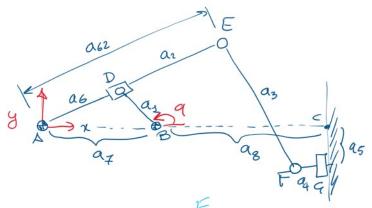
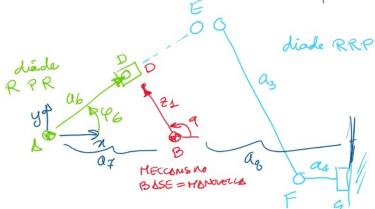
Guida di Fairbairn modificata



$$a_1 = 130 \text{ mm}$$
 $a_3 = 360 \text{ mm}$
 $a_4 = 70 \text{ mm}$
 $a_7 = 330 \text{ mm}$
 $a_8 = 440 \text{ mm}$
 $a_8 = 550 \text{ mm}$
 $a_8 = 1300 \text{ mm}$

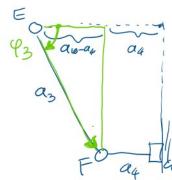


$$\chi_{B} = 0 = 330 \text{ nm}$$
 $\chi_{B} = 0$

$$\chi_{B} = \alpha_{7} = 330 \, \text{nm}$$
 $\chi_{D} = \chi_{B} + \alpha_{4} \, \text{cs}_{q} = 330 + 130 \, \text{cs}_{3} \, (130) = 246 \, \text{A}$
 $\chi_{D} = \chi_{B} + \alpha_{4} \, \text{sin}_{q} = 130 \, \text{sin}_{3} \, (130) = 99.6$

$$Q_6 = \sqrt{(\chi_0 - \chi_b)^2 + (y_0 - y_b)^2} = \sqrt{246,4^2 + 39.6^2}$$

$$Q_6 = alan \frac{40 - y_b}{\chi_0 - \chi_b} = alan \frac{99.6}{246.4}$$



$$Q_3 = 360 \text{ mm}$$

$$Q_4 = 70 \text{ mm}$$

$$\chi_{4} = \alpha_{7} + \alpha_{8} = 770 \text{ nm}$$

 $\chi_{F} = \chi_{4} - \alpha_{4} = 780 \text{ nm}$

$$\varphi_3 = -a \cos \frac{\chi_F - \chi_E}{a_5} = -a \cos \frac{190}{360}$$

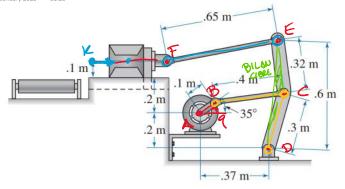
$$\varphi_F = \varphi_E + \alpha_5 \sin \alpha_5 = 206 - 360 \sin 58.1^\circ$$

$$\varphi_F = -100 \text{ mm}$$

$$9 = -100 \text{ mm}$$

Packaging

12 January 2023 08:20



- 1) scomporre in diadi
- 2) evidenziare le costanti geometriche
- 3) analisi cinematica di posizione

scomposizione in diadi

PASE = MONORILA

diade RRR

belancive

costanti geometriche

D, D, k penti a telsis as, a, a, a, a, a, lenglene mentin (voli steins)

offet organe bilancine

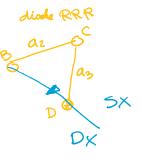
analisi cinematica (pseudo-Matlab)

B= A+ az eig

1ª diade (RRR)

C = diade RRR (B, D, 02, 03, "5x"

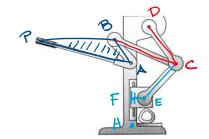
C = diade RRR(D, B, Q3, Q2, "dx")



Bilanciere

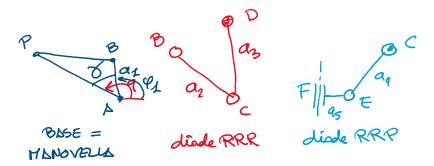
2ª diade (RRP)

F = diade RRP(E, K, O, as, O, -1)



- 1) scomporre in diadi
- 2) evidenziare le costanti geometriche
- 3) analisi cinematica di posizione

scomposizione in diadi



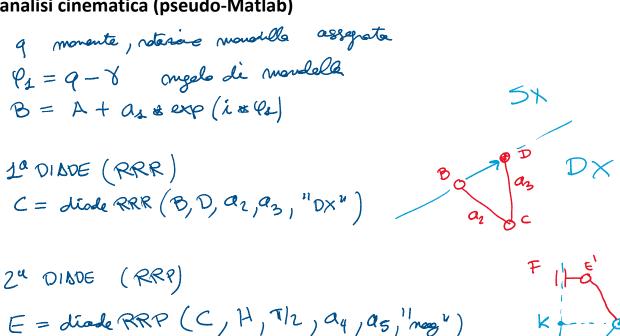
geometria del meccanismo

A justo a telaio, noto as, az, az, a4, a5 luglere rollère la scliento

D pens a telais

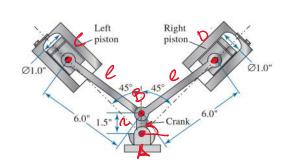
H pute posente per l'asse di scanito & offset ongobie lava

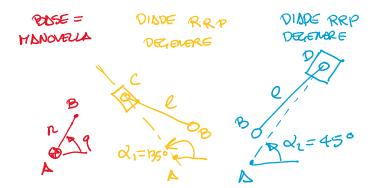
analisi cinematica (pseudo-Matlab)



- 1) scomporre in diadi
- 2) evidenziare le costanti geometriche
- 3) analisi cinematica di posizione

scomposizione in diadi





costanti geometriche

A pens manoulla a telaà

crigine tena assolute

pute passate pu gli osni di Scouinto

n, l'englusos monerelle e della Isiella

d,, d, indinniere osni di scourte

analisi cinematica (pseudo-Matlab)

9 angels di monoulla, monete

B = A + 1 & exp (i & 9)

B = A + 1 eig [equinlente]

CILINDRO St

C = diade RRP (B, A, ds, e, 0, 1)

CIUMDRO DX

D = diade RRP (B, A, dz, l, 0, 1)