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## QUESTÃO 3

A (3x3), senoo aij = i+), emão a matiz é papa por:

$$A = \begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix} \Rightarrow \begin{bmatrix} 2 & 3 & 4 \\ 3 & 4 & 5 \\ 4 & 5 & 6 \end{bmatrix}_{1}$$

Logo, atransposta ve A & papa por:

$$\vec{A} = \begin{bmatrix} 2 & 3 & 4 \\ 3 & 4 & 5 \\ 4 & 5 & 6 \end{bmatrix}$$

## b) \* corogores de All

$$\begin{aligned} & \text{Cof}(Q_{11}) = (-1)^{2} \cdot \begin{vmatrix} 45 \\ 56 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{31}) = (-1)^{4} \cdot \begin{vmatrix} 34 \\ 45 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{5} \cdot \begin{vmatrix} 34 \\ 45 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = > -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32}) = (-1)^{6} \cdot \begin{vmatrix} 34 \\ 34 \end{vmatrix} = -1, \\ & \text{Cof}(Q_{32})$$

## c) TRANSPOSTA OF A =>

$$A^{T} = \begin{bmatrix} 234 \\ 345 \\ 456 \end{bmatrix}$$
, a inverse é para por  $\frac{\Delta}{QETA} \cdot AdJA //$ 

\* escalonamento

letta c) sistema postuel e inpeterminano; gran de liberdode: 1/1 pois a variavel x e y abotam infinitas sourções para qualquer valor de @ n > p // L> Incognitios (x=3+2 Z=Z) \* sourcos//=> (x-Z=3 y+Z=-4)