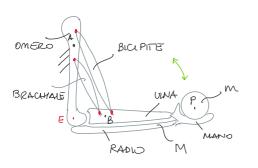
Esercizio Statica: curl

venerdì 11 ottobre 2024 12:55



 $\frac{Noto}{}$: m, M (avambraccio) $M = 10 \log$

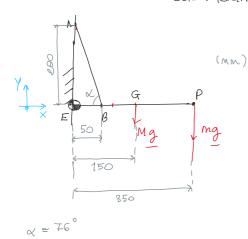
M = 1.5 kg

Valutare: Forza sulupporto dal gruppo brischiale

·) Reezvone anticolone al gomito

CORPIRIGIDI + VINCOLI + AZIONE ESTETAVE

19



Hp: loopo RIG 100 = AVAM BRACCIO OMERO TELATO

PROBLEMA PLAND =) X, Y -> PLAND SAGRITALE
GOMITO =) CERMERA:

asse Z

GRUPPO BRACHIAUE -> PUNE TESA

SEQUIVA.

RETTA // AB

ANAUSI VINCOLI

REX (E, RE)

REX Note. note

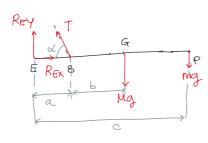
THE SSIONE AVANBRACKO

APV
(REX, REY, T) 3 (NCOG. C) EP TRASL. < Y

Ep. ROT. 5
3 Ep. M.

PROBLEMA ISOSTATICO

DCL PRELIMINARE



$$\begin{cases} \begin{array}{c} (ext) \\ R = 0 \end{array} \\ (ext) \\ M B = 0 \end{array}$$

$$\Rightarrow \begin{cases}
RE + T + Mq + mq = 0 \\
RE + RE + RG + Mq + RP + mq = 0
\end{cases}$$

$$x : \bullet \stackrel{\circ}{U}$$
 $\begin{cases} R \in x - T \cos x = 0 \\ Y : \stackrel{\circ}{U} \end{cases}$ $\begin{cases} R \in x - T \cos x = 0 \\ R \in y + T \sin x - Mg - Mg = 0 \\ R \in y = -Mgb - Mg (c-a) = 0 \end{cases}$

DCL

(I verso di

Rey =
$$\frac{1}{2}g\frac{Mb + m(c-a)}{a} = \frac{181,03}{618,03}N$$

Rey va

Corretto!!

REX = $\frac{1}{2} \cos a = \frac{182,22}{644,33}N$

RES = $\frac{1}{2} \cos a = \frac{182,22}{644,33}N$

DCL DEF.

