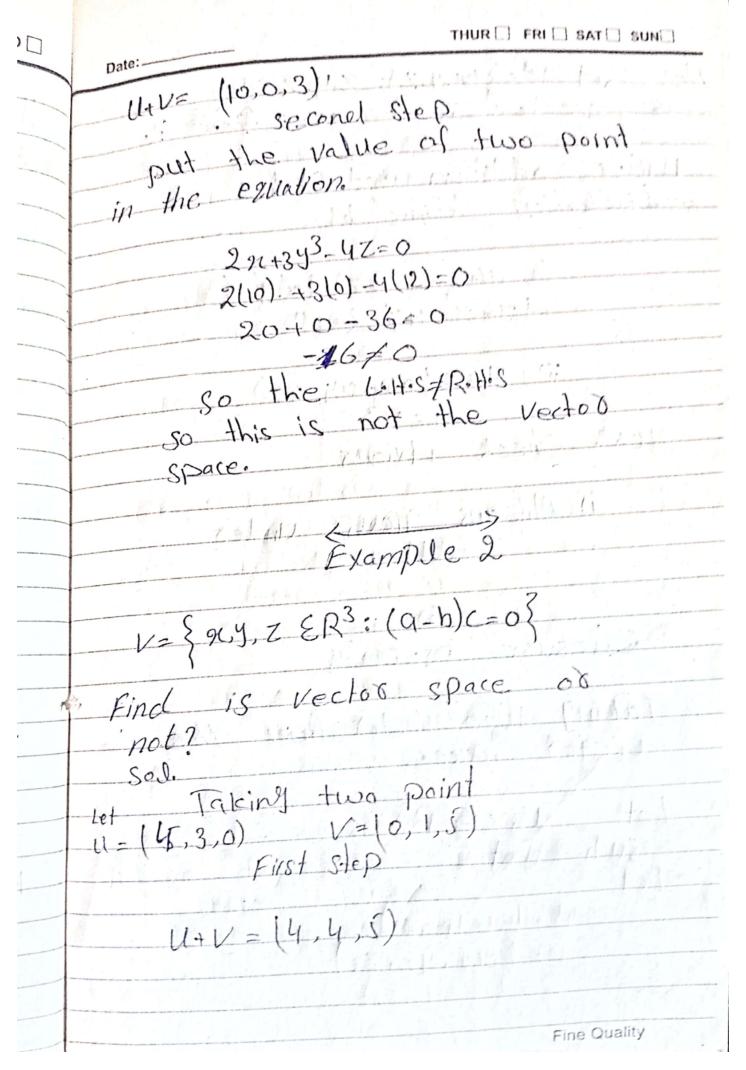
Date: MON TUES WED	
1/17)	Date:
K[u+v] = Ku+Kv	U+
1) (Calab	1
Viii) well as	in
(K+m)U = KU+mx	the section of the section of
1 Vector	and the state of t
ix)	and the same of th
and the second s	
K(mu) = (km)u	
X)	
1:11 = U · 1 = U	
Example	
V=\ \ \n. \gamma, \z \in R^3: \q \n \cdot \ \ \gamma^2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
V={30, J, Z E R: 25(+3)-92=0}	
15 vector space or not?	F
Luke I stale as year of a serving	-
solo	
Taking two point in the	Let
vector space	U:
Lec	
u=(2,0,1) V=(8,0,2)	
Add the two point	
and the two point	
Fine Quality	No.



THE THE	
(iv) Identity property	Date:
06(0,0,0)	U+1
So the OGR3	Siv
YueB3	144
so the	
The second secon	-
the Identity Drozavia	
holde	-
The state of the s	
Inverse Droperty	1
property	
10-11	: U+
$11 \in \mathbb{R}^3$ 7 $11 \in \mathbb{R}^3$	118
The reverse of and	4:
the Vector conse	
U+ 1-111 22 2	
0=U+U=0	1. U+(V
\(\frac{1}{2}\)	So So
DIODELL.	
LE UNIVICOS	
	- K
V-19/2 U	
7 (12, 72)	
E = (913; J3, Z3)	
Fine Quality	
	(iv) Identity property OG (0,0,0) So the OGR3 YUER3 So the Otu=u+o=iu So the Identity property holds. Inverse property Let UGR3 J-UGR3 The reverse present M the Vector space (Ut(-U)=0+ HU)+U=0 U-U=0 -U+U=0 Associated property Let U, MUGR3 the Let U, MUGR3 The Let U, MUGR3 The Let U, MUGR3 Let U, MUGR3 The Let (21, 11, 21, 21) V= (12, 12, 22) Z= (123, 133, 23)

Date: MON [TUES WED	
so the uxiom	16	Date:
holds.		
vii)	N. H.	Taki
Take Two vector in t	no Worl-	Vec
space and take 1 Scalar	vector)	
HUNER 3 KCB		
Character Character Contraction	111	- White
K(U+V) = KU+KV		
	We train	- 1. 18 18 18 18 18 18 18 18 18 18 18 18 18
Let		
U=(n, y, z)	1 2 1 4 1	
V= (N2, 42, Z2)		
- (1 8 1 ; 1 section)	7.1	
= K(26,1+9/2, 4,+4,2+2,1+2,2)		2
= K((21, 4, Z))+(22, 42	(Z_2)	
	E Property	1
we know that		•
91, 4, 21= 4.		(c+m)
912, 42°, 72=V	All the saids at a	
= K (W) +(W)		
K(U) + KIV)		Takin
	4.1	13
Derice Dove Hat	1114	73.34
15 (N+V) = K11+K11	1178/2017	le le
The Axiom VII) Hold	S	
- 1 1 1 3 4 1 1 d 4 7 1 1 2 [2]	184	
	Fine Quality	dilWhensianumanasianumumanasia

TUES WED	THUR THI SAT SUN
6	Jakiry Two Scalas Amel one
e Vector	Kimer I UEVector Space
	(k+m)u = ku+mu prove Let u = (21, 4, 7, 7)
	$= \frac{(k+m)(n,y,z)}{(kx,kz,kz+mx+my+mz)}$
1 1 4 1 2	Taking "k" Common and
	$= \mathcal{L}(\mathcal{H}, \mathcal{Y}, \mathcal{Z}) + \mathcal{M}(\mathcal{H}, \mathcal{Y}, \mathcal{Z})$
2))	we know that (1=(2,4,7)
	(c+m) u = reversel Hence prove that.
	Taking Two Vecter and one
111	let
	U= 24, 42, 22 Fine Quality