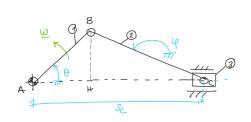
## Eserc: An Cinem Posizione MDS

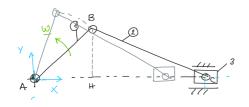
venerdì 22 novembre 2024 12:30

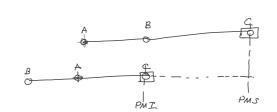


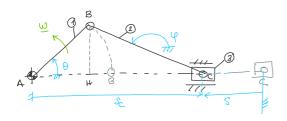
$$\frac{Noto}{BC}$$
: AB = r = 68.1 mm

Note 
$$\theta(t)$$
,  $\theta(t)$ ,  $\theta(t)$ 
 $\downarrow$  cw. Pasiz.

Trovare  $\gamma(t)$ ,  $\gamma(t)$ ,  $\gamma(t)$ 
 $\gamma(t)$ ,  $\gamma(t)$ 
 $\gamma(t)$ ,  $\gamma(t)$ 
 $\gamma(t)$ 
 $\gamma(t)$ 
 $\gamma(t)$ 
 $\gamma(t)$ 







$$\overrightarrow{AB(H)} + \overrightarrow{BC(H)} + \overrightarrow{CA(H)} = 0$$

$$\overrightarrow{ABH}$$
) =  $(r\cos\theta, r\sin\theta, 0)$   
 $\overrightarrow{BC(b)}$  =  $(-l\cos\varphi, -l\sin\varphi, 0)$   
 $\overrightarrow{CAH}$ ) =  $(-(r+l-s), 0, 0)$   
 $(s+l)$ 

$$X: \int r\cos\theta - \ell\cos\varphi - (r_+\ell - s) = 0$$
  
 $Y: \int r\sin\theta - \ell\sin\varphi = 0$ 

$$\int Sin\varphi = \frac{r}{\rho} sin\theta = \lambda sin\theta$$
 (1) 
$$\lambda = \frac{r}{\rho}$$

$$S = r + \ell \cdot \tau \cdot \ell \cos \psi - r \cos \theta \qquad (2)$$

$$Cos \psi = -\sqrt{A - sin^{2} \psi}$$

$$\frac{1}{2} - \sqrt{A - sin^{2} \psi}$$

$$\frac{1}{2} - \sqrt{A - sin^{2} \psi}$$

$$\frac{1}{2} - \sqrt{A - sin^{2} \psi}$$

$$\frac{1}{2} - r \cdot (1 - \cos \theta) + \frac{1}{2} \left( \frac{1}{2} - \frac{1}{2} - \cos \theta \right)$$

$$S = \frac{ds}{ds}$$

$$S = \frac{ds}{ds}$$

$$(2a) \lambda = 0.7 - 2$$

$$X = -\lambda^{2} \sin^{2} \theta$$

$$X = -\lambda^{3} \sin^{3} \theta$$

$$X = -\lambda^{3}$$

$$\ddot{S} = \Gamma\ddot{\Theta} \left[ \sin \theta + \frac{\lambda}{2} \sin 2\theta \right] + \Gamma\dot{\Theta}^2 \left[ \cos \theta + \lambda \cos (2\theta) \right]$$

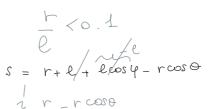
$$\ddot{S} \left( \ddot{\Theta} = 0 \right) = \Gamma\dot{\Theta}^2 \left[ \cos \theta + \lambda \cos (2\theta) \right]$$



$$\int SU = r \left[ 1 - \cos \theta \right]$$

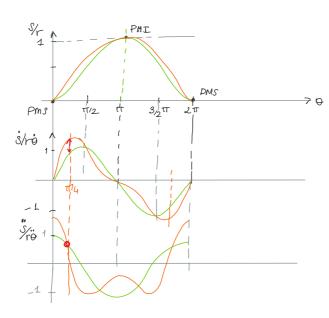
$$S(0) = r\dot{o} Sino$$

## SOWZ. APPROSSIMATA AL 1º OPDINE



$$\lambda = 0.5$$

$$\theta = 0$$



2 ELATIA

$$\theta = 45^{\circ} \leftarrow t = t$$

$$= \pi/4 \qquad S \qquad (M)$$

s (mis)

" (m102)

21566,4

(O.7Y)

(3%)