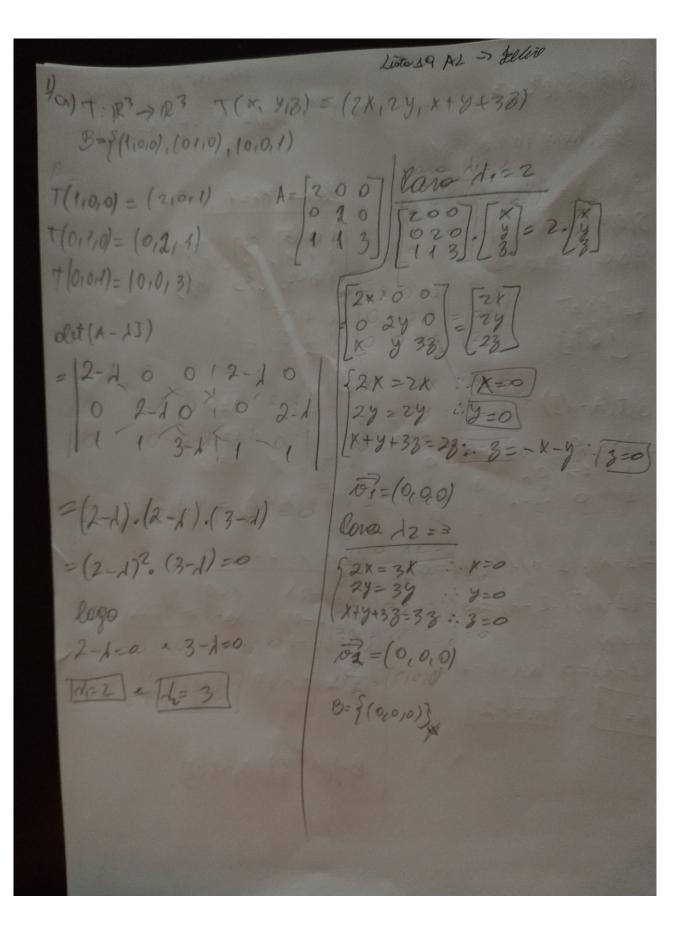
UNIVERSIDADE FEDERAL DE RORAIMA DISCIPLINA DE ÁLGEBRA LINEAR PROF.: JAIRO

ALUNO: FELIPE DERKIAN DE SOUSA FREITAS

LISTA 19



(1) 5: 123-123 definiolo por 5(x1913)=(x1x+y,x-23)

8=1(1,0,0), (0,1,0), (0,0,1)

S(1,0,0)=(1,1,1) 5/0,1,0) = (0,1,0) 5(0,0,11=(0,0,-2)

A= [100]

(LL-A)th

=(1-1).(1-1).(-2-1)=0

= (1-d)2, (-2-d)=0

logo:

(1-d)=0 e(-2-1)=0

M=1 2 1/2=-2

lava de=1

{x = x : [x=x] x+y=y : [x=0]

X-23=3: X=33

で=(x10,3)=X(11013)

lavo 12 = -2

x+y=-2y : x=-y=>[y=-x]

(x-23=-23: x=0

NZ=(0,-1,0)=x(0,-1,0)

8= {(1.0, 1/3), (0, -1,0)}

Lita 19 AL > gelis

(1 T: P2(R) > P2(R) obfinide por T(1)=5!

D={+2,+,1}

T(T2)=2T => 2++++++++

T(T)=1 => 072+17+0.1

+11)=0 => 072+ 0++0.1

A= 2-00 110 000

det (A-JI)

= 2-1 0 0 = 1 1-1 0 =0* (b) et diagonalizare pris es autoritores encontracións essendo o polinàmio conactenetero fromo enno lase e diagonal.