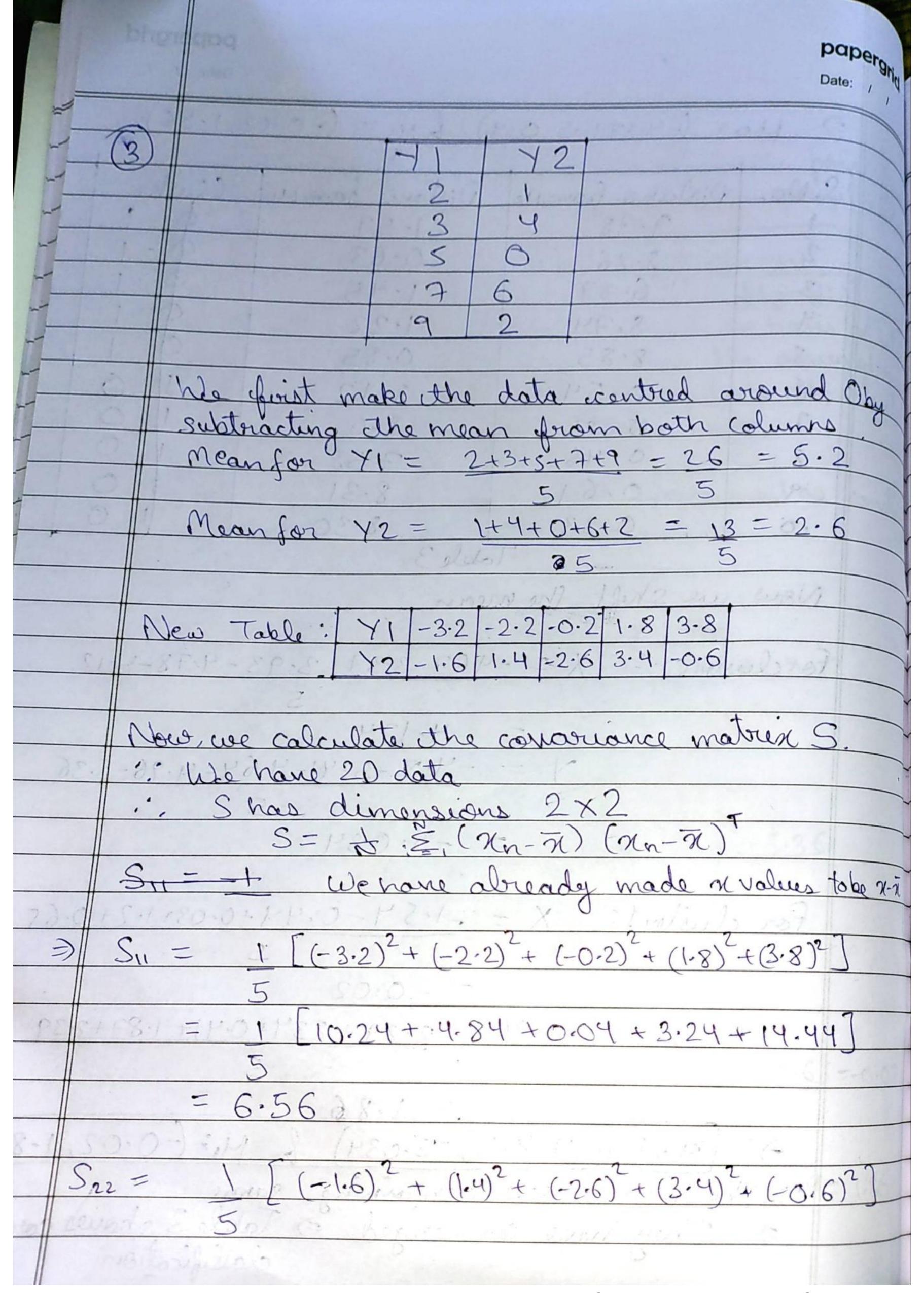
Assignment 4(CLL788)

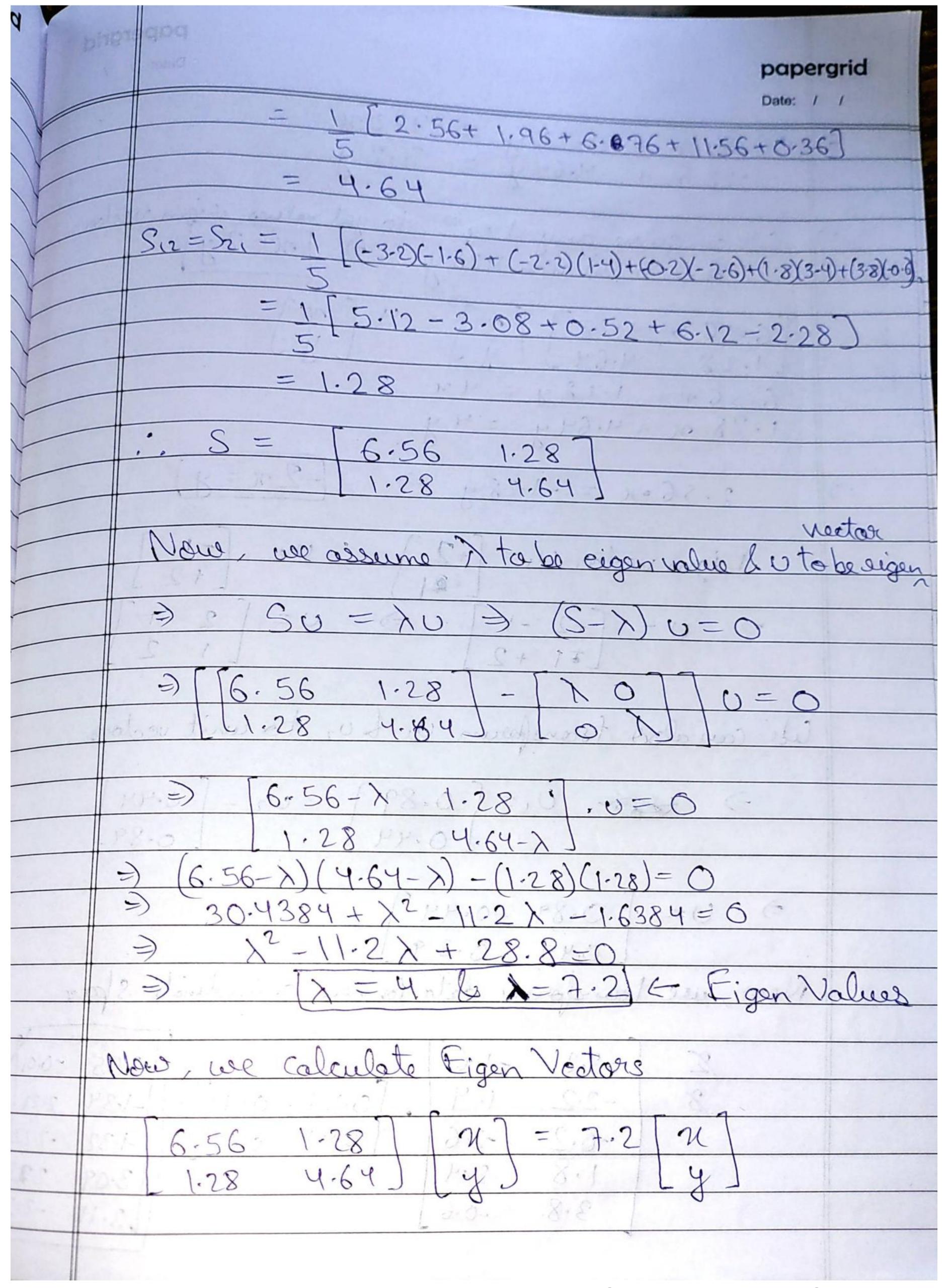
The code for this assignment is uploaded as python notebook file CLL788_Assignment4.ipynb.

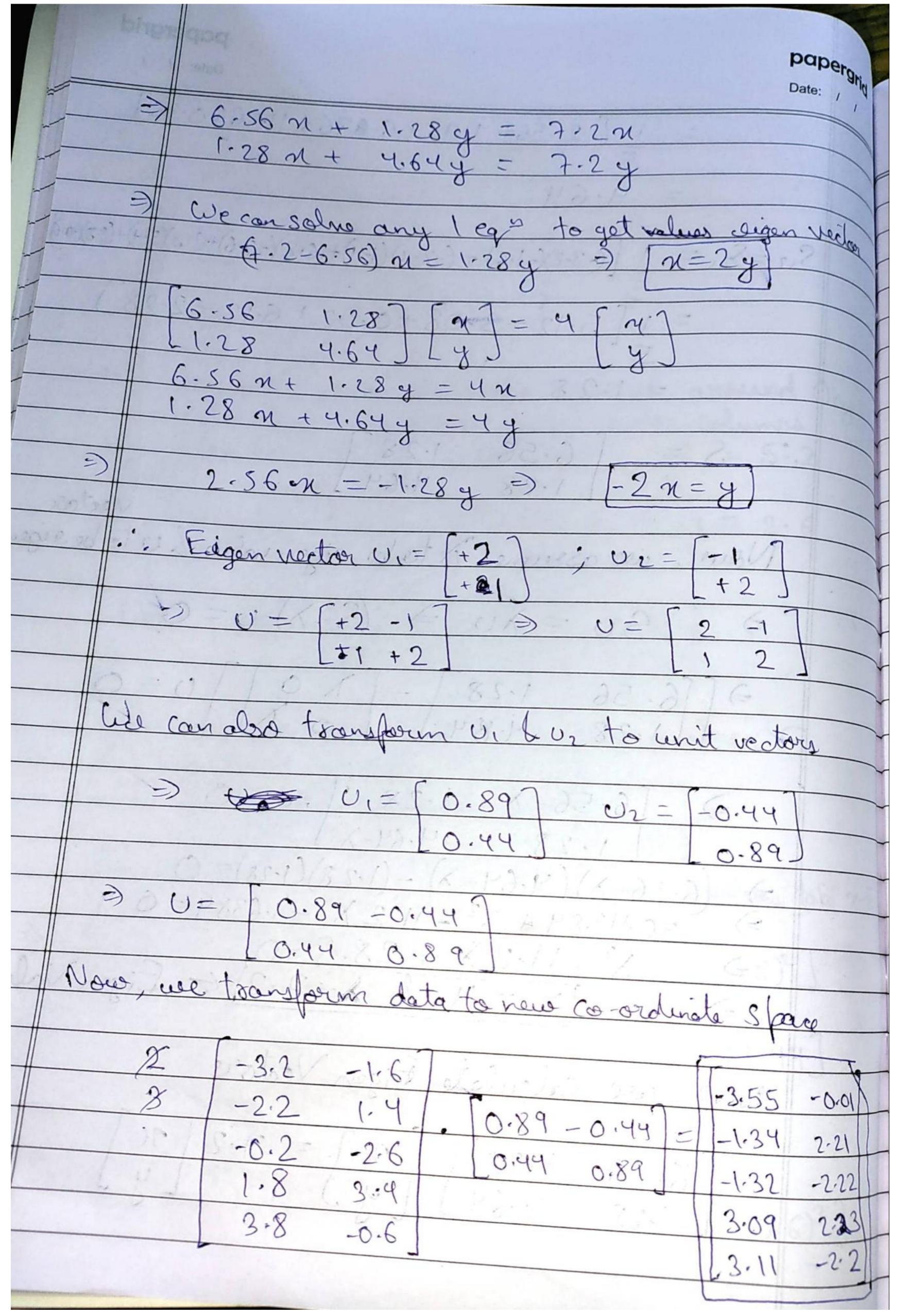
2 (e). On comparing the kind of results which we get, we see that both K-Means and GMM give us quite accurate results. However, GMM is a better method as it can capture variance better. GMM can make elliptical decision boundaries whereas K-Means cannot do that. But in terms of computational speed, K-means is faster method because it requires less calculations as compared to GMM.

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3.45	papergrid Date: / /
	Also if we want to reduce the duniansian of dataset than we can take the first column of dataset which will then become 10 representation of 2-0 dataset given to us:
	1: -3.55, -1.34, -1.32, 3.09, 3.11)