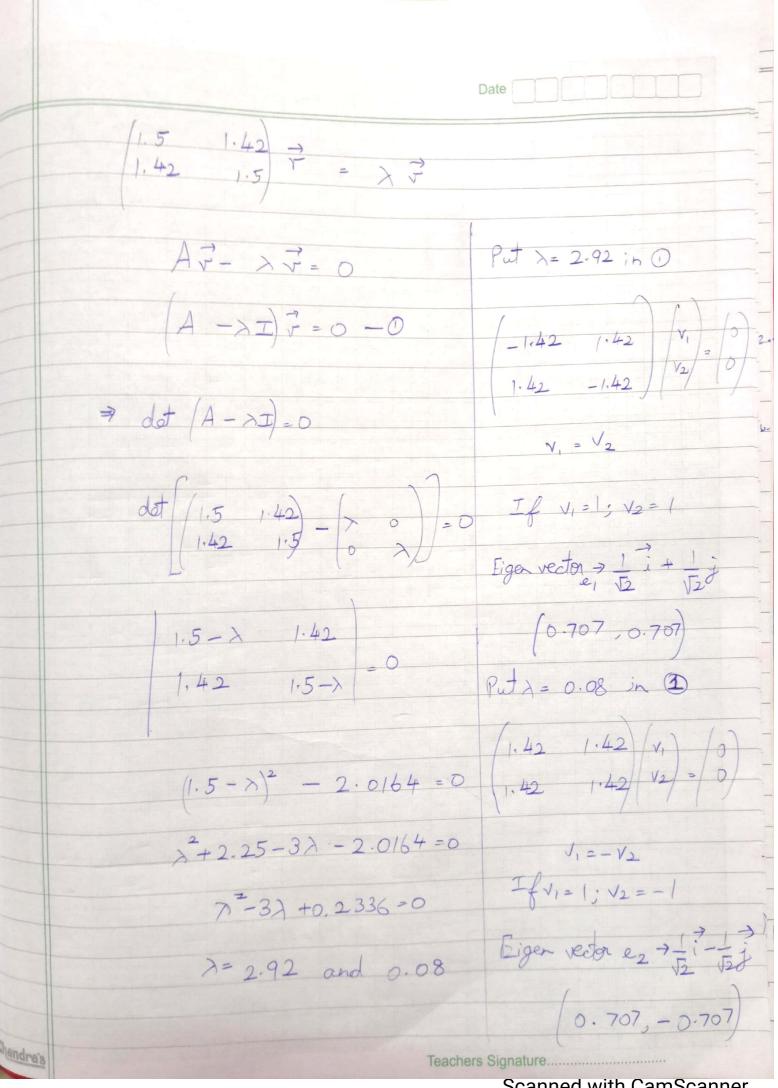
grave.	PCA Date:
	Steps involved
	I) Find The covariance matrix of the standardized data.
	2) Find the eigen values and eigen vectors for the covariance natrice.
	Eigen rectors are those vectors which remain on its own span; only getting affected it its magnitude - Figen vector with highest & glamounts for man variance;  - These eigen vectors are called Principal Components - Figure vectors are bound when brea; 2D share
	- These eigen vectors are called Principal Components - Eigen vectors are found when foreg; 2D space gets squished onto a line or dot (ID).  At that ipstance,  A-XI =0.  3) Now that we have got the PCs, we have to
	3) Now that we have got the PCs, we have to project the original transformed data onto our PCs.
	- This is achieved by dot product of X with Eigen basis.
	4) Our data set which initially had dimensions will have only in dimensions.
	Select dimensions PCs which together account for alleast 90% of the variation.
	Teacher's Signature :

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