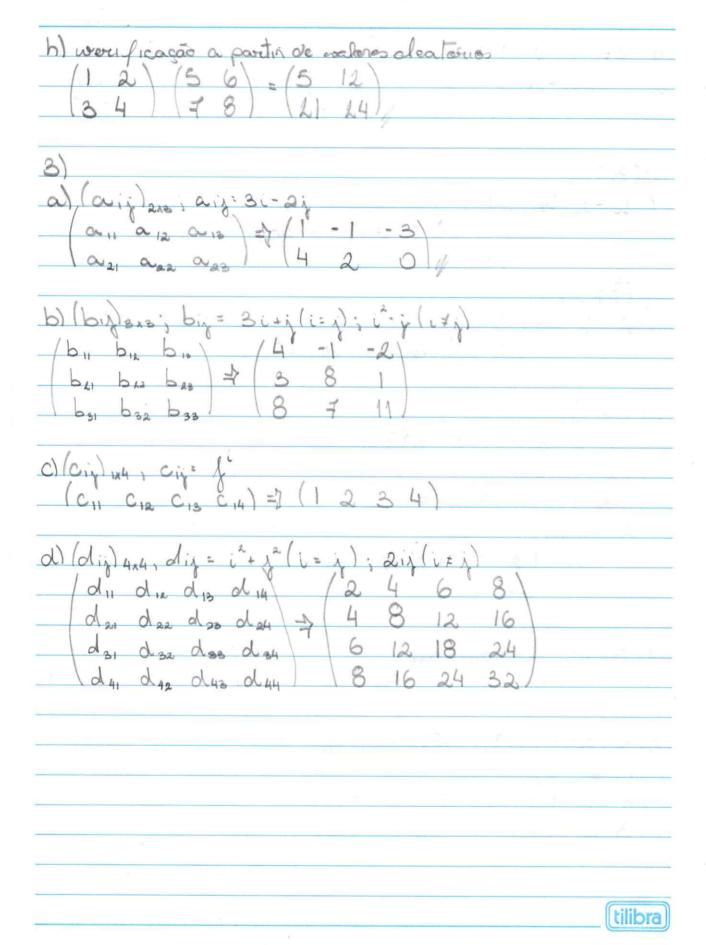


STAAN BING = CINI a) A 200 Bon = Cons Binz Ani = mão definido Box Azzo = mão está pers 9 + P defindo pais 97 P a) A Ban = mos definido, p ≠ que Ban A Ban = Cm d) Asia Bars = Cara Bars Aska = mão definido, ptq P) Aux Ban = Cax el Ama Bas: pfq Bery Aux - CHX4 Bos Acu: 9 + P h) Anna Bana = Cana a) Am Bus = Cm B 212 A 212 = C 212 3 Az = q + P FORON



$$(2 - 1 + 1)$$
 $(2 - 2 + 20 = 20)$

b)
$$[AB]_{23}$$

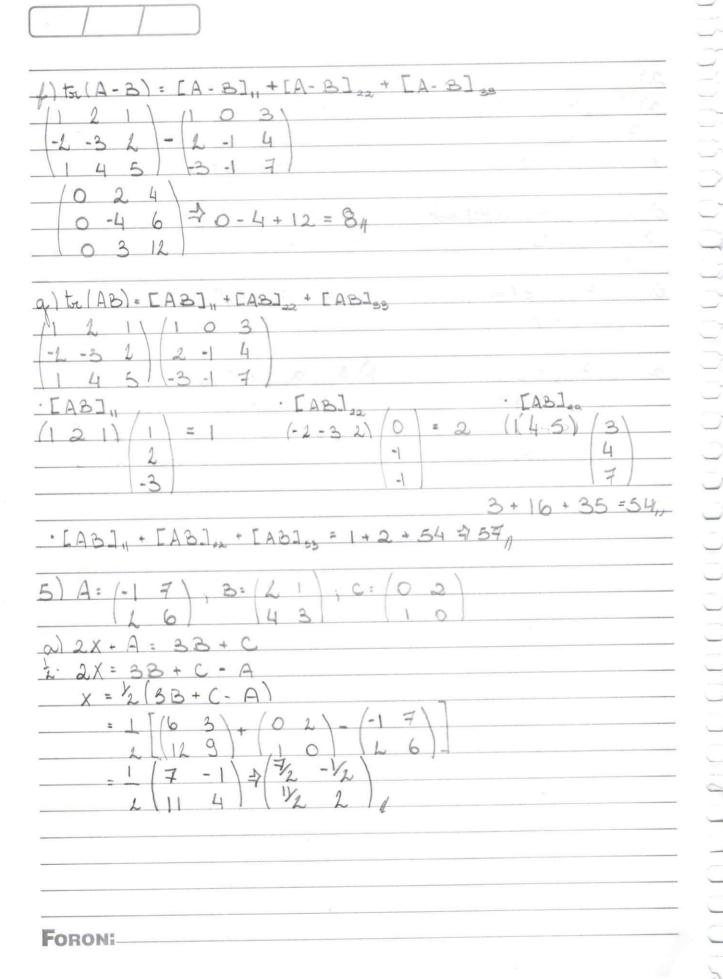
 $[-2-32)(3)$
 $[4] \Rightarrow -6-12+14=-4$
c) $[B^{2}]_{23}$

c)
$$\begin{bmatrix} 3^{2} \end{bmatrix}_{31}$$

$$\begin{bmatrix} 1 & 0 & 3 & | & 1 & 0 & 3 \\ 2 & -1 & 4 & | & 2 & -1 & 4 \\ 2 & -1 & 7 & | & -3 & -1 & 7 \end{bmatrix}_{31}$$

$$\begin{bmatrix} 1 & 0 & 3 & | & 1 & | & 2 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & -1 & | & &$$

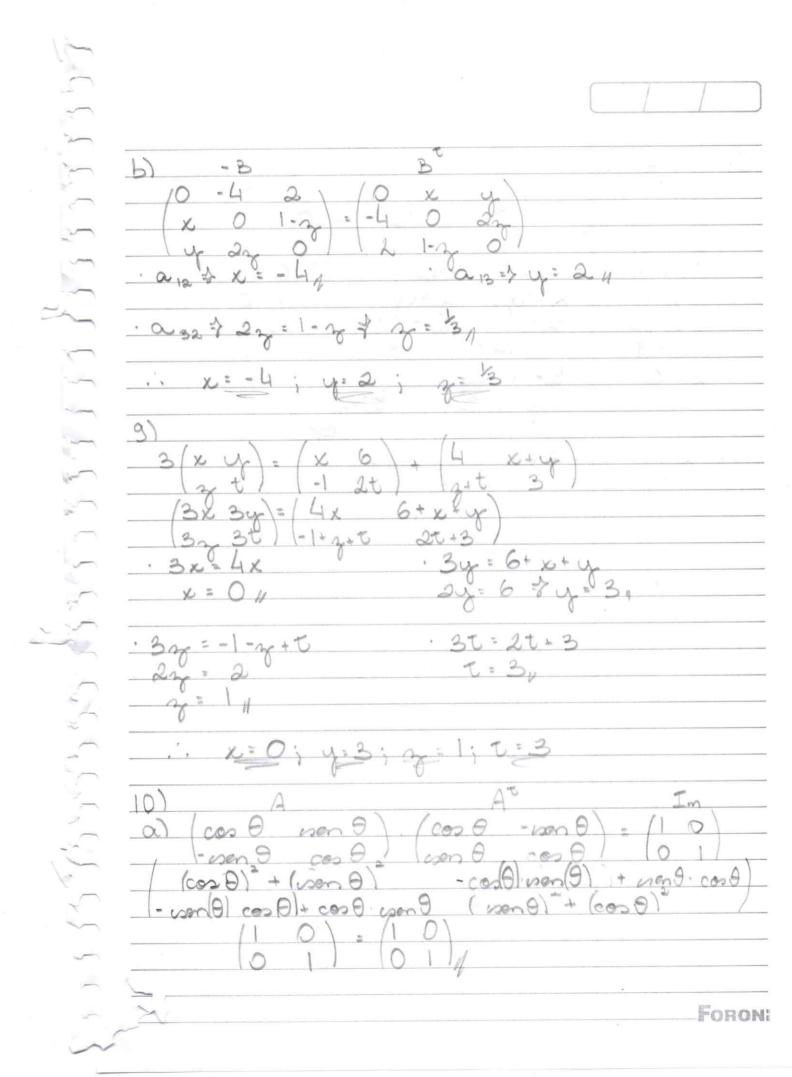
$$(1) t_{\pi}(A) = a_{11} + a_{22} + a_{33}$$
$$= 1 - 3 + 5 = 6_{11}$$



b) Y + A = 2 (B-C) T Y = 2 (B-C) T- A	- C F
= 1 [2 -1] - (-1 7]	
2 3 3 1 6 -	
$= \frac{1}{2} \left[\left(\frac{1}{2} \right) \left(\frac{1}{2} \right) \right]$	
2 -1 3 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
1 /2 -/1 /2 - 1	
1 -3 -3 7 -3 -3	all and the
c) 3X + A = B-X	
4X = B - A . 4	
X = 4 (B-A)	
$X = \frac{1}{3} - 6 \rightarrow \frac{34}{4} - \frac{3}{2}$	30: 335
4 2 -3 7 2 -3/4/	
The state of the s	
d $X+Y=3A$	
-(X-Y=2B+C)	
$2X = 3A + 2B + C \cdot 2$ X = 2(3A + 2B + C)	1.00
$X = \frac{1}{2}(3A + 2B + C)$ = $\frac{1}{2}[(-3 21) + (4 2) + (0 2)]$	A Galan
1/-1 05/1/2 25/	
1 15 24 15/2 12	
6) A= A A= (1 x \. (1 x)	A -
$=(1+1)$ \times \times \times	
x + x 1 + 1	
= (2 3/2)	
- 2x - b	- λ
= 2 x = 2A	
\ <u>x</u>	-
	Foron

* A = 2 A · multipliande es lades por A A = 2 A = 2 A = 4 A = 4 A = 8 A · A = A · A = 2 M · A pora	
7) X = AB; Y = AC a portir prod a) A(B+C) = AB+ AC =7 X+Y	An all
b) B A = (AB) + (X)	
0) C= A= (AC) + (N)	4-1-1-1
a) (ABA) C = (XA) C = X(AC)	=8 XYN
8) $A = A^{\frac{1}{2}}$ 2x - 3 = 4 2x - 3 = 4 2x - 3 = 4 3x + 2	2x - 3 $x + 1$ $0 + 2 = 2x + 3$ $x = -1$ -5 0
Foron:	

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10 1/12	2/ \x	y.	~/	0	01/	
/1 + x2	0 xy	X	- 0 /	110	00/	
XY	12 + 4	20	Y3	= 0	0	
· Xx	2.4	1 2	201	10	0 1 1	
1+x=1	1/2 12	-				
X = 0	1-4	12	. 5.	+2=		
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					J.C.	guriellous III.

1.7 (1.7) (1.7) (1.7) (1.7) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3) (1.3)