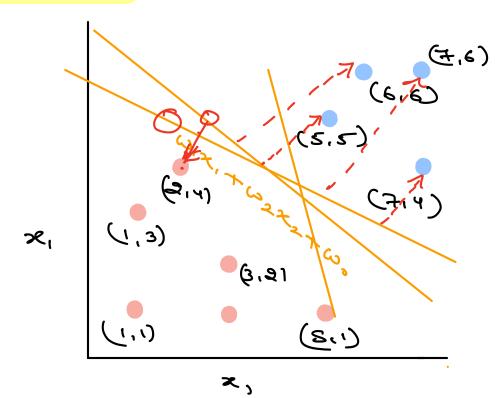
Agenda

- A Revision
- D End God
- D Yectors
 - 2 inter to Vectors
 - > Representation of Vectors
 - S Visualization of Vectors
 - > Magnitude y Vectors
 - > Norm: Ll and L2
 - > Dot product of Vectors > Matrix Multiplication
 - Angle b/w & rectors
 - 3 Connection b/w geometry and LA
 - -> Unit Vector
 - > Vector projection

End God

x,	X 2	
5	5	
2	4	
6	6	
3	2	
7	4	
S	١	



ed and we and we

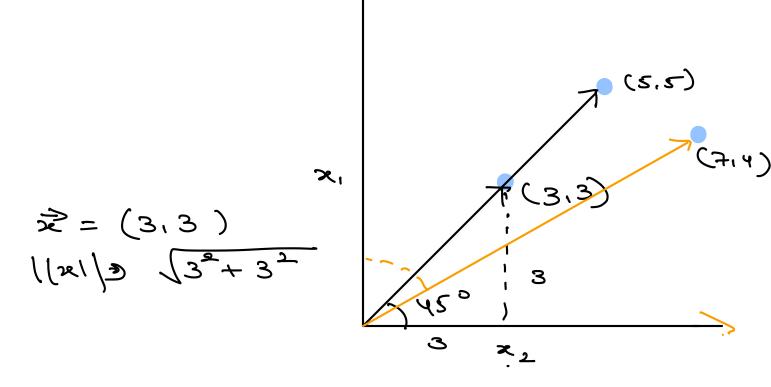
 $(\omega_1, \omega_2 \omega_3 \in \mathbb{R})$

Vectors

3 Magailude and direction

Z = TS,7J 22

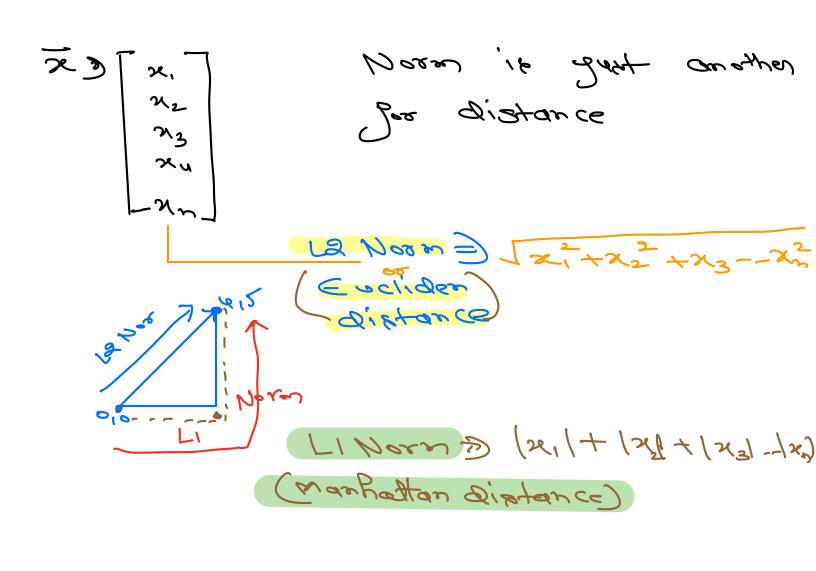
23 [4,5, c] 3d≥ √42+52+62

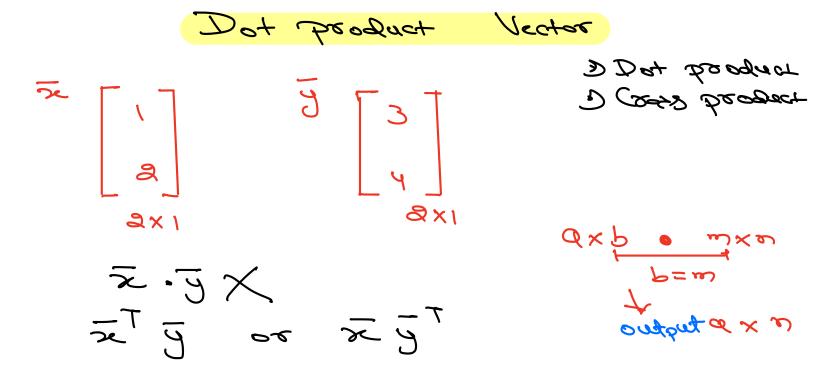


Norm of Vector

TXF [1,2]

Column Vectos





えて、少多 1×3 十 名 ×4多

Bank Loan approval system

D'income D 3500

D Cibia Scare D 800

1 Current-Roans 3

wincome + 62 CbScare + 103xCull

Tanget

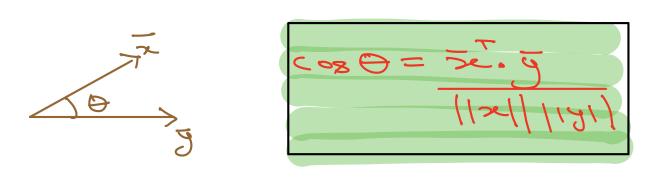
Tanget

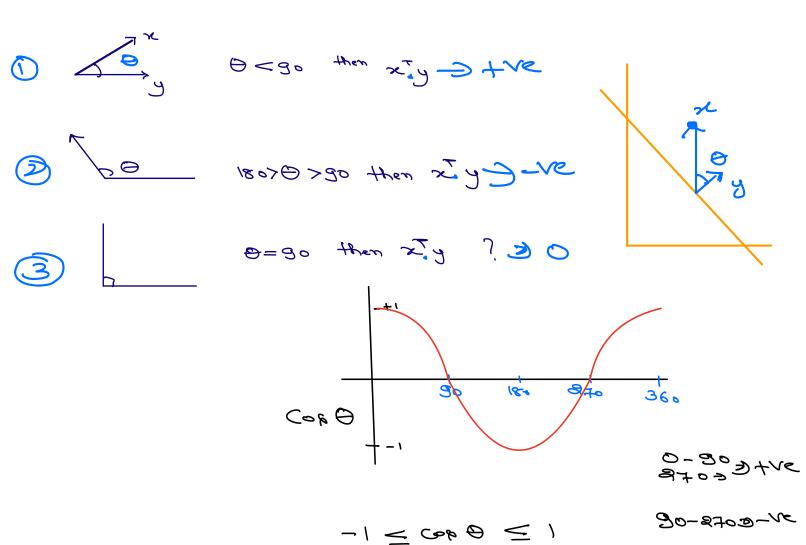
income

Cibil_Scare

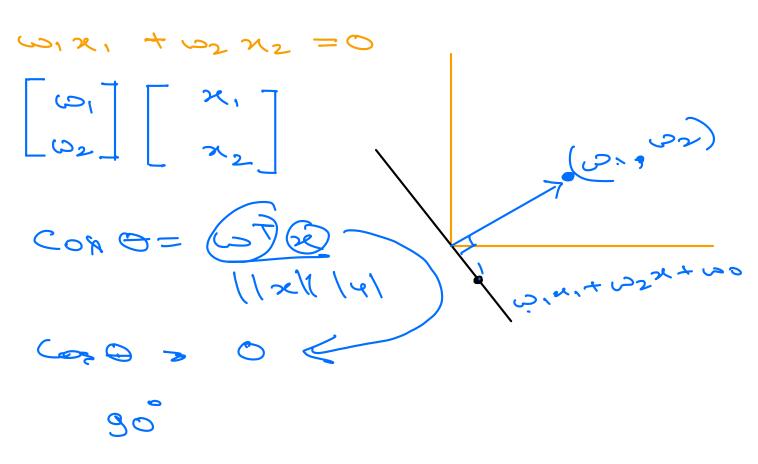
Current_loans

Angle b/w two Vectors





H.W. Find angle blue 2 and g D 2 [1,2,3] & D [10,-2,3] Proof & will be I to Q'ine wixt w2220

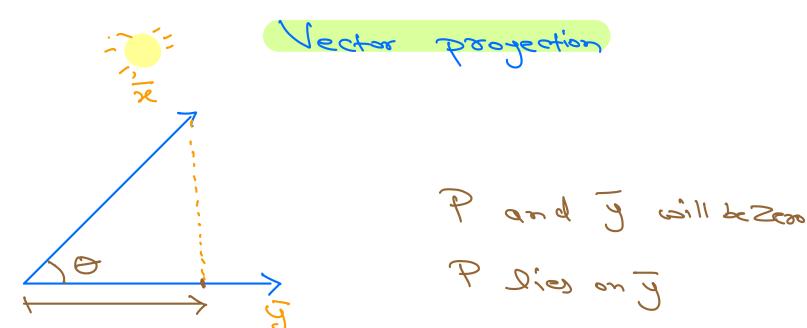


D It's a vector sith magnitude

of 1

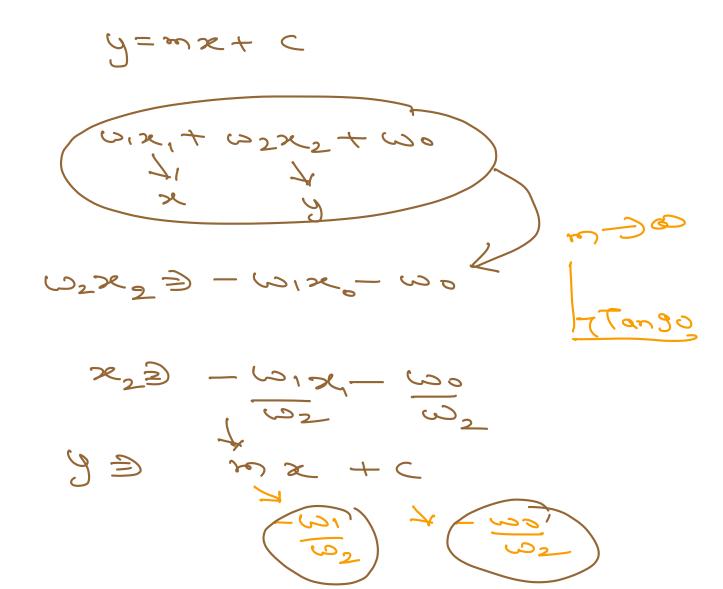
was [1, 2, 3]

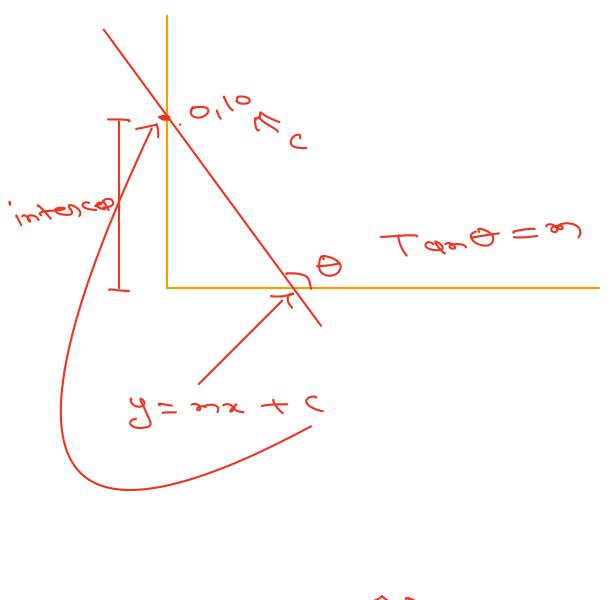
[101] [101] [101]



boolection. of x on A

Revision and Doubly





Shirt 4

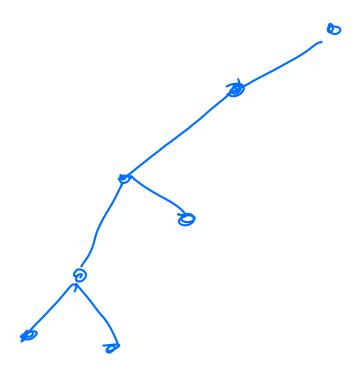
Multi-Class

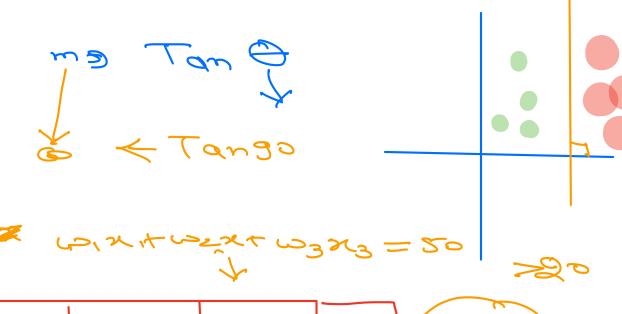
Shirt AD Daleree

Type

Unisexx

Darg restortes pred





	x,	22	23	Jes	(S) - 72
\rightarrow	(0	20	3-5		
	20	3-	10	×	
	90	50	60	1	