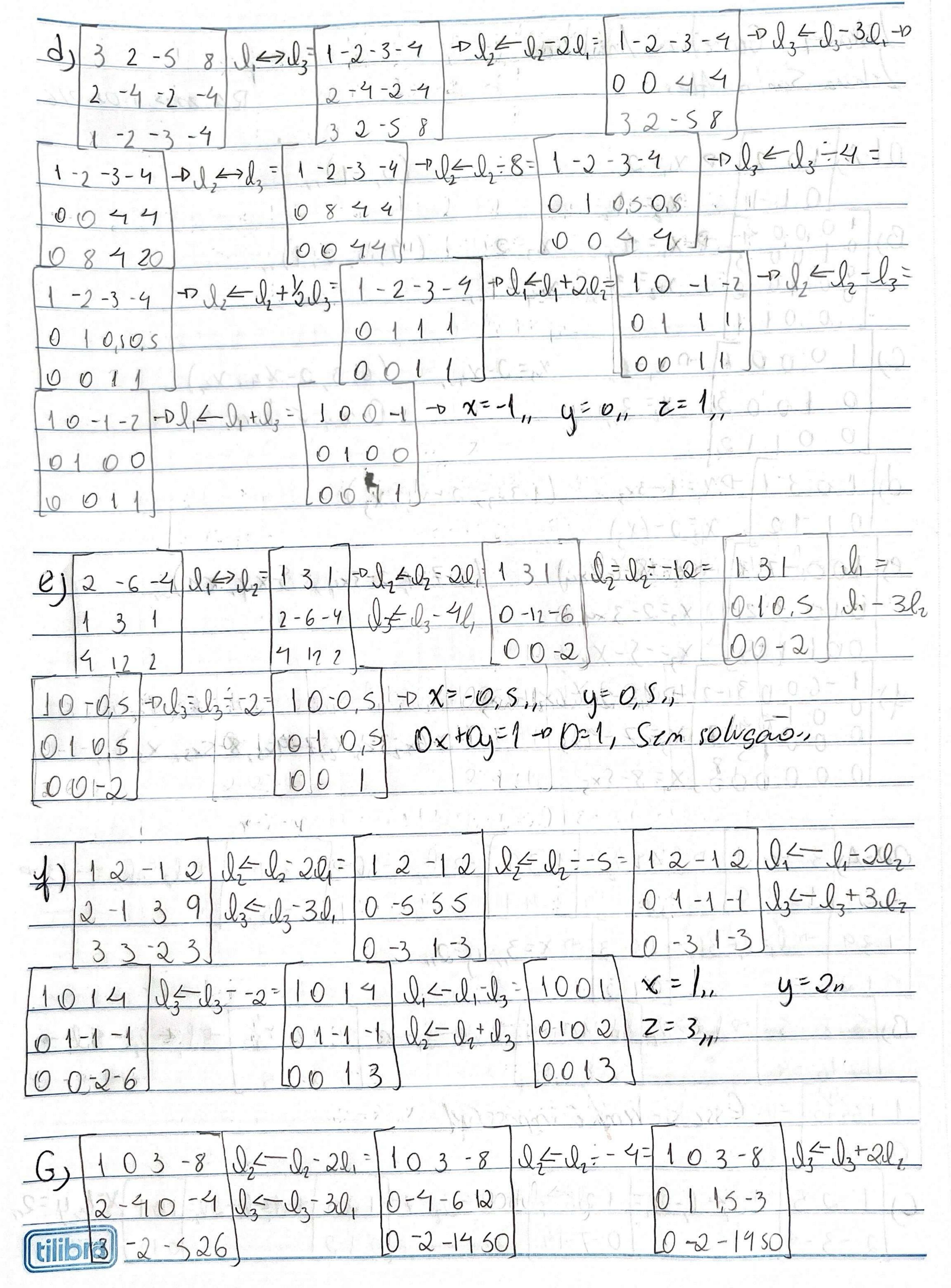
Lista 4 - Geometria Anafilica: Lista 4 - Geometria Anafilica: RA: 2028. 1.08	2.016
01-A + 102 - P = 2. (2,-1),	
B) $\begin{vmatrix} 0 & 1 & -1 \\ 0 & 0 & 0 & 4 \\ 0 & 0 & 0 & 4 \end{vmatrix}$ -P x, = 4, $x_3 = 2$, $(4, 3, 2, 1)$,	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
0 0 1 1	
C_{1} 1 0 0 0 6 -0 χ_{1} = 6, χ_{3} = 3- χ_{4} , (6, 3, 2- χ_{4} , χ_{4}).	
0 1 0 0 3 = X= 3, 0 x 4 é livre.	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
e) 100-78-0x=+8-6-7xy) (8+7xy, 2-3xy, -5xy, xy),	115
01032 X ₂ =2-3×9	
$[0011-5]_{x_3}=-5-x_4$	
$\frac{4}{100003-200000000000000000000000000000000$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
02-A) 3-41-Dl, 4+12-0139-Dlid-30-Dlid-30-Dlz=dz=-	-13-p
1 3 9] [3-41]	
139 - 1 - 3 - 103	
$\frac{1012}{13}$ $\frac{1}{5}$	1-0
1016-4 585	
1 1,6 40 -0 Esse sis rema é impossível	
002	
C) 125 - Plz l-21= 125 - Plz l: 7= 125 - Dl = 101 X=1,	y=2xi
[2-3-4] [0-7-14] [012] [vilik	ora



$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
100-1144
hy 1 2 3 10 l/2 - 21 - 30; 1 2 3 10 l/2 - 2= 1 2 3 10 l/2 - 2 - 2 l/2 - 2
$34623 l_3 = l_3 - 2l_1 l_2 - 2 - 3 - 7 l_3 - l_2 l_2 = 011,53,5$
[22313] [0-2-3-7] [0000]
1003 x=3,, z=variavel livre,
011,53,5 4-3,5,
10000
1-34-12 12-1-34-12 12-1-34-12 12-1-34-12 14-12 14-12 12-1-34-12 14-12 12-1-34-12-1-34-12 12-1-34-12 12-1-34-12 12-1-34-12 12-1-34-12 12-1-34-12-1-34-12-1-34-12-1-34-12-1-34-12-1-34-12-1-34-1-34
9 1-34-12 12-12-21-134-12 12-12-5-11-34-12 12-12-5-11-34-12-12-12-12-12-12-12-12-12-12-12-12-12-
$[2-13-219] \qquad [03-5015] \qquad [01-10]$
101-111 X=11-z+W, y=3+Z, ze w são variers livres.
01-103
02-ay 12318 1= 10213 l=l-l= 10213 l=l-2l2
10213 - 12318 02105
$\frac{10213}{10213} = \frac{1021318}{102105}$ $\frac{10213}{10213} = \frac{10713}{10713} = \frac{10011}{10011} = \frac{102105}{10011} = \frac{10011}{10011} = 1001$
10213 - 12318 02105
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

tilibra

C) 1230 -0 x=0, y=0, z=0, p solução brival
9-1-1-0-1-3
1120
04-A) 1-2112 JED-20-1-2112 JED-21-2-1-2112
2-51-2-1 05-0-1-14-5
3-72-12 [0-1-1-4-4]
Osistema B 1-2.11 l= l-211 l= 1-211 l= 1-211 lz-(-1)
now é possível 2-5/1-2 2=2-32, 0-1-1-4
Oxtogroz=1 3-72-1 [0-1-1-4] [0000]
$0.2-0.+20.=1039$ $X_{1}=9-3x_{3}$ $X_{2}=4-x_{3}$ $X_{3}=x_{3}$
0114
0000
Level - 1 11 - X = 1 1 - 7 + 1 W 1 1 - 1 2
05-1/105 +44=505 X D 5050 24-1-5=
$\frac{\partial \mathcal{A}}{\partial x} = \frac{\partial \mathcal{A}}{\partial x} = \partial $
01-4 010 X1 0 100
0100 0100 $x_3=x_3$
[1510] = [0.500]
Y = X 1 T X
B) (A-2I) X=0 -1050 J. 6 J. + 2 J.= 1-270 J.= 1-270 J.=
1-110 lz-lz 01-60 0.1-60 0.1-60
[01-6]0] [1-110] [0-1-60]
$\frac{1-270}{0.1-60} = \frac{1-0.1-0.0}{0.1-60} = \frac{1.0-50.0-0}{0.1-60} = 1.0-50.0$
X C Y X = Fr (i) it is it is it is it.

