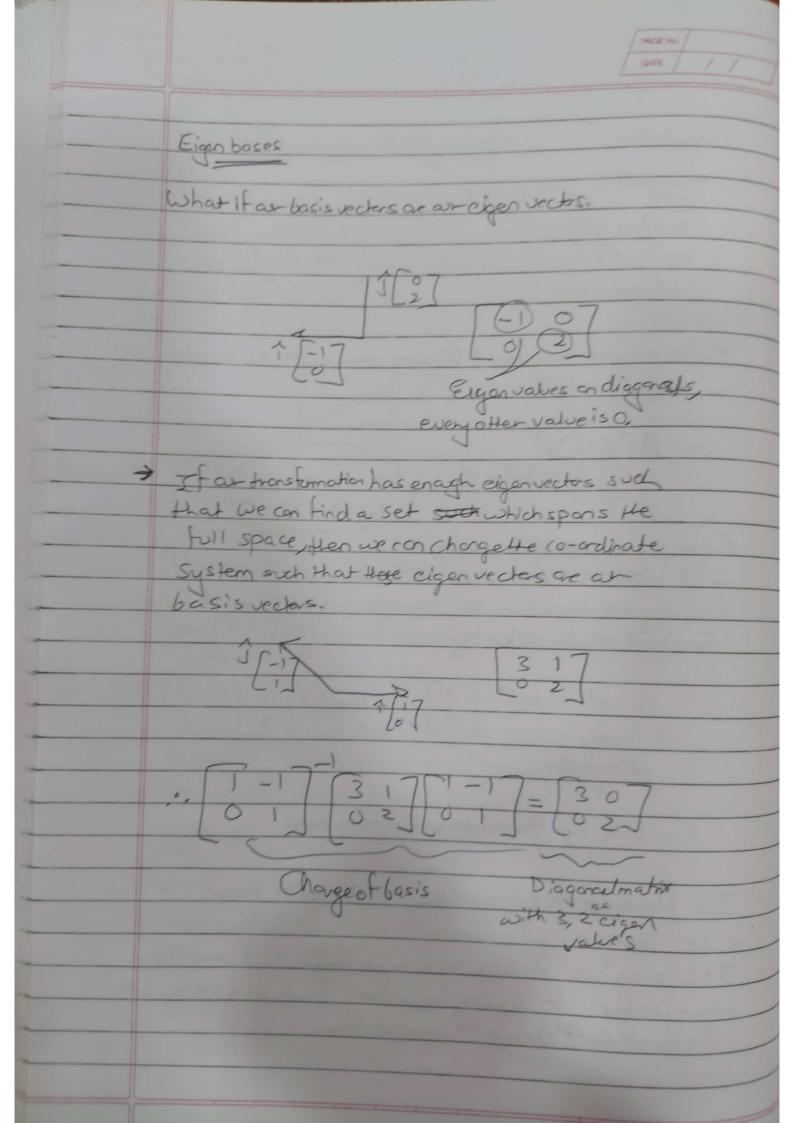


	PAGE No.
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-	Computation
	Transformation Eigenvalue Matrix AV = AV For A and
1	mami & Solve
	$A\overrightarrow{V} = A\overrightarrow{V}$ $\begin{cases} \text{for } A \text{ and} \end{cases}$
1	Eigonvecter
	Matrix tecter Multiplication AV gives some result as scalar
	multiplication AV?
	The tripine constitution of the same of th
	a ATEAIN
	a AT = (AI) \(\text{N} = 0 \) \(\text{We need} \)
	$\left(\det\left(A-AI\right)=9\right)$
	Goal is to read find such value
	of A which makes A-AII =0
	Meoning He transformation squishes into a lawer dimension
	Then find eigen vector by:
	M V = 0 = 0 where V = 9
	Matrix La
	$\frac{y}{y} = \vec{o} = 0$ $\frac{y}{y} = \vec{o} = \vec{a}$ $\frac{y}{y} = \vec{o} = \vec{a}$ $\frac{y}{y} = \vec{a}$
	Complete by Ravedelen on Cramers rule.
	Campric og 1 station et
	The language proping years a value of a come set
0	If Here are no eigen vectors, value of 1 comes ext
	It's possible to have one eigen water and multiple eigen vectors if scaling/squishing factor is some but vector decempentations.
	the possible is scaling/squishing factoris some but
	Verter do en change the gientations.



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	A sotof rectas (basis vectors) which are also elean
	A set of vectors (basis vectors) which are also eigen vature vectors are called eigen basis.
	(-0
0	If we want to compute [3] , we should change
	to an eigen basis, compute looth paver; in that system, then convert back to air system.
	Hen convert back to air system
	A shear transformation, which don't have enough
	eigen vectors to spon the whole space won't be able
	to do this.y

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