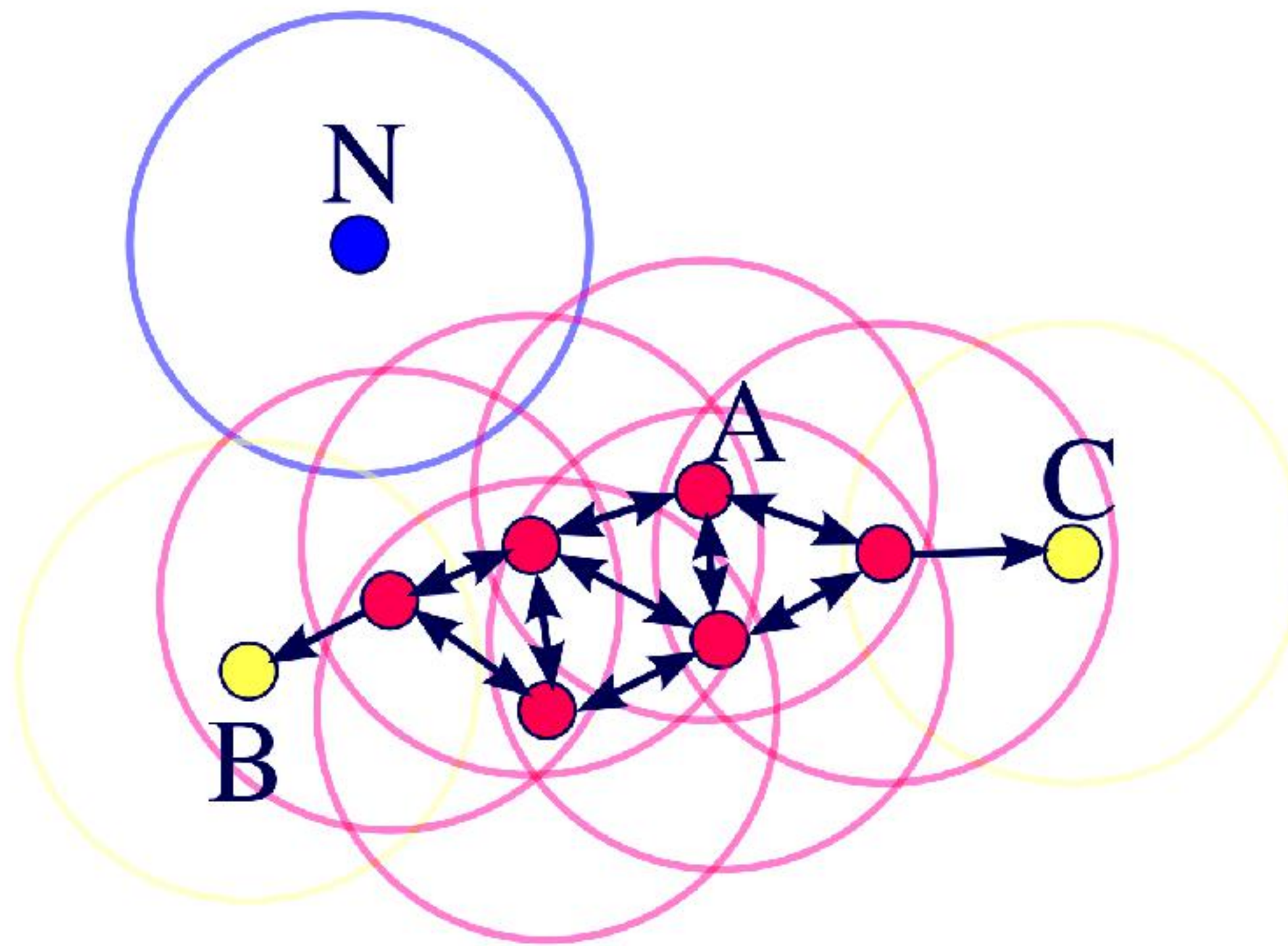


# DBSCAN: Definitions and Algorithm Outline

- $x_i$  and  $x_j$  are connected if  $\exists x_k$  from which  $x_i$  and  $x_j$  are reachable
- any point reachable from a point in the cluster belongs to the cluster
- all points in a cluster are mutually connected (solves the edge problem)



source: <https://en.wikipedia.org/wiki/DBSCAN>