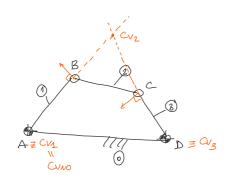
Centro delle velocità dei moi relativi

giovedì 28 novembre 2024 16:47

CV = Ncv =0 per t-I

=) TEO CHASLES



MOTO RELATIVO (1) e(2) =) MOTO ROTAT.

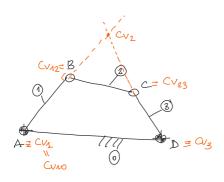
CV12 = CV21 B

 \exists on punto c_v t.c. $\underline{Ncv@} = \underline{Ncv@}$ per $t = \overline{t}$ $\underline{Vc_v} = \underline{O}$ $\underline{fe} \quad \underline{w} \neq \underline{O}$

MOTO RELATIVO (2) =) MOTO ROTAT.

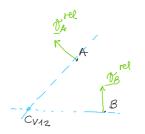
 $Cv_{12} = Cv_{21}B \qquad \Rightarrow \qquad Cv_{3j} = Cv_{j}i$ $v_{10} = Cv_{10} = Cv_{10}$ $c_{10} = Cv_{10}$

MOTO RELATIVO (2 e(B) =) MOTO ROTAT $CV_{23} = CV_{13} = C$



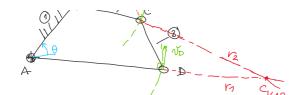
CV13 ?

1) TEO CHASUES \Rightarrow RD RO PO FOR $\sum_{\mathcal{O}}$ VAO , $\mathcal{O}_{\mathcal{B}}$



es.

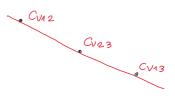




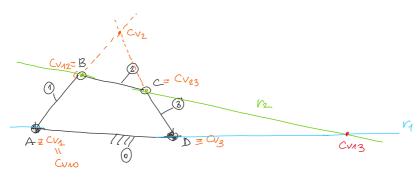
•)
$$\Sigma_0$$
 V_0 S_0 S

$$R_1$$
, R_2 , R_3 =

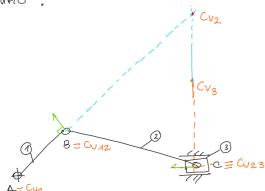
Jono allineati.



Applicazione:

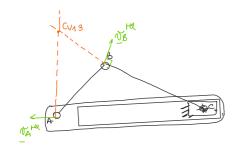


EJEMPIO : MDS



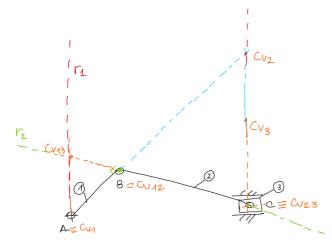
- MOTO ASSOUTO:
- Cui CV2
- Cv3
- REVATIVO: MOTO
- CV12 CV23
- (CV13) ?

- MOTO PERLAT. (3) VS (3) CHASUES TEO Cv13



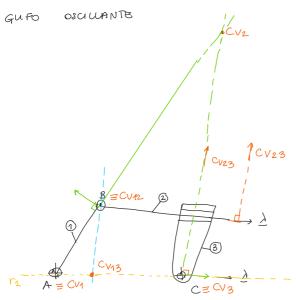
- Σ3 = bloccato pistone suincolato U telab

$$\frac{1}{\sqrt{3}} \underbrace{\overset{\text{rel}}{\text{va}}}_{\text{A}} = \underbrace{\overset{\text{av}}{\text{va}}}_{\text{A}} - \underbrace{\overset{\text{h}}{\text{va}}}_{\text{A}} = \underbrace{\overset{\text{e}}{\text{s}}}_{\text{L}}$$



1, 3, 0 => (CM, CV3), CV13 CV13 - (1, 3, 2 =) (CV12, CV23), CV13

OSCILLANTE



TEO CHASUES

•)
$$\frac{\sqrt{8}}{\sqrt{6}}$$
 = $\frac{\sqrt{6}}{\sqrt{6}}$ = $\frac{6}$

 $(1, 3, 0 \Rightarrow Cv_{1}, Cv_{3}), Cv_{13}$ $(1, 3, 2 \Rightarrow Cv_{12}, Cv_{23}, Cv_{13})$

