## K-mediod Clustering

K - Medoid K= 2 d = (x-x1) + (y-y) + (2-7  $\rightarrow$  { (8,7), (3,7), (4,9) (9,6), (8,5), (5,8), (7,3), (8,4), (7,5), (4,5)} C1=(8,4) Co= (4,5) 4-K+18-X=6 dz= 1x-41+ 1y-51 K,= 5(8,7), (9,6) 4+2-6 0+3-(3) 8 7 18,5), (3,3) 1+2=(3) 5+3=8 (8,4) (7,5) } 0 + 4 Kz= (3,7)(4,9) (5,8),4,5) } 3 Cost 2 - cost, >0 3+2 =5 4+1=5 3+0 = 3 cest = 2+2+0+3+1+1 + 3+ 4+ 9 + 6 +3+4+2+0

K - Medoid K= 2 → { (8,7), (3,7), (4,9) (9,6), (8,5), (5,8), (7,3), (8,4), (7,5), (4,5)} d= (x-x,)+(y-y, K,= {(8,7), (9,6) 18,5),(2,3) (8,4) (7,5) }