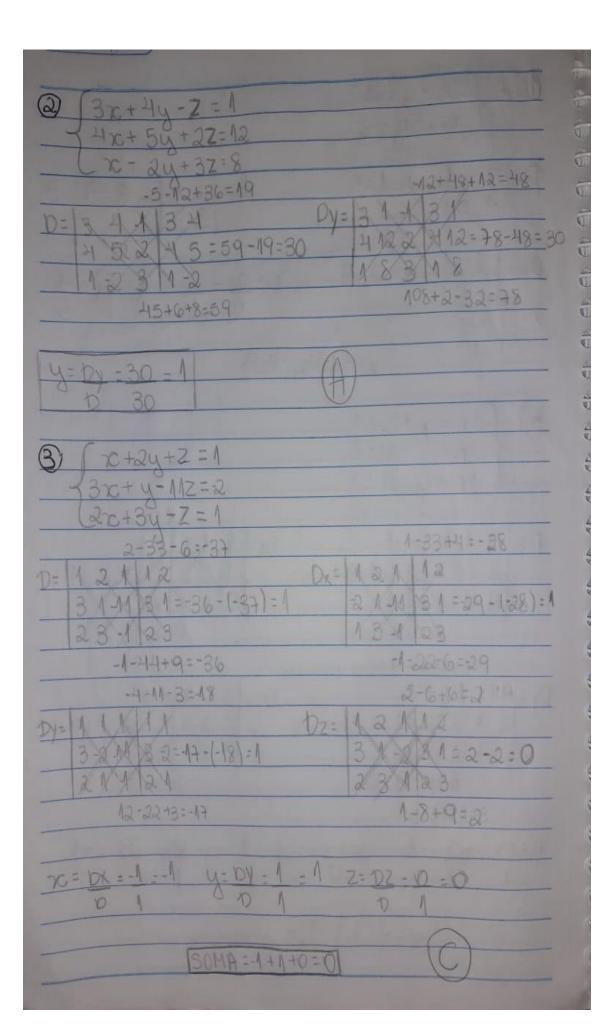
## **Evelyn Santos de Santana**

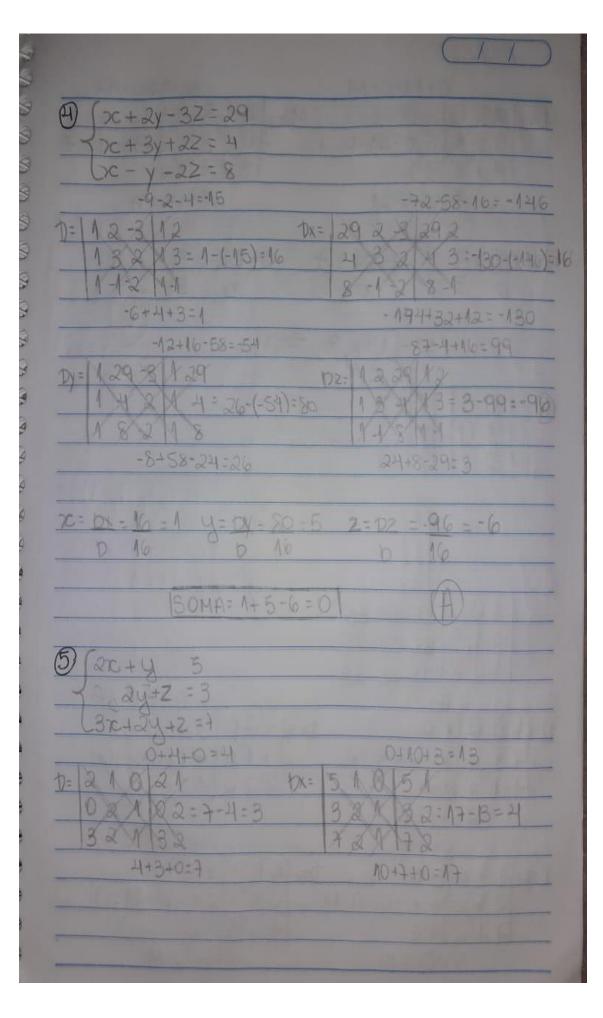
## **CTII348**

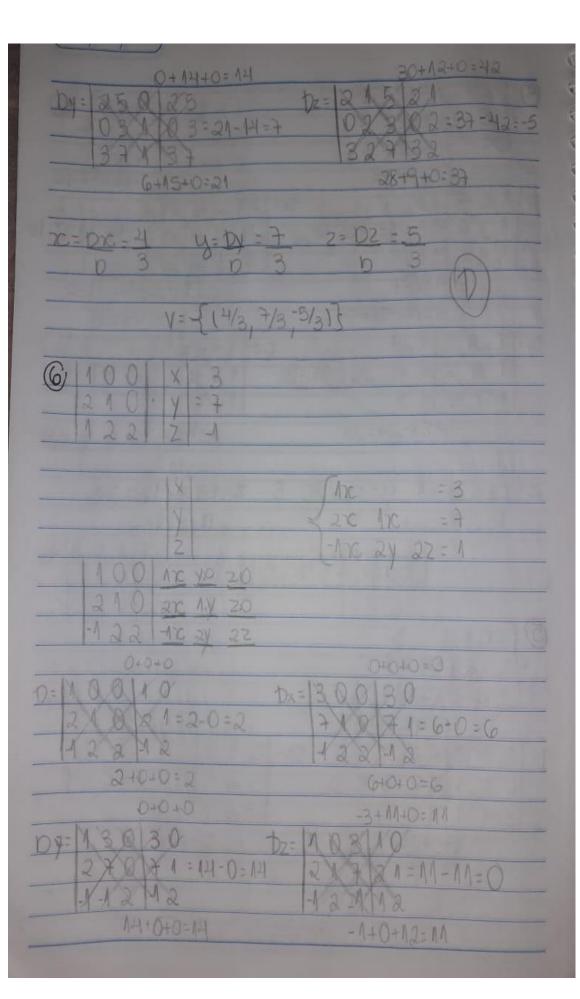
Sistemas Lineares - Regra de Cramer e Escalonamento (Gass)

## Regra de Cramer

0 a-) [20-y=2 [-0+3g=-3		
D= 2-1 - 6-1=5	Dx = 2-1 - 6-8=3	
Py=  22 :6-2=4 x	2= DX - 3   y= Dy - 4   5	
V={(3/5, 4/5)}		
b) (3x-y+2=1 2x++3z=1		
(+1x+y-22=7 0+9+4=13	0+3-2=4	
1011121	DX = 1 -1 4 1 -1 -23	
0-12+2=10	0-21-1=-22	
-41+63-41=55	D2= 3 + 1 3 +	
2-13 2-1-32-55=-23	20-120=6-(-17)=23	
0+12+14 = 32	0+4+2=6	
1C=Dx 23 - 1 y=Dy 23 D -23 D -23	= 1 g= DZ = 23 = -1 D = 23	
V= {(1,1,-1)}		



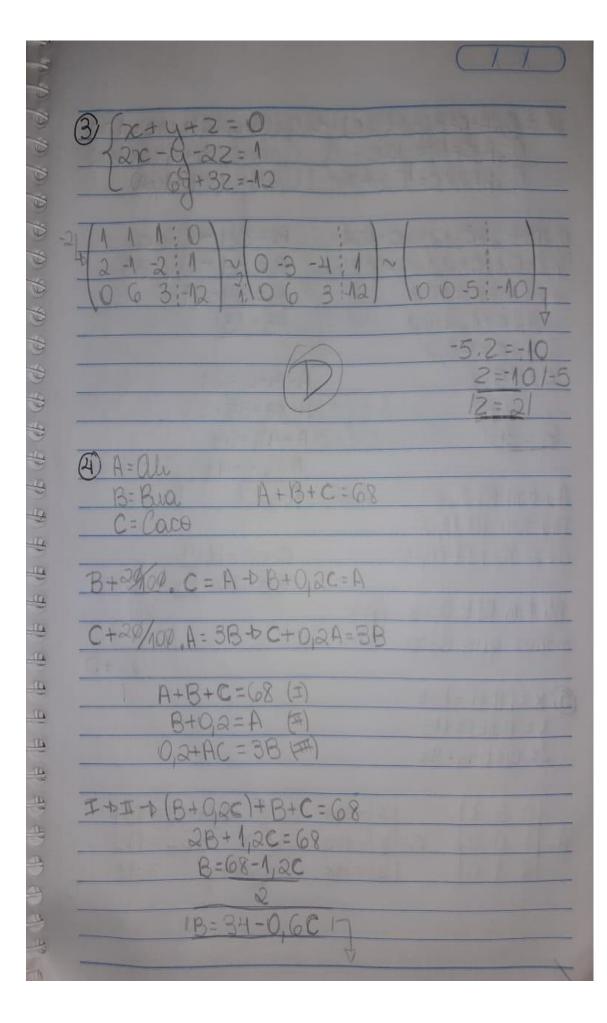




D = Dx = 6 = 3 y = Dy = 14 = 7 Z = DZ = 0 = 0

## Escalonamento (Gass)

1 (2x-y-32=-5
$-\frac{x+3y-z=11}{x-5z=3}$
_ (x -52 = 3
3/21-3:5
40 1 3 -1:11 N1 7 0 -10:4 N : 3 1 0 0 25:25 3
2x-y-3z=-5 $7x-10z=-4$ $25z=-25$ $2 = 25/25$
2.(-2)-y-3.(-1)=-5 $+x-10.(-1)=-4$ $2=-25/25$ $-4-y+3=-5$ $+x+10=-4$ $12=-1/2$
-4+3+5= y =x=-4-10
Y= 41 X=-14/4 V= {(-2, 4, -1)}
X=2
Q (x = 247 1 24 = 32
24 = 32 - 12 = 24/31
C+ y+2=11 - 1x=2y
2+4+2=11 7C=24 24:32
$24 + 4 + 21/8 = 11 (.3) \times = 2.3 = 3.3 = 32$
$\frac{69+3y+2y=33}{2=613}$
$\frac{119 = 33}{4 = 33/11}$ $\frac{2 = 6/3}{12 = 2}$
4=3
$\frac{7C + 2y + 3z = 9}{6 + 6 + 6 = 1181}$



₩ +0,2A+C=3.(34-0,6C) - 0,2A+C=102-1,8C 0,2A+2,8C=102+1	0,2B+0,2C)+2,8C=102 0,2B+0,4C+2,8C=102 0,2B+2,84=102
0,2(34-0,6C)+2,84C=102	B=34-0,6c
6,8-0,12C+2,84C=102	B= 34 - 0,6.35
6,8+2,72=102	B= 34-21
2,72 C=102-6,8	18=131
2,720=95,2	
C=95,2	A+B+C=68
272	A+13+35=68
Ic = 351	H+48=68
	A=68-48 (A)
ALI tem R120,00	/A= 20/
Bia tem R\$ 13,00	12000
Caco tom R\$ 35,00	Caco-Aun?
	85-20-15
Alitem RB15,00 a (1)	
menos que Caco	Day Fall of the Ho
5 x = ALPON = 134 y = Bento = 115 Z = CINThia = 48	19 9=6819 19 9=6819
A= 1 0 5 C= Y -115  2 1 0   Z - 48	$     \begin{cases}       34 + 42 = 134 \\       x + 52 = 115 \\       2x + y = 48     \end{cases} $

