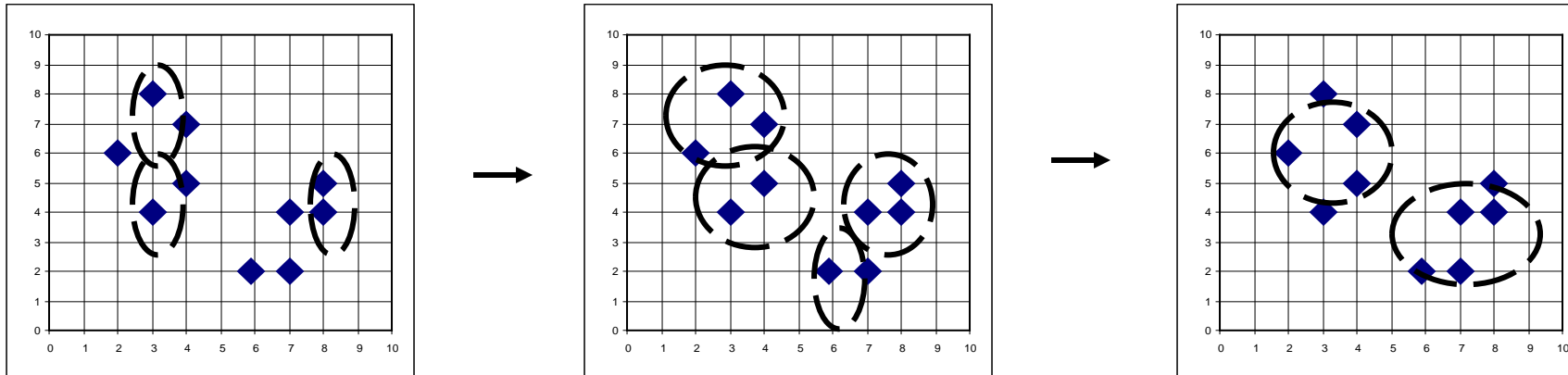# Agglomerative Clustering Algorithm

❑ AGNES (AGglomerative NESting) (Kaufmann and Rousseeuw, 1990)

    ❑ Use the **single-link** method and the dissimilarity matrix

    ❑ Continuously merge nodes that have the least dissimilarity

    ❑ Eventually all nodes belong to the same cluster

❑ Agglomerative clustering varies on different similarity measures among clusters

    ❑ Single link (nearest neighbor)   ❑ Average link (group average)

    ❑ Complete link (diameter)   ❑ Centroid link (centroid similarity)