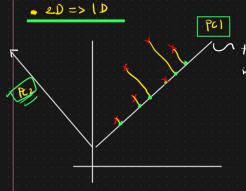
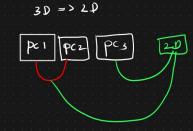


* we evente pcz adcent to the pc 1 and this will cover second maximum variance

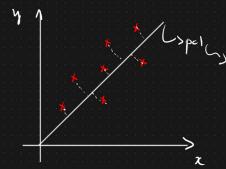
- · 2 Dimensions => p CI, pcz, vay (pc) > vay (pcz)
- · 3 Dimensions => vay (pc) > vay (pc) > vay (pc3)

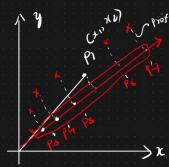


the best pe while draw whome is captures more variance (more info)



Matus Intuition Lewind pet Algoritum





Proj Pi u = where unit vector majoritude is "



Po, Pi, #2, 93, pi Scalares values

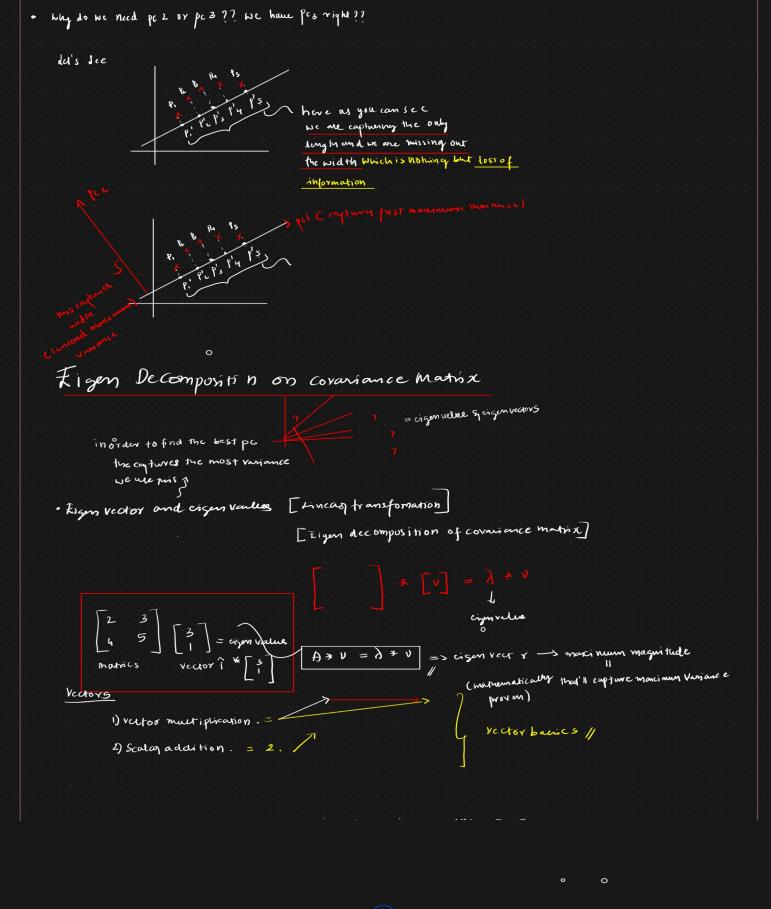
Projpu= P1.11 114 11=1

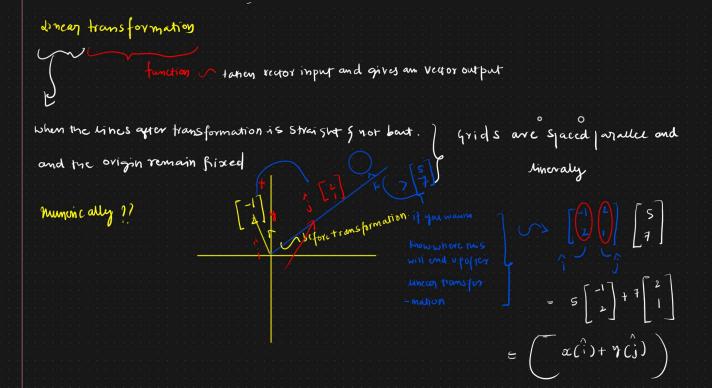
- . Ctcu's us the only distance)
- · this makes it carrier to calculate fuc variance

26, X, , N2, X6, X9



Variance = (2, - 1) (> here our main goal is to find a best unit vector which captures mais munn





Steps to calculate eigen vector and eigen values

