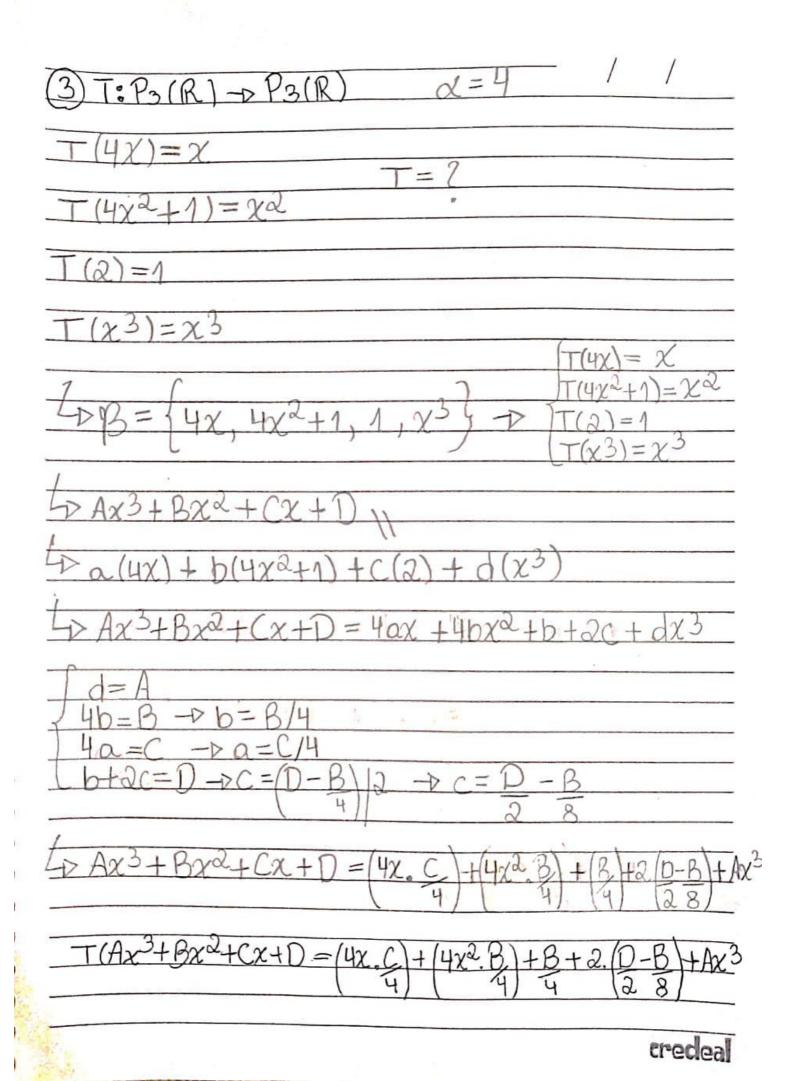
Renan Carlos Doewenstein
Recuperação 1
1) Motricula: 20111 0005
5=10 α=4 T:R4 +R4
N(T) = [(4,5,4,6)]
13={(4,5,4,6);(1,0,0,0);(0,1,0,0);(0,0,1,0)}cR4
B'={(1,0,0,0);(0,1,0,0);(0,0,1,0);(0,0,0,1)3CR4
$ \begin{array}{l} (T(4,5,4,6) = (0,0,0,0) \\ T(1,0,0,0) = (1,0,0,0) \\ T(0,1,0,0) = (0,1,0,0) \end{array} $
(x, y, z, t) = a(4,5,4,6) + b(4,0,0,0) + c(0,1,0,0) + d(0,0,1,0)
(x,y,z,t) = (4a+b,5a+c,4a+d,6a)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\frac{1}{4}$ $(x, y, z, t) = (t)(454.6) + (x-2t)(1.00.0) + (y-5t)(0.1.0.0)$
$\frac{1}{6}$
$\frac{2}{2}D + (z - at)(0,0,1,0)$ credeal

megani saray easo credeal

$Q \propto = 4$	/ /
$(\alpha, \alpha, 2\alpha+1) = (4, 4, 9)$ $(2\alpha+1, \alpha, \alpha) = (9, 4, 4)$	
Lob (1,0,0,0), (0,1,0,0), (0,0,1,0), (0,0,0,1))
$ \begin{cases} T(1,0,0,0) = (4,4,9) \\ T(0,1,0,0) = (9,4,4) \end{cases} $ $ T(0,0,1,0) = (0,0,0) $ $ T(0,0,1,0) = (0,0,0) $	
T(x, y, z, t) = x.T(1,0,0,0) + yT(0,1,0,0) + Z(0) 2x = (4,4,9) + y(9,4,4) + z(0,0,0) + f(0,0,0)	2,0,1,0)+ + T(<u>0,0</u> ,1)
$L_{V}T(x,y,z,t)=(4x+9y),(4x+4y),(9x+4)$	/)
»	

Agor	a, achar uma bose pora o múleo
4 {($(x, y, z, t) \in \mathbb{R}^{4}; T(x, y, z, t) = (0, 0, 0)$
10 { (X	(x,y,0)=(0,0,0)
D{(x	, x, z, t) ER4; x=0, y=09
-D { (($(0,Z,t); z,t \in \mathbb{R}^3$
	0,0,1,0)z+(0,00,1)t; z+ER9
1000	2e -> B'={(0,0,1,0);(0,0,0,1)}
	\mathcal{L}
b .	
	The state of the s
redeal	



7	T: $\mathbb{R}^3 \to \mathbb{R}^3$ $\chi = 4$ $\Gamma(\chi, Y, Z) = (\chi, \chi + 4Y + Z, Z)$
	T-1=2
1	p(x,y,z)
7	$\int T(1,0,0) = (1,1,1)$ $DSeja \{T(0,1,0) = (1,1,0) - D \text{ tale (in)}$ $T(0,0,1) = (1,-1,0) \text{oliatérien}$
1	$-b(x,y,z) = \{(1,00), (1,0,0) + 4(0,1,0) + (0,0,1), (0,0,1)\}$
Ź	$\frac{7}{7} = \frac{7}{7} = \frac{7}{7} = \frac{7}{7} = \frac{1}{1} = \frac{1}$
-	$\frac{1}{10000000000000000000000000000000000$
	-2-1-1 (χ, Y, Z)
	crede