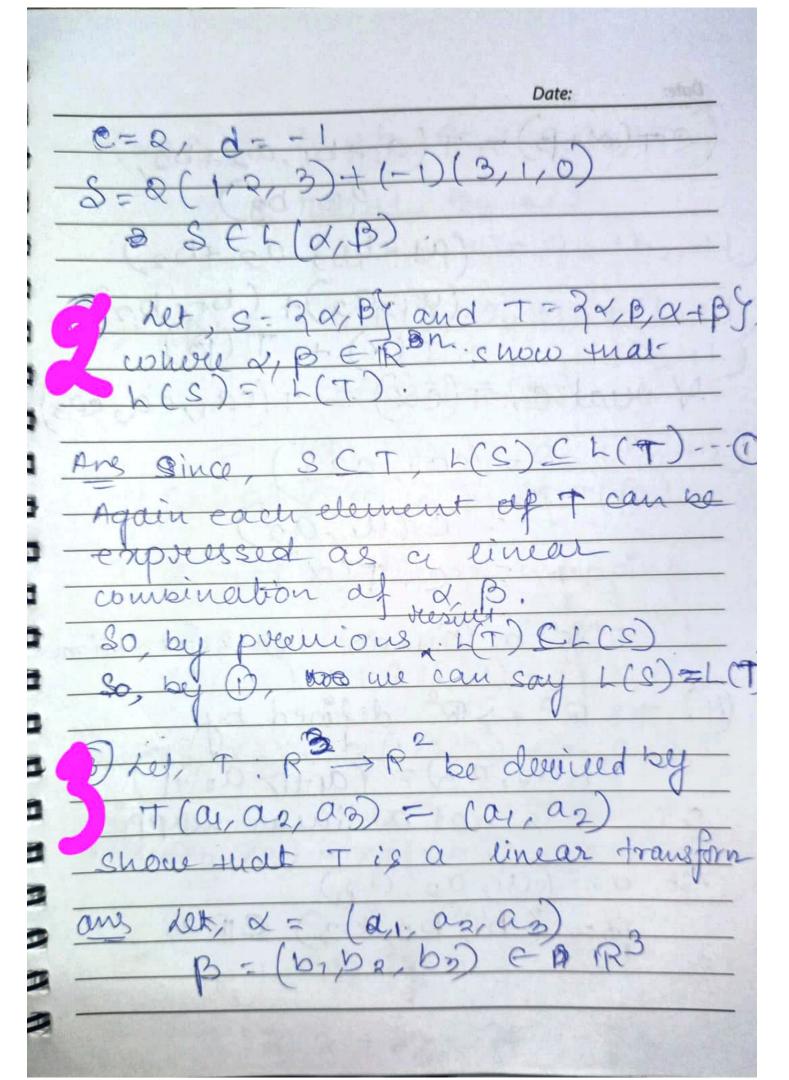
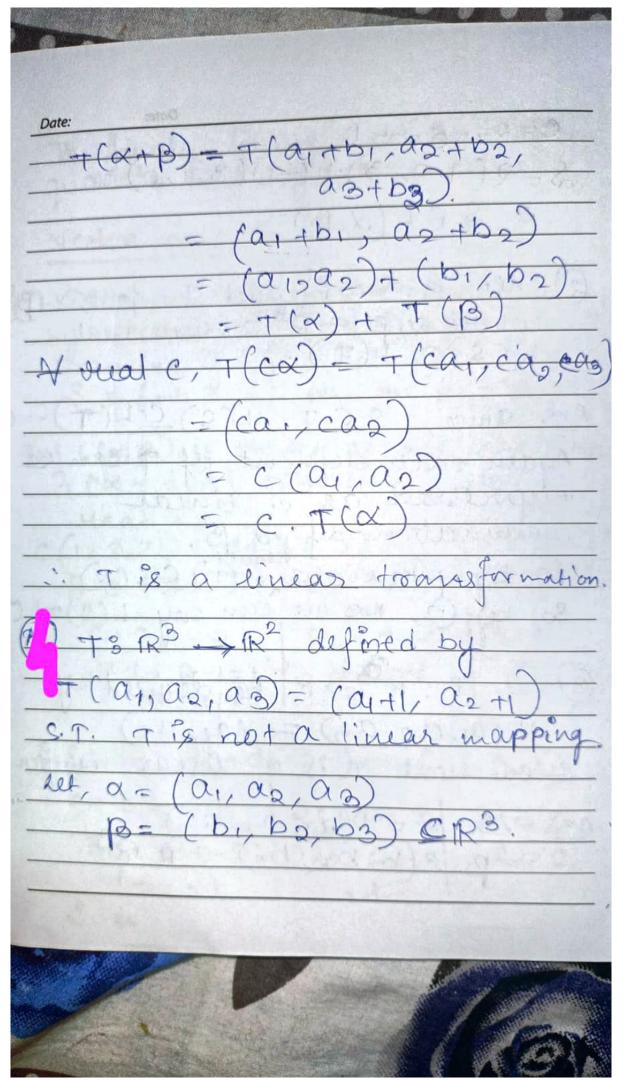
Nedan Carro
Vector space &
Determine the suipport R3 spanned by nectores $\alpha = (1,2,3) > \beta = (3,1,0)$ Examine if $\gamma = (2,1,3)$ .
1 180to 48 X = 11,0,3) 5 B= (3,1,0)
1 (2,1,3).
S=(-1,3,6) are the subspace.
ans h(x, B) is the set of the nectors
3 cx + dB3 i where cdare
4001 100.
c(1.03)+d(3/10)
(2,1,3),
(+3d=2 2(+d=4) 30=3 3d=2-1=1 dosind 0=1 d=113 2x.
30=2-1=1 do=ond (==1
do 1/3 1 2x.
(c+3d, 2(+d, 3e) = (-1,3,6)
1.21
21 2(4000) 3006
3d=-1-2 2x2+1-1)=3 C=2
- C= -   V
S is





Date: b1, as+b2, as+b3 a+13 (a2+1)+ T(x) + b1+2, an a linear mapping (0,1 (0,0,1) TING 20

4

