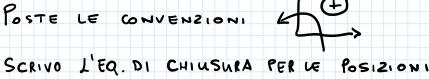
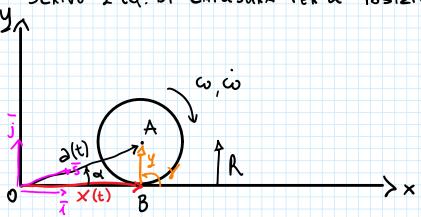


DISCO RIGIDO ROTOLAMENTO SENZA STRISCIAMENTO

CALCOLARE V.? 3,!

CHVENSIONI





$$\partial = \partial(t)$$
; $X = X(t)$; $Y = COST$
 $POS121ONE$ (Eq. di chiusure per le posizioni)

 $(A - O) = (B - O) + (A - B)$
 $\partial \overline{S} = X_A \overline{L} + Y_A \overline{J}$

$$\frac{VELOCITA}{V_A} = \frac{d(x_A\overline{i} + y_A\overline{j})}{dt} = x_A\overline{i}$$

ACCE LE RAZIONE

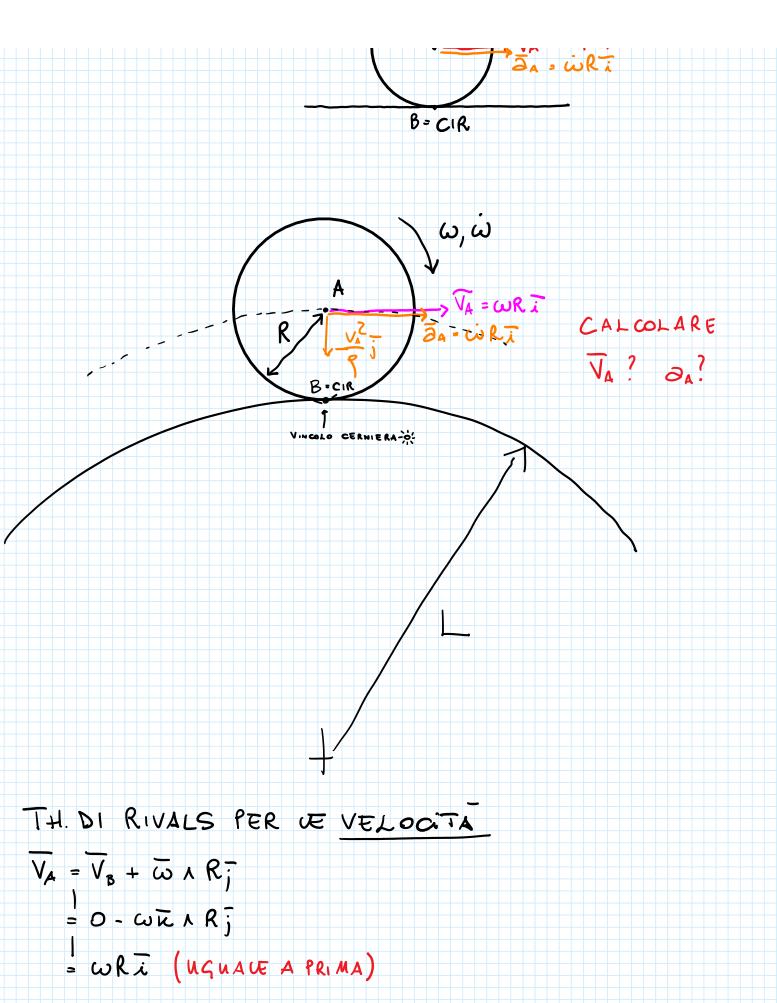
SOLUZIONE MEDIANTE IL -Essendo un roto lamento sente strisciamento so che P. TO B = C.1. R Quinoli

$$\overline{V}_{A} = \overline{V}_{B} + \overline{\omega} \Lambda (A-B)$$

$$= 0 - \omega \overline{\kappa} \Lambda R_{\overline{j}}$$

$$= \omega R_{\overline{k}}$$





ACCELERAZIONE

$$\frac{dV_{A}}{dt} = \dot{V}_{A}\dot{t} + \frac{V_{A}}{\zeta} = \dot{V}_{A}\dot{i} + \frac{V_{A}}{\zeta}\dot{j}$$

$$= \dot{\omega}R\dot{i} + \dot{\omega}R\dot{i}$$

$$= \dot{\omega}R\dot{i}$$

$$=$$