· Questão 2)

p = + Toby . p \*

4 global 4 local

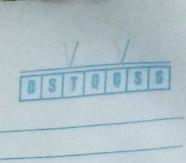
Toby - T(1). R3 (450). Ry (-900

Por conversõe de sistema de coordenadas

i'= (0,0,1)

 $f' = (0' - 0c)_{M} = \begin{pmatrix} 1 \\ 2 \\ 0 \end{pmatrix} - \begin{pmatrix} 1 \\ 1 \\ 0 \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \\ 0 \end{pmatrix}$ 

 $K' = i' \cdot f' = \begin{bmatrix} x & y & 3 & -\sqrt{2}/2 \\ 0 & 0 & 1 & = & -\sqrt{2}/2 \\ -\sqrt{2}/2 & -\sqrt{2}/2 & 0 & 0 \end{bmatrix}$ 



De Continuação da questão 2

b) p\* = Te, \$Tobj. p\* (1,0,0)

p\* (1,2,1)

global

alha = Oc = (2,1,0) (c/ligo centro= 0' = (1,2,0) 7 (pangl up = (0,1,0)

Oc = olho = (2,1,0)

 $K_c = (olho - centro)_u = \begin{pmatrix} 2 \\ 0 \end{pmatrix} - \begin{pmatrix} 1 \\ 2 \end{pmatrix} = \begin{pmatrix} 1 \\ -1 \end{pmatrix} - \begin{pmatrix} \sqrt{2}/2 \\ 0 \end{pmatrix}_u$ 

Tc = ?

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 $Tc = \sqrt{2/2} \quad \sqrt{3/2} \quad 0 \quad -\frac{1}{3\sqrt{2}/2}$   $\sqrt{2/2} \quad -\sqrt{2/2} \quad 0$   $0 \quad 0 \quad 0 \quad 1$ 

kajoma

