

	based on similar features we Copegonia Them into
A	K-means dustering:
	cluster following 8 pt. into 3 clusters in the
	form of X (X, Y)
	A1(2,10) A4(5,8) A7(1,2)
	A2(2,5) A5(7,5) A8(4,9)
	A3(8,4) A6(6,4)
	Austed centres: (1(2,10), (2(5,8), (3(1,2)
	/ - Philiphotoch
	$D =  x_2 - x_1  +  y_2 - y_1 $
9,	description of the state of the
6.5	Calculate distance the all Points.
Aza 8.	$\pm$ ) -D (A1,C1) = $ 2-2  +  10-10  = 0$
μ νω.	This of the fast of the x
1- 02-10 pl	2) D(A2, CI) =  2-2 + 5-10  = 5
7	3) D(A3, C1) =  8-2 + 4-10  = 12
In the 10	4) D(A4,C1) = \$3+225
بالميال ا	5) p ((A5, C1) = 5+5=10
1 His	0 p (A6, c1) = 4+6=10
- 144	7 D (A7, CL) = 1+8=9
	9) $D(A_3, c_1) = 2+1=3$
	Hyrother Statement Assumpti
	D(A1, (2) = 0 3+2 25 D(A, C3) = 9
A 32 h	D(AL,C2) = 3+326 D(AL,C3) = 4
_	D(A3, (2) = 3+427 P(A3, (3) = 9
21.444	D(A4, C2)= 0+0 = 0 P(A4, C3)=10
77.00	
- V. (1)	D(A6,C2) = 1+4=5 P(A6,C3)=7
V- 1	D(AZ; CR) = U+6210 D(AZ, CS) = 0
	P(A8, (2)= 1+1=2 P(A7, (3)=10
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Based on minimum distance choose stribelong to cluster Formation of Table Pt. belong to ziven pts Dist from C1(2,10) From C2(5,8) from (3(1,2). 0 AZ @ @ 9 12 AB 10 CL 10 AS OR\_ AG 10 0 A 10 AS List cluster centres: C1(A1(2,10)) C2 ( A3 (8,4), A4 (5,8), A5 (7,5), A6 (6,4), A8 (4,9)) C3 ( A2 (2,5), AX (1,2)) to memos DAD 10 0 /1 Scanned with CamScanner