-means;
P2 6 7 P2 4 6
P3 5 7
1/5 S 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
17 1 12 ) 113 32 VIII VI
ur Enitial centroids are P1 and P2
$P_1$ $P_2$ $P_3$ $P_4$ $P_5$ $P_6$ $P_7$
P <sub>1</sub> (h) 0 7.81 5.83 7.21 4.12 2.23 1 1.41 5.00 5.00
Group 1 5-P1 P5 Pc P- P-2
Group2 & P2, P3, Py }
(1) New Centroid = (1+5+2+1+3), (100,100)
$\left(\frac{12}{5},\frac{9}{5}\right) \in \left(2.4,1.8\right)$
$G_2 = \frac{(6+4+5)}{3} \cdot \frac{(7+6+7)}{3} = (5,6.67)$
(34,1.8) 1.61 (5.32 4.49 5.81 2.60 1.26 1.41 1
15,(.67) 6.93 1.05 1.20 0.33 4.67 4.74 6.14 6.01
Group 1 & P1, P5, P6, P7, P2 ? No change Group 2 & P2, P3, P4 } JAnswer,
Group 2 { P2, P3, P4 } JANSWer,