(emm)	3.14	let ') be	a ve	ctov :	space	with	basi	s v	ا,ا	, with	respe	ct to	whi	ich a	linear	mar) d	V÷V	has o	ru nbb	er-tria	ngular	matrix
		Then,																						
def 3	<u>.15</u> 0	diag	onal	matr	ין או	6 A 5	quare	mati	rix v	where	ever	y enti	y off	the	iam s	n q/o	dona,	l is	0					
hef 3	.16 Let	d:1	1911	pe a	lineo	ır ma	p & 10	. 1 λ Ι	De Qv	n eige	nvalue	of o	s. 11	ne	eiaen	SDACe	of	مر در	ovreso	ondina	to	λ is de	efined	as
						α- 7																		
		1.1													•									
<u>emm</u>	a 3.17	it o	X:V-3				i m Ezg(eigen	valu	es.	۰ ۱٫۰	ym	tΝe	LVn	the	Sum	of (ei gens	space	
		15	a								m ^(CA)													
. γ0.	3.18	if y	ļ, " ,														cn							
				ON.	ımı	. ^د ک _ا	(d))	T	-	CI IM	(E2W	, (a)	, ,	_ () mvi	V)								
def	3.19	a	linec	11 W	nap	d:	VəV	is	dia	gona	liza	ple i	f, v	uith	resp	ect	to :	20W	e b	asis	of A	, the		
		M	atvix	of	α	i 5	diag	jona	1															
:hm	3.20	lif	V is	a fi	nite	- din	mensi	onal	l ve	ctor	spac	e av	nd o	χ: V	ЭV	is a	liv	\eav	ma	p, w	ith e	igenv	alue	S
											are											J		
		(a)	αi	is d	ia	gona	alizo	ble																
		(b	۷ ۷	Nas	a b	asis	of	eige	nve	ctor	s of	a												
		(c)	tne	ર ૧૯	υXi	5†	one-	dim	16 NZ	iona	l su	bspa	es	U	,,	, u,	٠ ٥	۴ ر	l, e	ach (of u	hich	is in	vaviant
			W	nde	٧ ٥	(51	ıch	tho	at		Λ=	W,	⊕ .	0	Ð U _v	1								
		(d)	V	is 1	λ	direc	12 1.	w	٧	= E	2,10	()	€	DE	λm	(a)								
		(e)	di	w(I	1) =	: di	w(E	م (ه	ر (ب	+	. + d	w(E	- λ	(a)))									