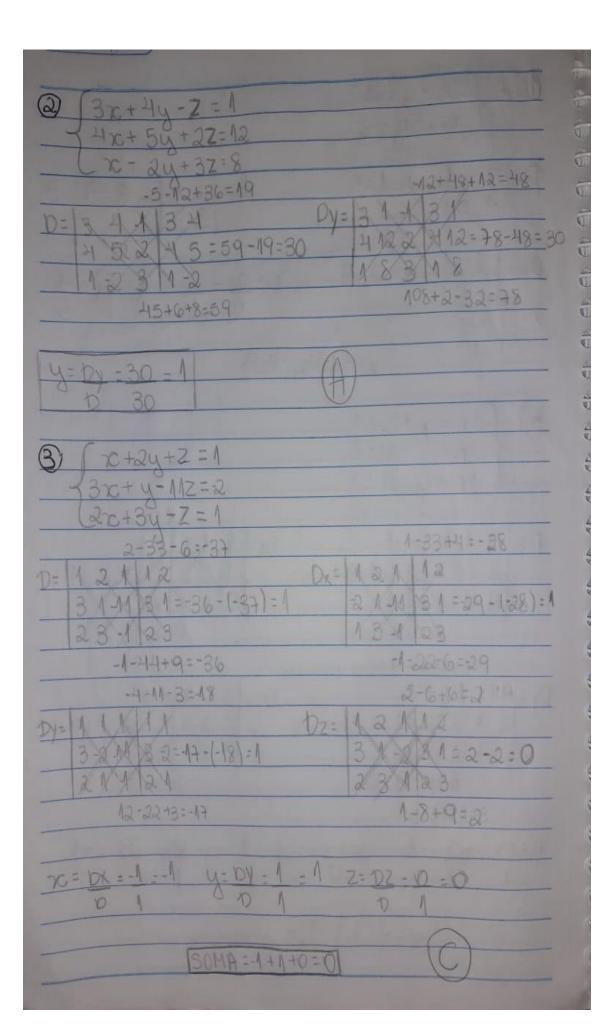
## **Evelyn Santos de Santana**

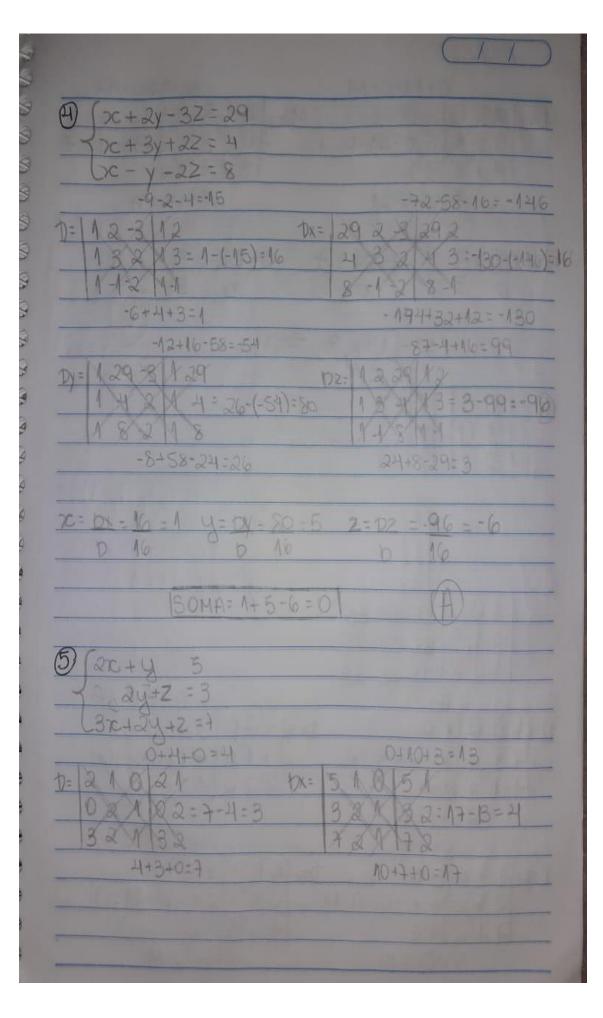
## **CTII348**

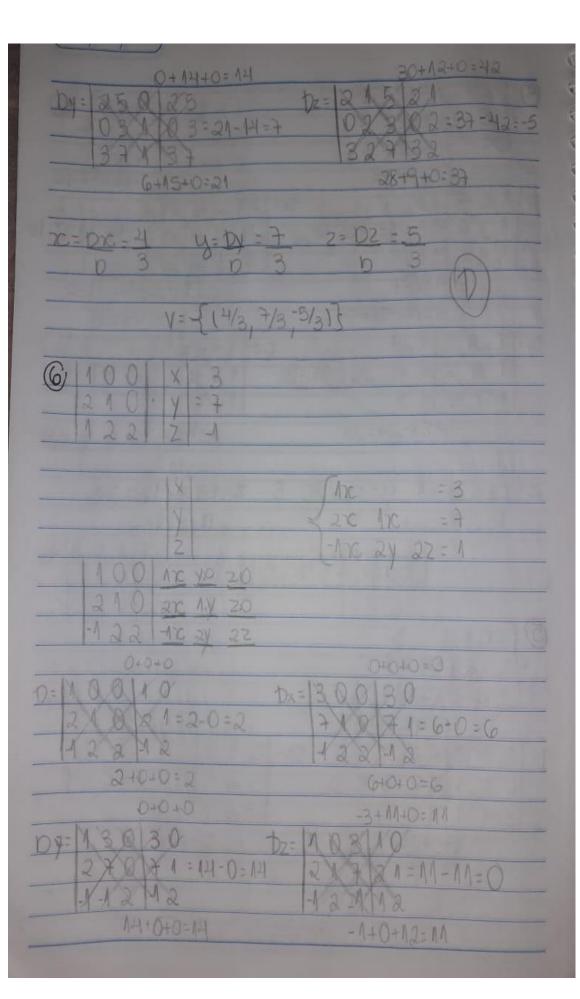
Sistemas Lineares - Regra de Cramer e Escalonamento (Gauss)

## Regra de Cramer

$0a - \sqrt{2c - y} = 2$ -c + 3g = -3
D= 2-1 - 6-1=5 Dx= 2-1 - 6-8=3
Dy= 22 = 6-2=4
V={(3/5, 2/5)}
$\frac{b}{3x-y+2=1}$
$\frac{(4)x+y-2z=7}{0+9+4=13}$ $0+3-2=4$
D= 3-1 1 3-1 Dx= 1-1 1 1 1 1 2 2 2-1 = -23
0-12+2=10 0-21-1=-22
DV=13-14 31 D2=3-14 34
2-13 2-55=-23 20-120=6-(-17)=23 47247
6+12+14=32 0+4+2=6
x = bx - 23 - 1 $y = by - 23 - 1$ $y = bz - 23 = -1$ $y = by - 23$ $y = bz - 23$
V= {(1,1,-1)}



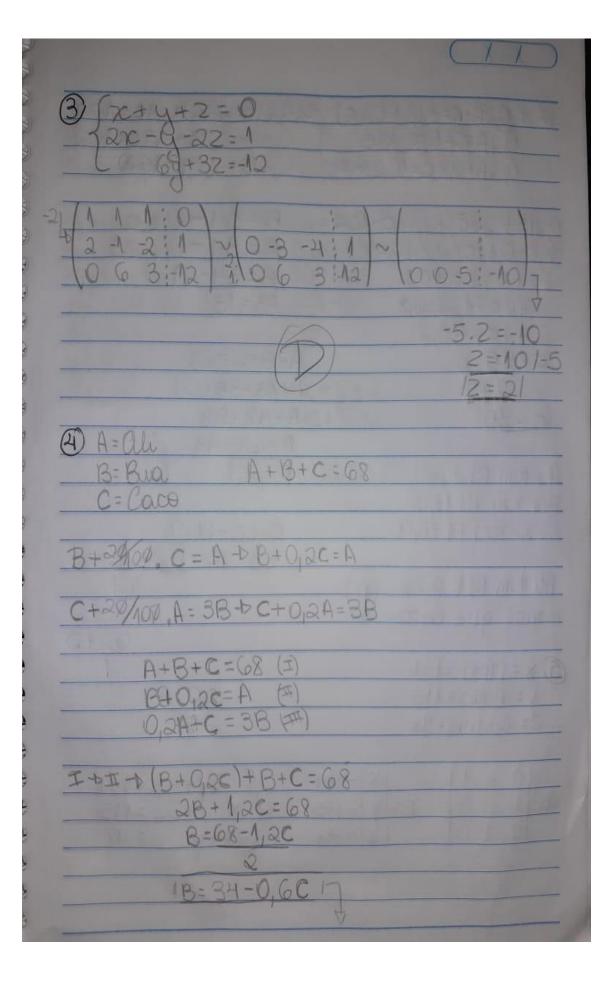




D = Dx = 6 = 3 y = Dy = 14 = 7 Z = DZ = 0 = 0

## Escalonamento (Gass)

1 (2x-y-32=-5
-x+3y-z=11 -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
3 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
$\frac{7C + 2y + 3z = 9}{6 + 6 + 6 = 1181}$



1 +0,2A+C=3.(34-0,6C) 00,2(B+0,2C)+2,8C=102 0,2A+C=102-1,8C 0,2B+0,4C+2,8C=102 0,2B+2,8C=1024 0,2B+2,84C-102
$Q_{1}2(34-0,6c)+2_{1}84c=102$ $B=34-0,6c$ $G_{1}8-0,12c+2_{1}84c=102$ $B=34-0,6.35$ $G_{1}8+2_{1}+2c=102$ $B=34-21$ $B=34-21$ $B=34-21$ $B=34-21$ $B=34-21$
C = 95.2 $A + B + C = 68$ $A + 13 + 35 = 68$ $A + 48 = 68$
Bia tem R\$ 13,00  Gaco tem R\$ 35,00  Caco - ALI ?  ALI tem R\$ 15,00 a (A)
menos que Caco  S x = Alpeu = 134  y = Bento = 115  Z = Cínthia = 48
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$

