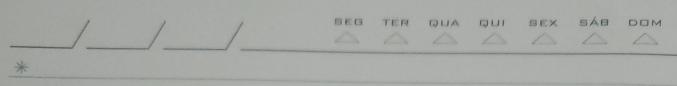
nome: Matheus Henrique
tonera Basica Matriz Invensa
$\bigcirc A=B'$ $A=\begin{bmatrix} x & 1 \\ 5 & 3 \end{bmatrix}$ $B:\begin{bmatrix} 3 & 1 \\ y & 1 \end{bmatrix}$ $X+y$
$ \begin{array}{c} + & A \cdot A = Jn \\ \hline J & 3/-5 = 1 \\ \chi y + 10 = 0 \\ \end{array} $
$\begin{bmatrix} 3 & -1 \\ 4 & 2 \end{bmatrix} \cdot \begin{bmatrix} x & 1 \\ 5 & 3 \end{bmatrix} = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$



(det=0)

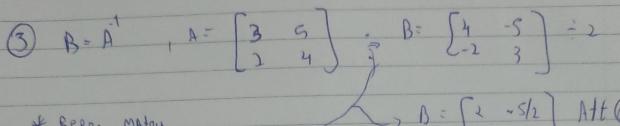
 $\det A = \begin{cases} 1 & 0 & 1 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases} = \begin{cases} 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases}$   $= \begin{cases} 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases}$   $= \begin{cases} 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases}$   $= \begin{cases} 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases}$   $= \begin{cases} 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \\ 1 & 0 & 0 \end{cases}$   $= \begin{cases} 1 & 0 & 0 \\ 1 & 0$ 

D = 9-4.1.2 D = 9-8=1

 $k_1 = 3 + \sqrt{1} = 3 + 1 = 3 - \sqrt{1}$  2.1 2.1 4 = 3 - 1 = 2 = 1 4 = 3 - 1 = 2 = 1

Alt C

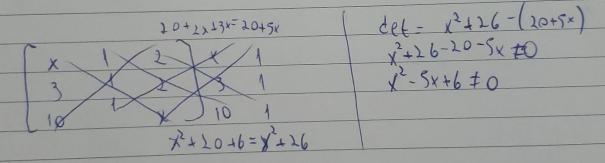
\*



+ Regno Matry
de orden 2

det A = 12-10= 2

(4) \* MATAIZ & INVISIVE (det #0)



D= 25-4.1.6 D= 25-24-1

 $x_1 \neq \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac{1}{3}$   $x_1 \neq \frac{1}{3} + \frac{1}{3} + \frac{1}{3} = \frac$ 

$$A = \begin{bmatrix} -1 & 1 & -1 & 1 & 2 & 13 \\ 2 & 1 & 1 & 1 & 2 & 23 \\ 1 & 31 & 1 & 32 & -1 & 33 \end{bmatrix}$$

$$A' = \begin{bmatrix} -1 & (-1 - 1)$$

ity = IMPAN-) mudan siNA!

$$A' = \begin{cases} 1 & 0 & + \\ 1 & -1 & 0 \\ 0 & 2 & 1 \end{cases}$$
 $A = (A')' = \begin{cases} 1 & 1 & 0 \\ 0 & -1 & 2 \\ 1 & 0 & 1 \end{cases}$ 

X.A= Dt. A'

( (x, x) 1= B 

MATRIZ transposta de uma transposta é

((x, x) 1= B' 

uma matriz Moramal -> [x=B\*,A\*]. At (B)

= [4x+5y] -> A= [4 5 5+6y] = 5 6

\* Regna Matring de orden 2:

[ -5] =-1 => AT - [-6 5] -> Alt (1)

\*

(8) 
$$A = \begin{pmatrix} 1 & k \\ -2 & 1 \end{pmatrix}$$
, som valong to 2, det  $A = \det A^{-1}$