

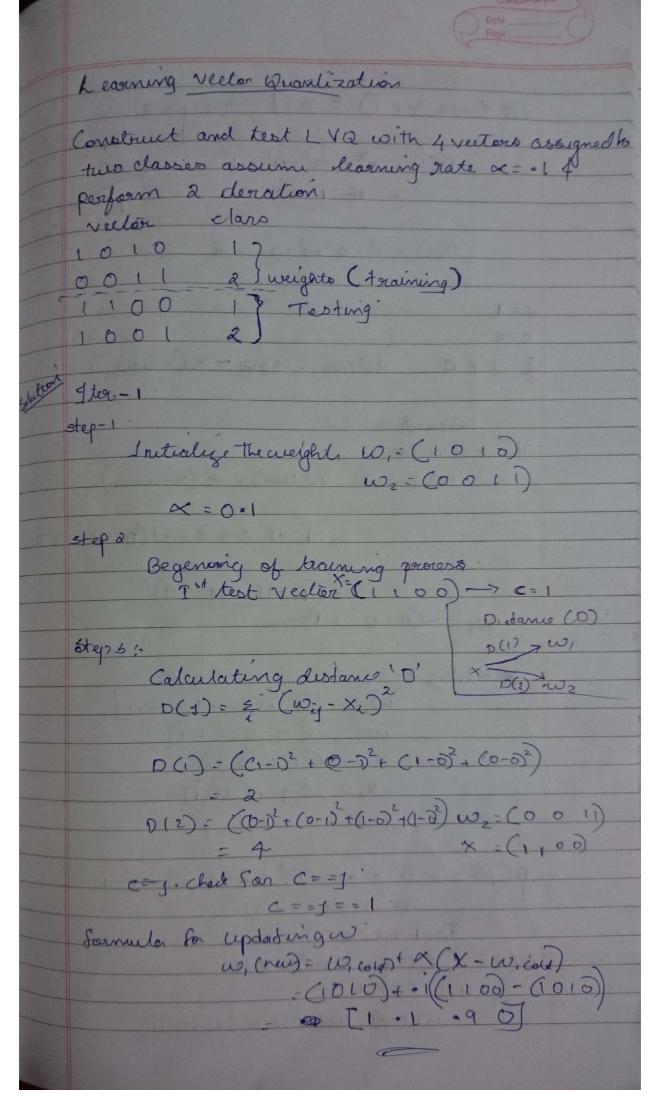
Compute the net ilp to each runit y,

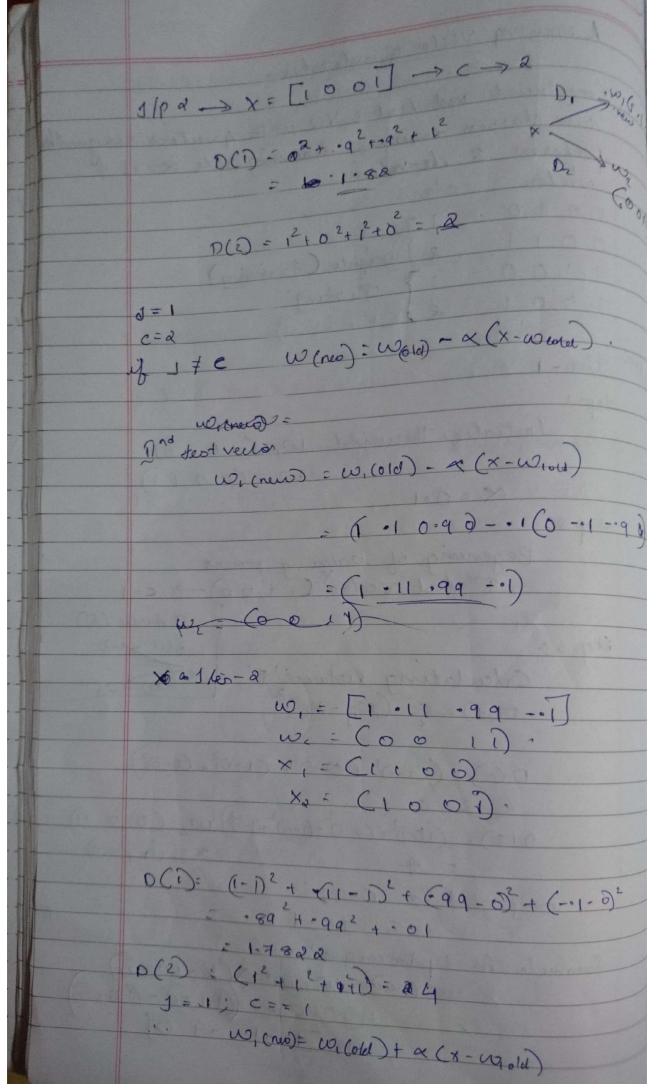
Ying = by + & x; wij & where j=1, step-3 Inchalige activations formannet Btep-4. AF=f(x)=Sic, v/x x>0 Y, (0)=Ying when Given the enemplas vectors e CD= (-11-1) e(a)=(1-1-1) Wing hamming NET find which exemplares vector is close or similar to each of this Chipolar pattern imputs (11-1-1) (-111-1) (-1-1-1) (-1-11) 1/p paltern x,=(11-1-1) X2=(-11-1-1 x3= (-1 -1 -1) Xq 5 (-1 -1 1] step-1. Initialize the weights to sodonath exemplor vector. e(1)=(-1) (C.5 . 5 - . 5 . 5) e(2) - (-1-1-) : (-5 --5 --5)

	Date
	W= -5 .5
1	.55
	55
	-56
1	$b_1 = b_2 = \frac{n}{2} = \frac{4}{2} = 2$
	a a
	For the vector x, - (11-1-) portor steps 3 to 5.
-	For the vector x, - (C) 1-1-1) porter styles so
	Yin 1 = 2+ (5+.5+.55) = 2
	Yina = 2+ (.5 +.5 +.55) - B
-	AF = Y, (b) = Yim 1 = 2
	Y2(6) = 7 in 2 = 3
	e,= (-11-1) } 2 a matches
V	e,=(-11-1) 32 matches => clone to 1st.
	$e_2 = (1 - 1 - 1 - 1) $ 3 matches $x = (1 - 1 - 1)$ 3 matches
	For the rentor X2: (-111-1)
	Ym 1 = 2 + (-5 + · 5 = 3
	Yina = 2+ (55+.3) = 1
	AF = Y. (i) = Yin = 2
	Y2 (1)= Yunz=1
	e, & x, = 2 amadeher? ez &xz = 1 match: 10 close to d'el e
	2

A	
	For the vector $x_5 = (-1 - 1 - 1 - 1)$ Y: = 2+ (-55+-5) = 2.
-4	For the vector $x_5 = (-1, -1, -1, -1)$ Yin = 2+ (-5+-5+-5) = 2.
-4	Ywi = 2+ (-5+-5+-5)-3 2. Yw z= 2+ (-5+-5+-5)-3 2.
	Ywz=a+C-s
-	y, (2) - Ym + - 3
-11	
-	at - 3 mayer
	ea & x > 2 modeles
1	
1	For the vecto & 4: (-1-11)
11	For the vecto & (-1-1-1-1) = 2 Yin = 2+ (-555)=1
1	Yin = d+ (-5+5-5-5)=1
	e, exy -> 2 matches 3 may 24 chang to e,
	e, 4 x = 1 match 3
	The state of the s
<u> </u>	0/p/e/=(1111)
	e2 = (-1-1+1)
- +	Jp: x: (11-1-1)
- +4-	X2 = (1-111)
	The state of the s
	w: .5e
1	W: .55
1	.55
	15 .5
	.5 .5
	b; b2 = 5/2 = 2.5
	1m1=2.5+(.5)=.55+-5)
	: 2.5 + (.5 - · 5 - · 5 + · 5)
	Yma = 2.5 + (5 + .5 + .5 + .5 + .5 + .5 + .5 + .5 +
	= 4 (-5+.5+.5+.5)

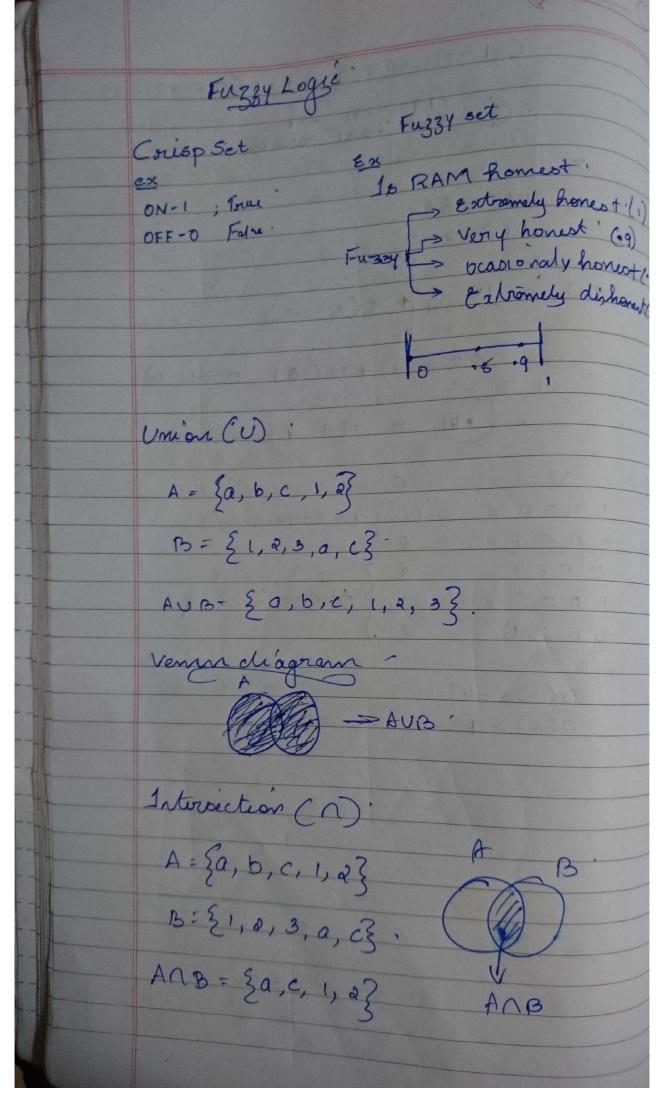
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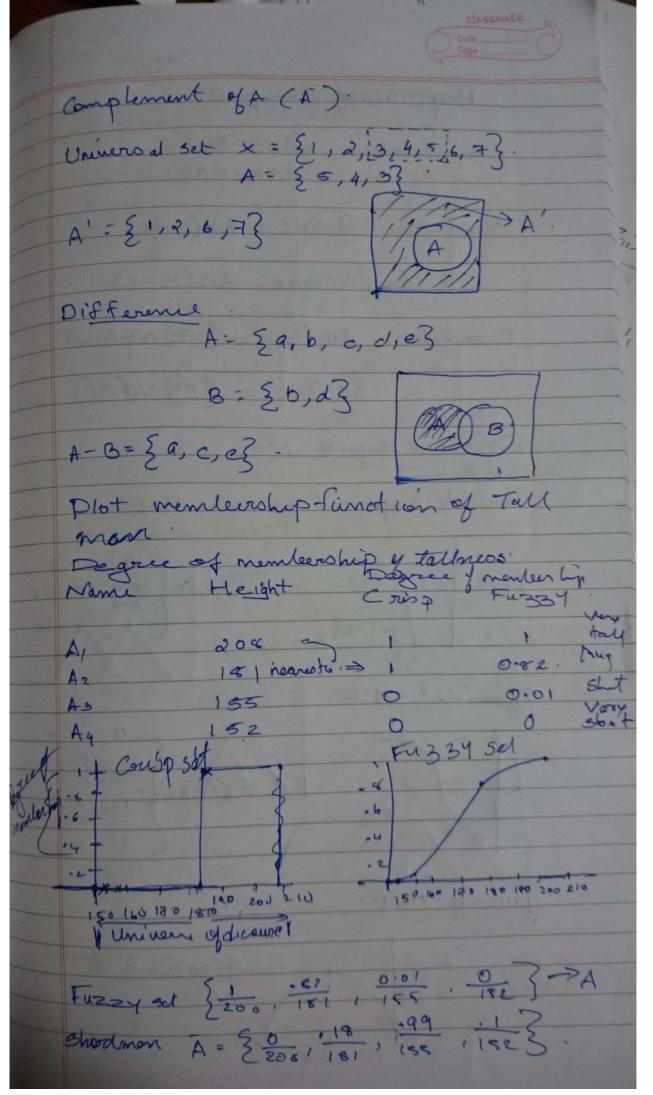


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(1.11 .99 --) + - 1 (0 . . 89 - .99 + · () - (1 .00 . ed1 -.1 Xe D(1) = 2.00 D(1)=2. W, = Wand + x (x, - wear) = (0011)+.1(010-10) *DI 6 . 6 4 9-2. V 1 2 w (Araining) 1100 0001 0011 r testing 1000 0110 D(1) = 4' D(2) = 1



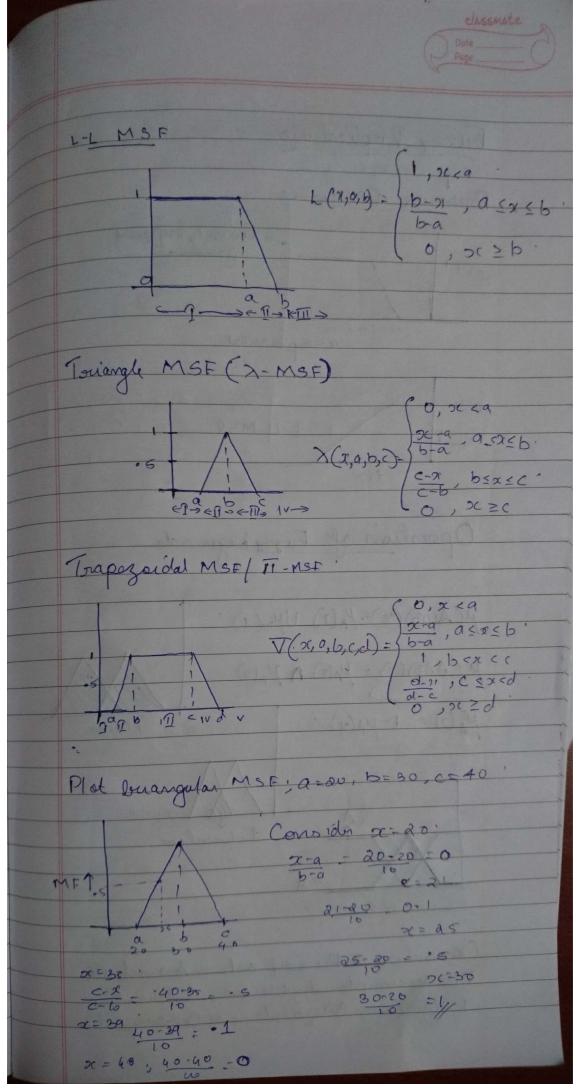
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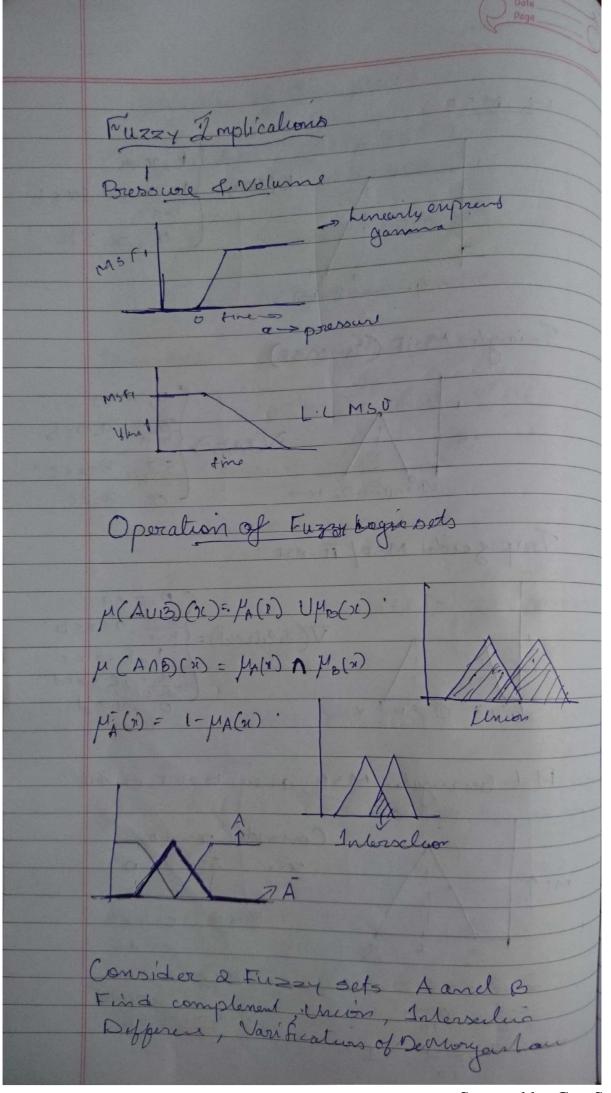
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Peroperties of Cois p sel Commulative, AUBF BUA ANBSOMA Association (AUBJUC = AU(BUC) (Angres An (BOO). Dissowetin Au (BAD) - (AUB) n (BAD). An (BUC) = AND WANC) D'Arend shapes of M.15 Linearly expressed gamma M. F (1,9,1) - x-9, asxis 1, oc 2 b Signaidal M.F Cd. 5 (7,9,6,0) = 1-2(2-9) 1/2 Maussian MSF. G(x,0,1)==5(9-20)

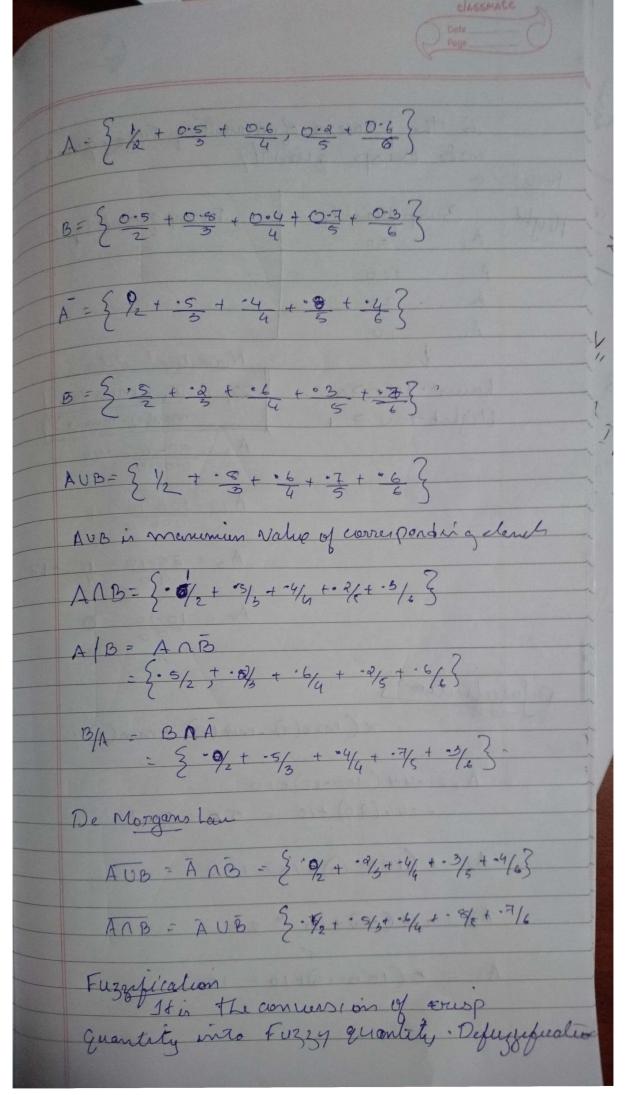
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	Page Page
	in the process of converting Fuzzy quantity
Ruggi fi Height	Fuzzy quantity
	A2 100
	A 10 Normalized daly
	homest-10->6 Zi = Zi - min (x)
	Highest - 100 -> 1 $A_1 = 50 - 10 = -44'$ 100 - 10
	A 2 = 100-10 - 1
	A 5 - 25-10 - 15 - 17
	Au = 10-10 = 0
Ochu	upialien's
1)epas	= >c (Max (20) - min (20) + min (21).
	A, = .44 (100-10)+10 = .44 (90) +10 : 50 >> Real
	A, = 1 (100 10) + 10 = 100'
	As = -11 (90)+10 = 26
	A4 - 0 (100,10)+10 = 10
	Saannad by CamSaa

