

Co Ledsileto locale una maningosto percle lo porriamo n'advere e poi metterles E a volli spostatoili quiudi dobhamo vincolire lo spo stamento in B. U= [us, qs] FB OF WIN (+) Per equilébrie sous W6=0, F6=0 Schem di Calcolo -Q" 7///

Equilibris in B La Cranbot liberte & in "s" lan - gurle of leberta? in """ $- \mathcal{N}_{BE} = \frac{3EI}{(2\ell)^3}$ > | B 3€± (2ℓ)³ $u_{1} = 2 \frac{3EI}{(2e)^{3}} = \frac{3EI}{4e^{2}}$ $k_{2} = -\frac{3EI}{4\ell^{3}}$ Stratura "2" (p=0, U=0, 4=1) 3 E I (al) $\int_{1}^{1} Neb = \frac{3EJ}{4\ell^2}$

$$T_{n} = \frac{3E^{\frac{1}{2}}}{8C^{\frac{1}{2}}} \cdot u_{n} - \frac{3E^{\frac{1}{2}}}{8C^{\frac{1}{2}}} \cdot Q_{B} + \frac{3}{4}pl = \frac{3}{2}pl (+)$$

$$T(x) = T_{n} - px - \frac{3}{2}pl - px - T_{B} - T(nl) - \frac{1}{2}pl$$

$$M(x) - T_{n}x - px^{\frac{1}{2}} \qquad M(x) - H_{n} = 0$$

$$M(2e) - M_{B} - pl^{2} (+) \qquad M(x) = 0 \rightarrow x - 3e$$

$$M_{B} = \frac{3E^{\frac{1}{2}}}{4l!} \cdot u_{n} - \frac{2E^{\frac{1}{2}}}{2l!} \cdot Q_{B} - \frac{1}{2}pl^{\frac{1}{2}} - pl^{\frac{1}{2}}$$

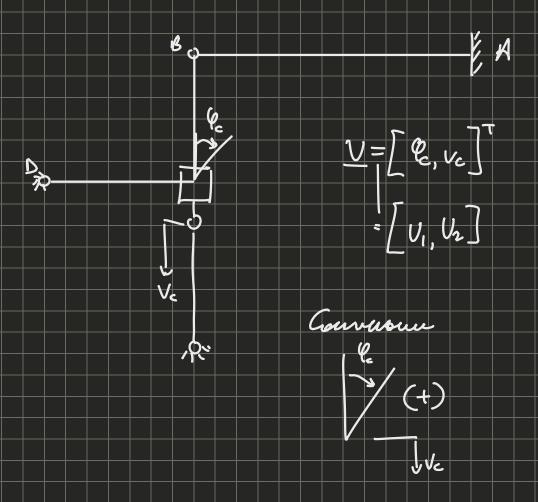
$$Se Schwigeno come Serrapposizione$$

$$T_{pe} = \frac{3E^{\frac{1}{2}}}{2l!} \cdot \frac{g}{2l!} \cdot \frac{g}$$

Defonute Quilitiativa 13/02/2023 TOLE ミニュ Andesi Cinematica CIRBC a w I debilità in diversione verticale

=> Telaio asseguats a nooli Sporte brili;

Struttura Cinematicamente Determusta



Structure "1" p=0, U1= Pc=1, U2= Vc=0

$$\begin{array}{c|c}
R & \downarrow \\
\hline
8EI & 3EJ \\
\ell^2 & \ell^2
\end{array}$$

$$\begin{cases} |\mathcal{L}_{\parallel}| = \frac{2 \cdot 3EI}{e} = 6EI > 0 \\ N_{CD}^{(3)} = -\frac{3EI}{e^2} \text{ compressione in CD} \\ N_{ZI} = -\frac{3EI}{e^2} \end{cases}$$

