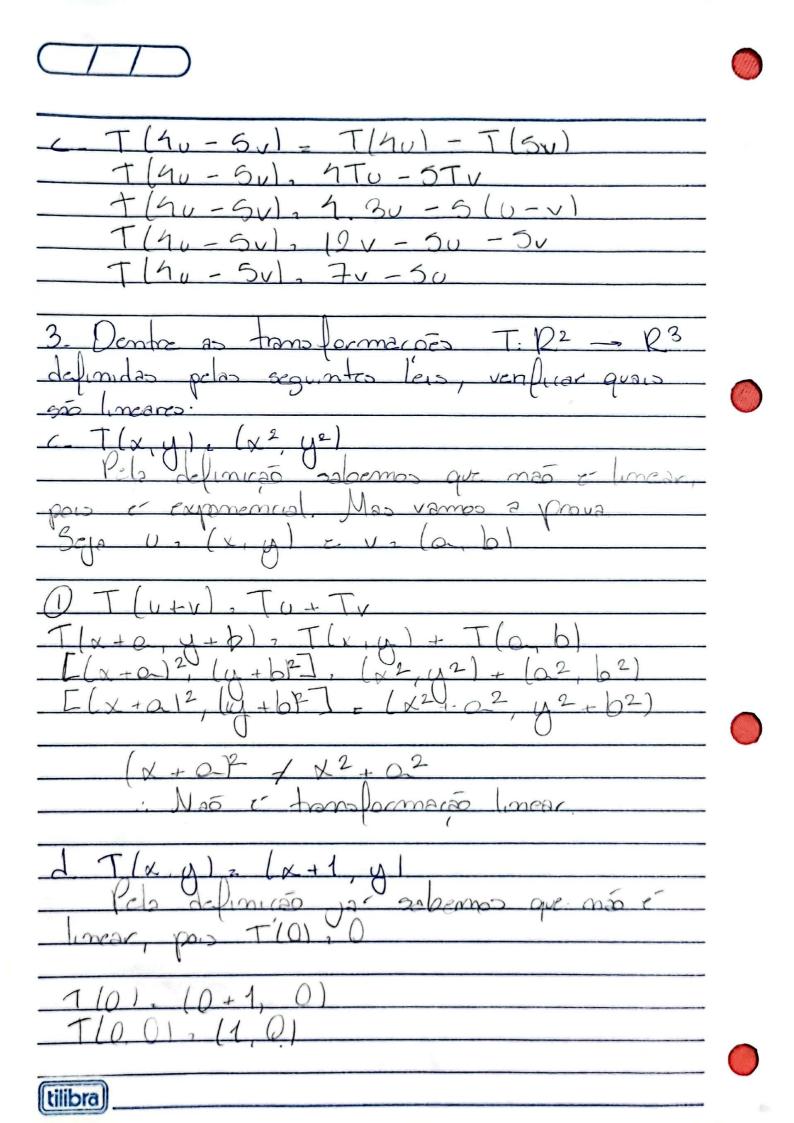
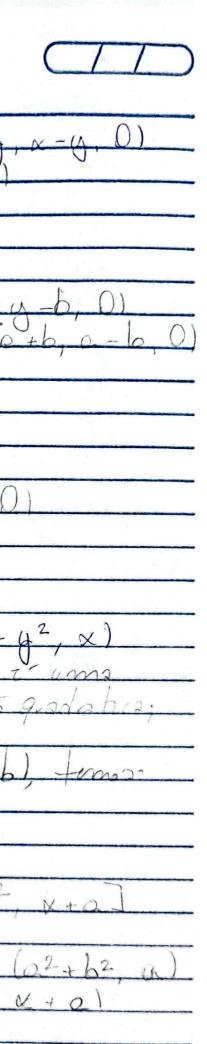


4 & Proplems Propostos pro 211
1. Considerante a tama formação Imear T R ² - R ² definida por T(x,y), (3x-9y, x + 4y). Ultilgar o vetores 02 (1) c v, (3-1) por monetar que T(3v + 4v) 3 T(v) + 4 T(v)
T(3u+4v), $T(3(10)+4(3,-1))T(3u+4v)$, $T((36)+(12,-4))T(3u+4v)$, $T(15,2)T(3u+4v)$, $(3.15-2.9, 15+4.2)T(3u+4v)$, $(41,23)$ (I)
3T(u) + 4T(u), 3(3.1-2.2, 1+4.9) + 4(9.3-9-1, 3.4) 3T(u) + 4T(u), 3(3-1, 1+2) + 4(9+2, 3-4) 3T(u) + 4T(u), 3(-1, 9) + 4(11, -1) 3T(u) + 4T(u), (-3 + 44, 27 + 4) 3T(u) + 4T(u), (41, 93) [1]
2 Pals a temsformação linear T. V - W, tal que T(u) 2 3 u c T(u) 2 u - V, calcular em função de v e v. a. T(u+v) 2 T(u) + T(v) T(u+v) 3 u + u - V T(u+v) 4 u - V



00 tilibra X

AJ(0)



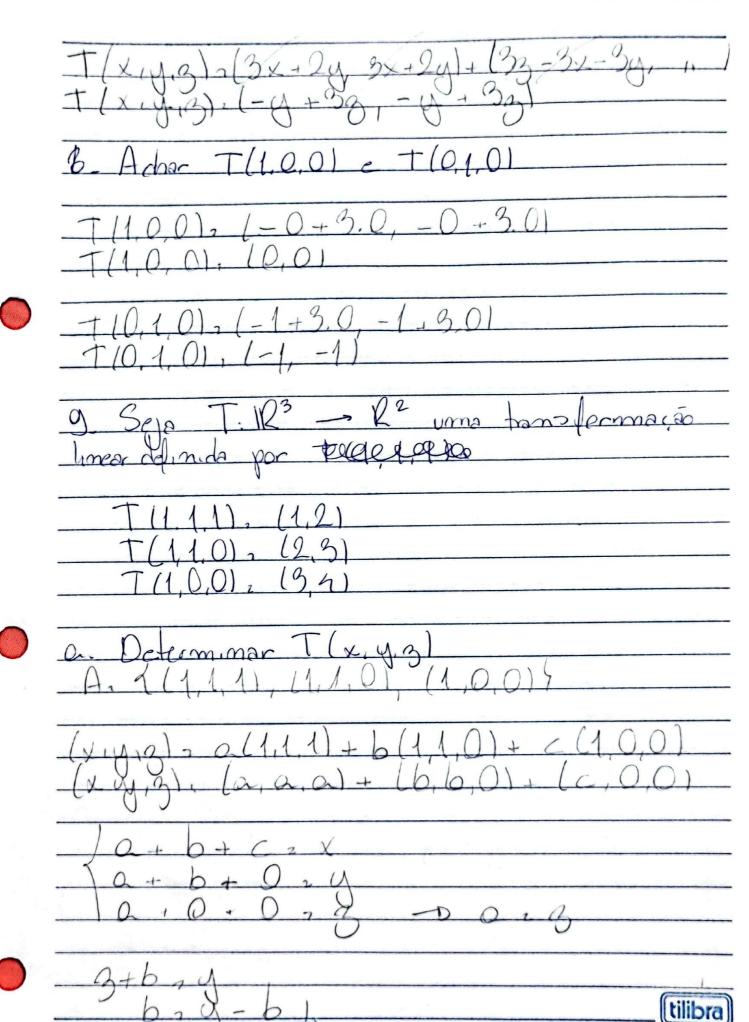
12+42+02 1: 1x 1 a 12 + (4+b 12 1-42+02+

e aphració TIR2 - 1R3, Lik, yl. Ventuar e b-Kz tilibra

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-O X , 3 3 tilibra





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