sum_{5} \frac{\sqrt{C_{\odot}}}{\sqrt{C_{\odot}}} = \frac{\partial K}{\partial K} \wedge \overrightarrow{AC} \qquad \overrightarrow{C}_{2}$$



PROBLEMA ACCELERATION

$$\underline{\alpha_{PO}} = \underbrace{\omega_{\Lambda}}_{AP} \underbrace{AP}_{WAP} - \underbrace{\omega_{AP}^{2}}_{AP}$$

$$= \underbrace{0}_{WA} \underbrace{AP}_{AP} - \underbrace{0}_{AP}^{2} \underbrace{AP}_{AP}$$

$$ac@ \neq ac1$$

$$ac \neq o$$

$$ac = Dw^2n$$

$$acc = ac + ac + ac = 2w^2n$$

$$acc = -Dw^2c$$

$$acc = ac + ac + ac = 2w^2n$$

$$acc = -Dw^2c$$

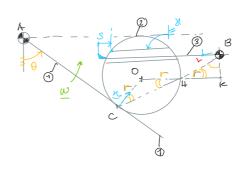
$$ac$$

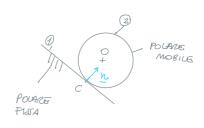
$$R_{m} = \frac{1}{Crom \cdot n} = \frac{1}{Co \cdot n} = r$$

$$\frac{1}{D} = \frac{1}{R_{f}} - \frac{1}{R_{m}} \Rightarrow D = -r$$

$$\frac{1}{2} \int_{0}^{\infty} \frac{1}{2} f \, R \, dx \\
\frac{1}{2} \int_{0}^{\infty} \frac{1}{2$$

$$\frac{a_{P@}}{=} = \underbrace{a_{c}^{\text{rel}} + a_{c}^{\text{tr}} + \ddot{x}_{k}^{\text{tr}} \wedge c\dot{\rho} - \dot{x}^{2} c\dot{\rho}}_{= r(\dot{\theta} - \dot{x}^{2})^{2} + \ddot{\theta}_{k}^{\text{tr}} \wedge A\dot{c} - \dot{\theta}^{2} A\dot{c} + \ddot{x}_{k}^{\text{tr}} - \dot{x}^{2} c\dot{\rho}} \tag{4}$$





piul comodo C

$$\begin{array}{c}
\underline{a} c_{\odot} = \underline{a} c_{\odot} \\
\underline{a} c_{\odot}$$

$$r(\mathring{\theta}-\mathring{y})^{2}+\mathring{\theta}\overset{k}{\not=}\Lambda\overset{\vec{A}}{\vec{C}}-\mathring{\theta}^{2}\overset{\vec{A}}{\vec{C}}=\overset{\vec{G}^{2}}{\vec{G}}\overset{\vec{A}}{\vec{C}}=\overset{\vec{G}^{2}}{\vec{G}}\overset{\vec{A}}{\vec{C}}-\mathring{y}^{2}\overset{\vec{B}}{\vec{G}}+2\mathring{y}\overset{\vec{K}}{\not=}\Lambda\overset{\vec{S}}{\vec{C}}$$