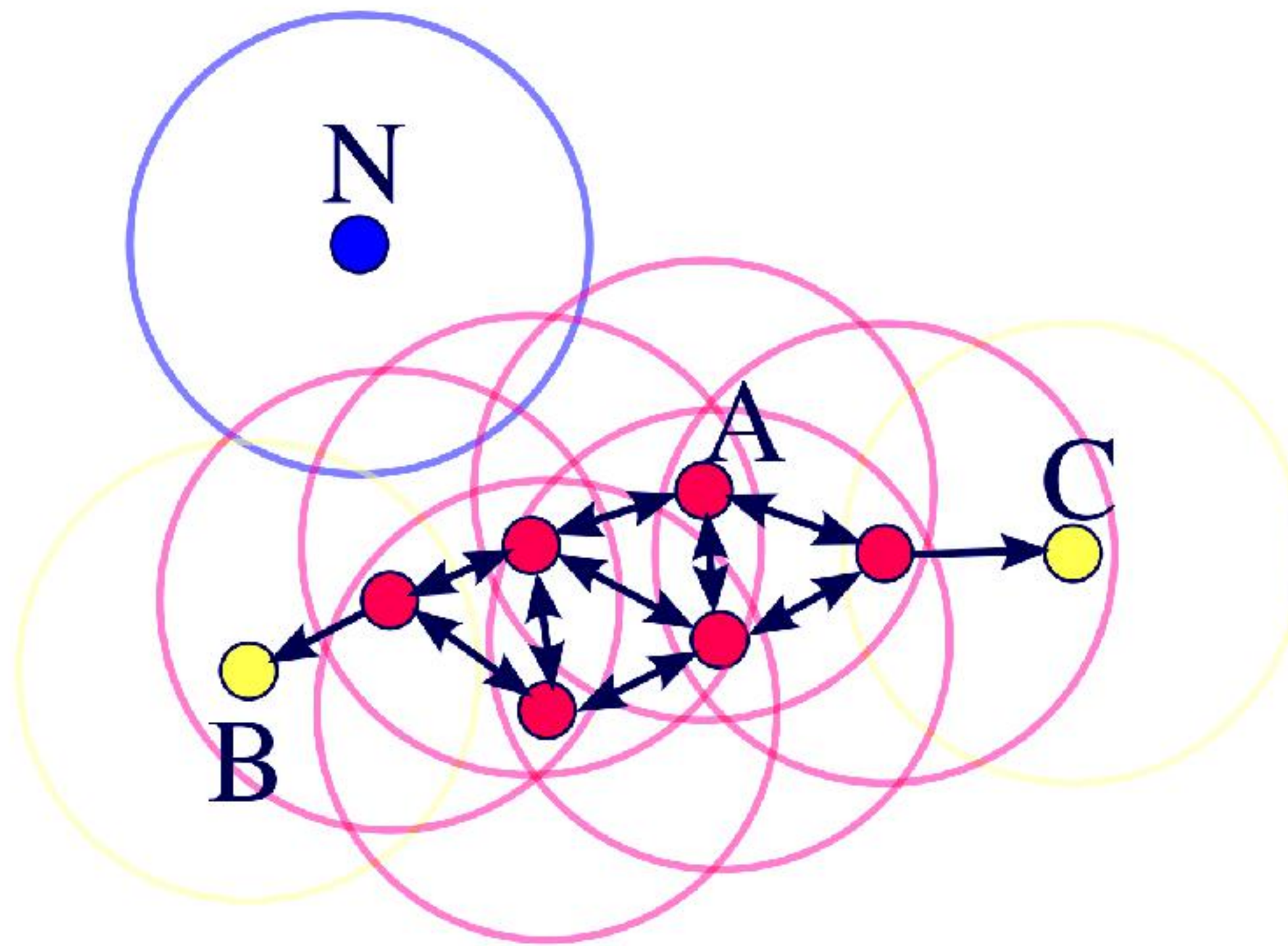# DBSCAN: Definitions and Algorithm Outline

- 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