INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DE SÃO PAULO – CAMPUS CUBATÃO

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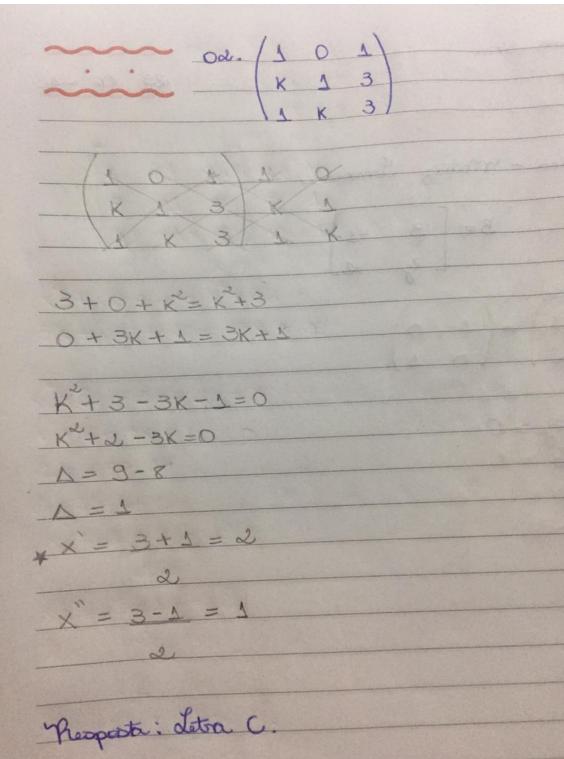
Turma: CTII 317

MATRIZ INVERSA

QUESTÕES

01.

T 2. Long 9	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Jarefa Pasica - Matriz Imorsa	3 4 4 4
03. $A = \begin{bmatrix} x & 1 \\ 5 & 3 \end{bmatrix}$ $B = \begin{bmatrix} 3 & -1 \\ 3 & 2 \end{bmatrix}$	2 22 2
$(x \ 2) \cdot (3 \ -1) = (2 \ 0)$	AND VALUE
3x + 7y = 1 (18+3) = 0	and the second
$-x + y = 1$ $\begin{cases} 18 + 3 = 0 \\ -5 + 6 = 1 \end{cases}$	
-X = -2.(-1)	
X = 2	
3.2+3=1	
6+3=1	N) colder ?
1x=-5	
aplicando va férmula:	
3.2-5=1	
7=7	
Dusta forma, x+ zy=3.	



03.4=[3 5]	B = A'
B = [x xy] = [1 0]	
- La w 1 Lo 1	
[3 5].[x	a tu T
- [3 5] · x	2 17
	132 X 5 9 1 GITE
* (3x+5a=1	(34 + 5 + 20)
- (2x + 4a = 0	627 +400 = 1
1	-03
-0=7	2
3x + 5.(-1)=1	v= 3.
3x + 5 = 1	2
3x = 6	34+5.(3)=0
x=2	
	3y + 45 = 0
	37. = - 15
	No.
	2
	24 25
	2
	3
	3 3 5
	y = - 15:3 = = 5
	6:3 2
3 = & -5/2	
-1 3/2	
respesta: Letra C.	

M. [x 1 2]
3 1 2
Lx L OL
X 1 2 X 1
3 1 3 3 1
100 x x 100 x
x + 20 + 6 = x + 26
-3x + 2x + 20 = 5x + 20
x+26-5x-20=0
x+6-5x=0
Λ = 25 - 24
$\Delta = 1$
x'=5+1=3
* *
X" = 5-1 = 2
2
Therpesta: Letra A.

05. [-1 -1				
21-				
L1 1 -	1			
- J - L - L -				
2 1 2 0				
1 1 1 1 1				
1+0+4=7				
2+2+2=6				
7-6=1		10000		
-		FRY TX		
100	A [±] =	770	-	
1-10		0-12	1	
0 2 1		401		
soma de matin	282			
	0.			
1-1 -1 2	1 1	[6]	10	0 2
		12 =		0 0
[1 1 1]	171) 7]	12	1
espesta: Letra 3.				
speak wood o.				

06.

07.

O7.
$$3 = \begin{bmatrix} x \\ y \end{bmatrix}$$
 $c = \begin{bmatrix} 4x + 5y \\ 5x + 6y \end{bmatrix}$

A. $8 = c$

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

A = $\begin{bmatrix} 4 & 5 \\ 5 & -4 \end{bmatrix}$

The posta: data P .

08.

08.AT & K]	$A^{+} = \begin{bmatrix} -1 & -2 \\ K & -c\delta \end{bmatrix}$
- 2x = 2.45	- K& = -a
K = - &.	K=-2
2	X [±] =-1
K= - 1	K=-1
Somando	
x-1-1=-2	
hesporte: Letra 3	

09.

09-a)
$$(A+B) \cdot (A-B) = A^2 - AB + BA - B^2$$

&) $(A+B)^2 = A^2 + 2 \cdot A \cdot B + B^2$
 $(A+B) \cdot (A+B) = A^2 + 2 \cdot AB + B^2$
 $A^2 + AB + BA + B^2 = A^2 + 2 \cdot AB + B^2$
 $AB = BA$

c)
$$dot(A)$$
 $dot(A) = -1 = 1$

$$dot(A) = dot A = 1$$

$$dot(A) = dot A$$

$$dot(A) = 1$$

$$dot(A) = 1$$