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P91
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Lista de Exercícios - Matemática I - Semana 8
ON THE REST OF A PARTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF
1) Escreva em forma de tabela as matrices dadas:
SATURE OF THE PROPERTY OF THE
J.J-A=(aij)3x3, com aij = 5/2 (-i)2-2/3 (-(j)2)
021 022 023 +8/3 +14/3 +8 031 032 033 3x3 +31/6 +43/6 +21/2 3x3
$\alpha_{11} = \frac{1}{2}(-1)^2 - \frac{2}{3}(-(1)^2) = \alpha_{12} = \frac{1}{2}(-1)^2 - \frac{2}{3}(-(2)^2) =$
1/2.1+2/3.1=1/2+2/3= 1/2.1+2/3.4=1/2+8/3=
3/6+4/6=+7/6" 3/6+16/6=+19/6"
$\alpha_{13} = \frac{1}{2}(-1)^{2} - \frac{2}{3}(-(3)^{2}) = \alpha_{21} = \frac{1}{2}(-2)^{2} - \frac{2}{3}(-(1)^{2}) =$
3/2.1 + 2/3.9 = 3/2 + 18/3 = 3/2.4 + 2/3.5 = 9/2 + 2/3 =
$\frac{346}{12+6} = \frac{1}{2+12} = \frac{2}{1+2} = \frac{6}{3} + \frac{2}{3} = \frac{6}{3} + \frac{2}{3} = \frac{1}{3} = \frac{1}$
+13/2, +8/3,
$\alpha_{22} = \frac{1}{2}(-2)^2 - \frac{2}{3}(-(2)^2) = \alpha_{23} = \frac{1}{2}(-2)^2 - \frac{2}{3}(-(3)^2) =$
1/2.4+2/3.4=4/2+8/3= 1/2.4-2/3.9=4/2+18/3=
2/1+8/3=6/3+8/3= 2/1+6/1=8/1=+8,
+14/3,
$0.31 = \frac{1}{2}(-3)^2 - \frac{2}{3}(-(1)^2) = \frac{1}{2}(-3)^2 - \frac{2}{3}(-(2)^2) = \frac{1}{2}(-3)^2 - \frac{2}{3}(-3)^2 - \frac{2}{3}(-$
1/2.9+2/3. 1=9/2+2/3= 1/2.9+2/3.4=9/2+8/3=
27/6+4/6=31/6 > +31/6, 27/6+16/6=+43/6
11-1 712 01-1 1-10
$\alpha_{33} = \frac{1}{2}(-3)^2 - \frac{2}{3}(-(3)^2) =$
3/2.9+2/3.9=9/2+18/3=
2/2 + 6/1- 2/2 -
+25/2,

data 25.04.4 fecha 25.04.4

60000000000000000000000000000000000000
1.2-A=(aij)4x4, com aij=-i²-j²
A=[
A= an an an an 9 , A= -2 -5 -10 -17] an an an an an -5 -8 -13 -20
031 022 022 024 -10 -13 -18 -75
1941 942 943 944) 4x4 [-J7 -W -C5 - 19x9
$\alpha_{H} = -\hat{x}^{2} - J^{2} = -J^{2} - J^{2} = \alpha_{12} = -\hat{x}^{2} - J^{2} = -1^{2} - 2^{2} = -1^{2}$
J+J=2, -J-J=-2, -J-4=-5,
$a_{13}=i^{2}-J^{2}=-J^{2}-3^{2}= a_{14}=-i^{2}-J^{2}=-J^{2}-4^{2}=$
-1-9=-10, $-1-16=-17,$
$\alpha_{21} = -\hat{i}^2 - J^2 = -2^2 - J^2 = \alpha_{22} = -\hat{i}^2 - J^2 = -2^2 - 2^2 =$
-4-5=-50 -4-4=-80
Q23=12-J2=-22-32= Q24=-12-J2=-22-42=
-4-9=-13, -4-16=-20,
$a_{31}=\frac{1^{2}-1^{2}}{1^{2}-1^{2}}=\frac{1^{2}-1^{2}}{1^{2}-1^{2}}=\frac{1^{2}-1^{2}-1^{2}}{1^{2}-1^{2}-1^{2}}=\frac{1^{2}-1^{2}-1^{2}}{1^{2}-1^{2}-1^{2}}$
$-9-1=-10$, $-9-4=\frac{13}{3}-13$,
EL NEL JENE-12-13-13 PERENDINE PARENDING FOR THE STATE OF
$\frac{a_{33} = -i^2 - J^2 = -3^2 - 3^2}{-9 - 9} = \frac{a_{34} = -i^2 - J^2 = -3^2 - 4^2}{-9 - 16} = \frac{-3^2 - 4^2}{-9} = \frac$
The second secon
$\frac{241^{2}-u^{2}-J^{2}=-4^{2}-J^{2}=0}{-16-J=-17} = \frac{-4^{2}-J^{2}=-4^{2}-2^{2}=-16-4=-20}{-16-4=-20}$
THE RESERVE OF THE PARTY OF THE PROPERTY OF TH
$\frac{0.43 = -0.2 - 0.2}{-16 - 9 = -2.50} = \frac{-42 - 32}{-16 - 16 = -32}$
J.3-A= (ais)4x4, com auj = -3/4 i + 1/3 + 5/6 -3

pg3

A - an an an an on one of the original o		1-15/10 35/12 155/127
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	A = a11 Q12 Q13 Q14 9	H- 1/12 1/12 12/11
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Q21 Q22 Q23 Q24	1-3/3 3/10 (1/10 177/10)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		37/16 17/11-
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Qui Muz Q43 Q44 4×4	[-J]/6 2/3 29/6 32/3 J4x4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Qu= -3/4.1+1/2+5/6.12=	Q12= -3/4.1+1/3+5/6.2= 3,4,6/2
-3/4+3/3+5/6 = -3/4+1/3+20/6 = 1,1,3,3,3 $-3/4+3/3+5/6 = -3/4+1/3+20/6 = 1,1,3,3,3$ $-3/4+3/3+5/6 = -3/4+1/3$		-3/4+1/3+5/6.4= 3,2,3 2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		-9+4+40=+35 12 _n
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10 10	12 12 ,
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	0 - 2/4/1/2/5/1 32-1	0,4=-3/4.1+1/3+5/6.42=
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$021 = -3/4.2 + 5/3 + 5/6.3^{2} = 0.22 = -3/4.2 + 5/3 + 5/6.2^{2} = 2,3,6 = 2$ $-6/4 + 5/3 + 5/6.5 = -6/4 + 5/3 + 5/6.4 = 1,3,3 = 3$ $-3/2 + 5/3 + 5/6 = -3/2 + 5/3 + 20/6 = 1,5,5 = 6$ $-9 + 2 + 5 = -9 + 7 = 47 - 9 + 2 + 20 = -9 + 22 = +13$ $-6 = 6 = 6 = 6$ $-2 = -5$		
$021 = -3/4.2 + 5/3 + 5/6.5^{2} = 0.22 = -3/4.2 + 5/3 + 5/6.2^{2} = 2,3,6/2$ $-6/4 + 5/3 + 5/6.5 = -6/4 + 5/3 + 5/6.4 = 1,3,3/3$ $-3/2 + 5/3 + 5/6 = -3/2 + 5/3 + 20/6 = 1,5,5/6$ $-9 + 2 + 5 = -9 + 7 = 47 - 9 + 2 + 20 = -9 + 22 = +13$ $6 \qquad 6 \qquad 6 \qquad 6$ $-2 = -5$		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	- = 6107 x 811 + 178 +	12 12 12
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	244 0 1512 614 12	21: 21: 21: 21: 21: 21: 21: 21: 21: 21:
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		
$\frac{-9+2+5=-9+7=\pi}{6} = \frac{-9+2+20=-9+22=+13}{6}$ $-2=-1$		
$\frac{-9+2+5=-9+7=\pi}{6} = \frac{-9+2+20=-9+22=+13}{6}$ $-2=-1$		-3/2+1/3+20/6=1,1,16,1
28,-2=-18,888-08,884-08,884-08,884-08,884-08	-9+2+5=-9+7=- 1-5	3+2+20=-9+22=+13
28,-2=-18,888-08,884-08,884-08,884-08,884-08		6 6
6 3,	$\underline{-2} = -\underline{1}$	18 + 1 + 45 = 18 + 44 = 194
	6 3,,	
a23 = -3/4.2+1/3+5/6.32 = a24 = -3/4.2+1/3+5/6.42 =	a23 = -3/4.2+1/3+5/6.32 =	024=-3/4.2+5/3+5/6.42=
-6/4+3/3+5/6.9= -6/4+3/3+5/6.16=	-6/4+3/3+5/6.9=	-6/4+1/3+5/6.16=
-3/2+5/3+45/6= -3/2+5/3+80/6=	-3/9+3/3+45/6=	
-9+2+45=-9+47=+38= -3/2+1/3+40/3=		-3/2+1/3+40/2-
6 6 6 -9+2+80=-9+82=+73		-9+2+80=-9+89 +73
$+\frac{38^{\circ 2}}{6:2} = +19$ 6 6 6	13832 = +19	

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P O O O O O	94
0312-314 211/11/11/12	ago = -3/4.3+5/3+5/6.22=
-9/4+5/3+5/6.5=	-9/4+5/3+5/6·4=
-914+513+5/6= -27+14+18	-9/4+1/3+20/6=
-27+4+10=-27+14=	-27+4+40 = -27+44 = +17
12 12	12 12
-13 - 3 38 - 5 12 + 1 4 18 -	12 12 12
12	8-12/2/2/2/2/2018
= 3/05 + 8/1 + 3/8	-1447/348//
133=-3/4.3+5/3+5/6.82=	034=-3/4.3+1/3+5/6. 42=
-9/4+1/3+5/6.9=	-9/4+5/3+5/6-16=
-914+113+45/6=	-914+113+8016=
-27+4+90=-27+94=+67	-27+4+160=-27+164=+137
_12 12 12	12 12 124
= 9/08 9+5+5/F+19/8	-3/4/1/84/45/8 +188/
Q412-3/4.4+5/3+5/6.52=	092=-3/4.4+1/3+5/6.22=
-12/4+3/3+5/6.12	-12/4+1/3+5/6,4=
-3/1+1/3+5/6=	-3/1+1/3+20/6=
-18+2+5=-18+7=-11	$-18+2+20=-18+22=+4^{2}=+2$
6 6 6,	6 6 6:2 3,
FEET 1 8 9/578/FB	10-11-52-013+514+4/0-
Q43=-3/4.4+1/3+5/6.32=10	244=-3/4.4+1/3+5/6.42=
	-12/4+1/3+5/6.16=
-3+5/3+45/6=	-3/1+1/3+80/6=
-18+2+45=-18+47=+29 -	$18+2+80=-18+82=+64^{32}=+32$
6 6 11	6 \$6 6:2 3,
	7/2016/
J.4-A=(ais)3x3, com aij==	+121+5/352
-= 91 0 / Excit + 110	= E E E E E E E E E E
A= a11 a12 a13 ; A= -	-13/6 19/6 23/2
	16/3 - 3/3 8
031 032 033 3X3 - L-	53/6 -23/6 9/2 3×3

Q11 = -7/2. 1+5/3.12 =	aiz=-7/2.5+5/3.22= 2,3/2
-7/2.1+5/3.1=	-7/2+5/3. U= 1,3 3
-7/2+5/3=	-7/2+20/3= 11/6a
-21+10=-21+10=-11	-2J+40=+19
6 6 6,	6 6,
-48-(8)3-8-A6 S	SET DESCRIPTION OF THE
0,13=-7/2.1+5/3.32=	10,4=-7/2.5+5/3.42=
-7/2+5/3.9=	-7/2+5/3.16=
-7/2+45/3=	-712+80/3=
$-2J+90=69^{23}=+23$	-21+160=+139
	6 6 "
Q21=-7/2.2+5/3.12=	ar=-7/2.2+5/3.22=
	-7/1+5/3.4=
-7/1+5/3=	-7/1+20/3= , , ,
-21+5=-16	-21+20=6-1
3 3,,	3 3,,
3 - 3 - 5	AT AND BUR BIR SUB IN TA
Q23=-7/2,2+5/3,32=	azu=-7/2.2+5/3.42=
-7/1+8/3.9=	-7/1+5/3.16=
-7/3+45/3=	-7/1+80/3=
-21+45=+24=+8,	-21+80=+89
3 3	3 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
	- TEROTES - 0 - TISE - EIA
031=-7/2,3+5/3,12=	032=-7/2.3+5/3.2=
-21/2+5/301=	一到-21/2+5/3.4=-21/2+20/3=
-21/2+5/3=	-63+40=-23
-63+10=-53	6 6,
6 6,	A COLUMN CONTRACTOR
	0=0+2.2=0. °C+12 = MED
033=-7/2.3+5/3.32=	034=-7/2.3+5/3.42=
	6/3= -21/2+513.16=-21/2+80/3=
-63+90=+27:3=+9	10:110
-62+30= ナムナーニ ナン	6 6 6

data 25.04. U P96 2) Construir a motriz A=(aij)3x2, para aij=f(i)+ F(J), onde p(x)=x+1. A= a11 a12 p/x=1 >f(1)=1+1=2 · A= 14 p/x=2+(2)=2+1=3, az1 azz p/x=3 > c(3)=3+1=4, [031 032] 3×2 3xz QH = K(1)+K(1)= 2+2=4 a31= f(3)+f(1)=4+2=6, Q12= F(1)+F(2)=2+3=5, $Q_{21} = \chi(2) + \chi(1) = 3 + 2 = 5, \quad Q_{32} = \chi(3) + \chi(2) = 4 + 3 = 7,$ $Q_{22} = \chi(2) + \chi(2) = 3 + 3 = 6,$ 3+0 símbolo delta de Kronecker e definido por : δ15=50, se i + J, construa a motir A=(a)3x4, (1, se i=J para auj = 3i+ j = 815 A= Q11 Q12 Q13 Q14 6 Q21 Q22 Q23 Q24 131 A32 A33 A34 J3X4 9 Q11=31+52.1=3.1+12.1=3+1.1=3+1=4 Q12=3i+J2.0=3.1+0=3. $0.13 = 3i + 5^{2}.0 = 3.1 + 0 = 3.$ $0.13 = 3i + 5^{2}.0 = 3.1 + 0 = 3.$ $0.14 = 3i + 5^{2}.0 = 3.1 + 0 = 3.$ Q21=31+52.0=3.2+0=6. 022=3i+J2.J=3.7+22.J=6+4=JO. Q23=31+J2,0=3.2+0=6, 024= 3i+J2.0=3.2+0=6. 0.31 = 3.1 + 7.0 = 3.3 + 0 = 9.1 0.32 = 3.1 + 7.0 = 3.3 + 0 = 9.1033=3i+J2,J=3,3+32,J=9+9=18, 039=3i+J20=3.3+0=9,

60	70
~50	, * 70
22500	64900
× 50	× 70
125000	343 000



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P97
4) Seja A=(aij),00 x s00, onde aij=i3+2J+3.
Determinar 035, 9502, 91010, 039, 07060
Q35 = L=3, C=5;
Q35=33+2. J+3= 33+2. S+3= 27+10+3 = Q35=40,
a soz => L = SO, C=2;
asoz=13+2. J+3=503+2.2+3=125000+7= asoz=125007,
Q1010 = L=10, C=10;
Quoso=13+2.J+3=103+2.10+3=1000+237 asoso=1023,
039 > L=3, C=9;
039 = 13 + 2.5 + 3 = 33 + 2.9 + 3 = 27 + 21 \Rightarrow 039 = 48
A 7060 > L= 70, C=60;
97060 = 13+2. J+3 = 703+2.60+3=343000+123 = 0.7060=343123
St Construir a matriz A=(ass) 3x3, em que aij=
Si-T, se i+T
lity, se i=J
A= [a11 a12 a13]
    azi azz azz
    La31 a32 a33 /3x3
Q11=1+J=1+1=2, | Q21=1-J=2-J=1 A Q31=1-J=3-J=2
a12=i-J=J-Z=-J, a22=i+J=2+2=4, a32=i-J=3-Z=J.
a13=i-J=J-3=-2 | a23=i-J= 2-3=-1 | a33=i+J=3+3=6.
```

6) Escreva em forma de tabela a matriz A= (a15)3x3; poura ouj= 52, se élj

data 25	
data 25.04-21 088899	
Pag 8	
A= [an an an an an A= [0 2 2]	
021 022 023 10 2	MAL
(31 (132 (133) 3X3 ()) () 3X3	10.0
$QH = \hat{I} = J \Rightarrow \alpha I = 0$	
Q12= 1x5 = 212= 2	
$0.13 = i < J \Rightarrow 0.13 = 2$ $0.31 = i > J \Rightarrow 0.31 = 1$	0.40
$0.32 = i > J \Rightarrow 0.32 = 1$	A 54
124=1>J=> 021=1 033=1=J= 033=0	
$\alpha_{22} = i = J \Rightarrow \alpha_{22} = 0$	ALO I
a23=i <j +015+015+01<="" 000="" a23="2" td="" ⇒=""><td>Que</td></j>	Que
7) Determinar os valores de X, Y, Z e w para qu	ue_
A=B. Alega silvitis all all all all all all all all all al	#4 E
1 6 1 0 5 10 11 67	
$A = \begin{bmatrix} -5x - 4 & 1 & 5 \\ & & & & \end{bmatrix}$	0.5 (1)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	2
1 2 3 -W +0 13A3 LINY > - 1 J3X	5
112-5x-4=-19 { a23 > Y-12=-17/a33 > - w48	= -1
$a_{H} = -5x - 4 = -19$ $a_{23} \Rightarrow y - 12 = -17 / a_{33} \Rightarrow -w + 8$ -5x = -19 + 4 $y = -12 + 12$ $-w = -1$	
-5x = -15 (1) $(y=0)$ $-w=-9$	
$\frac{3x-15}{5x=15}$ $w=9$	-4
$X = 15 \Rightarrow [X = 3]$ $Q_{31} = 7^2 = 144$	
Z=± V144	
[7=+12], ou [7=+12]	
	3
- 6-17-8-17-12-12-12-12-12-12-12-12-12-12-12-12-12-	
1=1-5.3-4 J 5 B= -19 J 5 7	Fails
A= -30) - 6 4 -12	FOID FOID
4 30	5.110 5.110 5.110
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ESID SEID
A= = 30) - 12 - 6 4 - 12	A= B.

pgg and

A= 2x 3Y e B= 4 -9 Z+t 6 2xz
Z+t 6 2xz [1 2Z]2x2
$\frac{1}{2} \frac{1}{2} \frac{1}$
$a_{11} \Rightarrow 2x = 4$ $a_{12} \Rightarrow 3y = -9$ $a_{21} \Rightarrow z + t = 1$ x = 4 $y = -9$ $3 + t = 1$
$\begin{bmatrix} x = 2 \end{bmatrix} = \begin{bmatrix} x = 2 \end{bmatrix} = \begin{bmatrix} x = -2 \end{bmatrix}$
D22⇒2Z=6 Z=6 p (Z=3)
25
A= [2.2 3.(-3)] = B= [4 -9]
$A = \begin{bmatrix} 2.2 & 3.(-3) \end{bmatrix} = B = \begin{bmatrix} 4 & -9 \\ -3 & 2.3 \end{bmatrix} = \begin{bmatrix} 4 & -9 \\ -2.3 &$
1 4-9.6391
9) Determinar os valores de x para que A=B.
The state of a grant ab angles to have milled to
$A = \begin{bmatrix} x^2 - 6x + 9 & 0 \\ x^2 - 3x - 4 & J \end{bmatrix}$ e $B = \begin{bmatrix} J & 0 \\ 0 & J \end{bmatrix}$ ZxZ
[X - 3X - 7] 2x2 [0]] 2X2
· Dhoomie = · Ac raizes lange des duce compreses de
*Observação: As ronzes iguais das duas equações de Segundo gran sera o volor de x na resposta.
segundo gran sora sora sora sora sora sora sora sora
$x^{2}-6x+9=1 \Rightarrow x^{2}-6x+9-1 \Rightarrow x^{2}-6x+8=0$
10=62-4.a.c 1
$a=J$ $D=(-6)^2-4.5.8$ $X_3=+6-74=+6-7=4 \Rightarrow x_3=2$
6=-6 A=36-32 Z.J Z Z
C=8 D=4 D>0
$X_2 = +6 + J4 = +6 + 2 = 8 \Rightarrow x_2 = 4$
XJ, 2=-6-VA' ZJ Z Z
2.0

Pg 10

029 10
$X^2 - 3x - 4 = 0$
$A = \int_{-3}^{2} 4 \cdot a \cdot c \qquad X_{1} = +3 - \sqrt{25} = 3 - 5 \Rightarrow X_{1} = -2 = -1$ $A = \int_{-3}^{2} 4 \cdot a \cdot c \qquad X_{1} = +3 - \sqrt{25} = 3 - 5 \Rightarrow X_{2} = -2 = -1$
$0 = 1$ $\Delta = (-3)^2 - 4 \cdot 1 \cdot (-4)$ $2 \cdot 1 \cdot 2 \cdot 2$ $0 = -3$ $\Delta = 9 + 16$ $0 = -4$ $\Delta = 25$ $\Delta > 0$ $\Delta = 43 + \sqrt{25} = 3 + 5 = 8 \Rightarrow 2 = 4$
6 - 311 = 9 + 16
$C = -4 = 25 = 100 = 25 = 3 + 5 = 8 \Rightarrow x_2 = 4$
2.5 2 2
$X_{1,2} = -6 + \sqrt{3}$
2, a *Para que A=B, em ambos os casos, o valor de x e Igual a 4.
Casos, o vacor de x e reguert or is
A= [42-6,4+9 0] = B=[1 0]
$A = \begin{bmatrix} 4^{2} - 6.4 + 9 & 0 \\ 4^{2} - 3.4 - 4 & 1 \end{bmatrix} = B = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} = 2xz$
10+ Determinar os valores de x, y, a e 6 para que A=B.
A = [2x+3y - 2a+3b] = [7 9] [3x-y-2a+3b] = [-2]
[3x-y-2a+36]2x2 L-2]] J2x2
(2x+3y=7.3) $(5a-b=9.2)$
$\frac{(2x+3y=7.3)}{(3x-y=-2.(-2))}$ $\frac{(5a-b=9.2)}{(-2a+3b=1).5}$
(3)
56x+9Y=21+ 510a-26=18+
7-6x+2y=4 7-10a+156=55
0 J J Y = 25
Y= 25 6= 73
13
52x+3y=7 .3 $55a-b=9$.3 $73x-y=-2$.3 $2-2a+3b=11$.1
73x-y=-2 .3 $(-2a+3b=JJ$.1
(2x+3y=7 + 2X=1) (515a-3b=27+0) (a=38)
$\frac{79x-3y=-6}{111x+0=1}$ $\frac{13}{130x+0=38}$
JATO-A JATO

Oi professora! Então, essa é uma das páginas do conteúdo que copiei do material da última aula... Aí, como ficou um espaço ao final da folha, decidi finalizar a lista de exercícios nesse espaço, pra não utilizar outra folha kkk.

2ª Columa de A = 2ª Columa de B
eliminar x eliminar y
$\{x-y=3\}$ $\{x-y=3\}$ $(+2)$
(-x+2y=2) $(-x+2y=2)$
$\begin{cases} x - y = 3 + $
$\begin{cases} x - y = 3 + $
UT7-3
Y=5 $X=8$
$A = \begin{bmatrix} 9+3 & 3+9 & 8-5 \\ -3 & -3.3+2.9 & -8+2.5 \end{bmatrix} = \begin{bmatrix} 12 & 3 \\ 9 & 2 \end{bmatrix}$
$A = \begin{bmatrix} 12 & 3 \\ -9+18 & -8+10 \end{bmatrix}$; $B = \begin{bmatrix} 17 & 37 \\ 9 & 2 \end{bmatrix}$
-9+18 -8+10 J = 2 J
- 27 + 27 = 12 + 16 / 2 = 1 - 1/2, 4 + 2/3, 1 = 1/2 + 1/2 = 1
$A = \begin{bmatrix} 12 & 3 \\ 9 & 2 \end{bmatrix}_{2\times 2} = B = \begin{bmatrix} 12 & 3 \\ 9 & 2 \end{bmatrix}_{2\times 2}$
+ Algumas veres coisas ruins acontecem em nossas
vidas para nos colocar na direção das melhores
coisas que poderiamos viver

*Continuação da questão 10:

 $A = \begin{bmatrix} 2 \cdot (1/11) + 3 \cdot (25/11) & 5 \cdot (38/13) - 1 \cdot (73/13) \\ 3 \cdot (1/11) - 1 \cdot (25/11) & -2 \cdot (38/13) + 3 \cdot (73/13) \end{bmatrix} 2 \times 2$

$$= B = \begin{bmatrix} 7 & 9 \\ -2 & J \end{bmatrix} 2xz$$