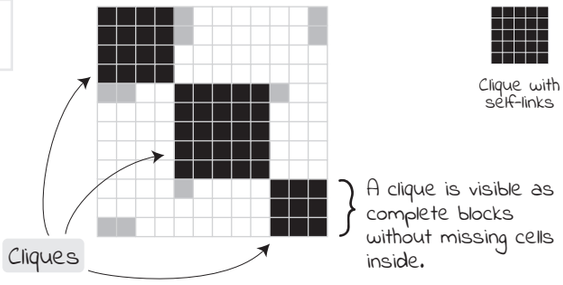
Adjacency Matrix

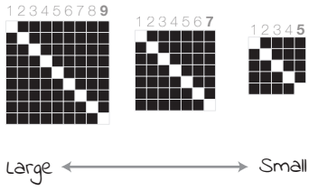
Visual Patterns

Block

Node Clique

Set of nodes where every node is connected to every other node.



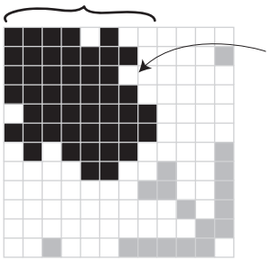


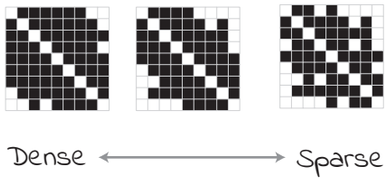
Cluster

Node Cluster

Set of nodes where almost all nodes are connected. If all links would be present, the cluster would be a clique.

A cluster is visible as a large "clump" of cells but can contain empty cells.



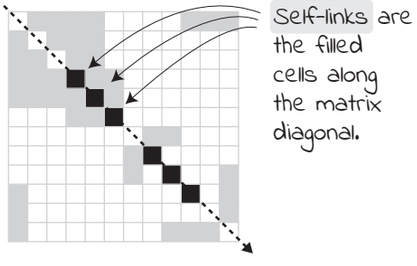


Diagonals

Self Links

Self links are links that connect a node to itself.

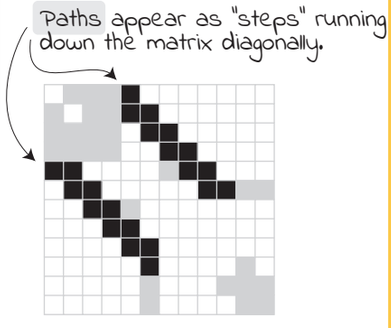
Examples include self-citations in citation networks.



Stairs

Paths

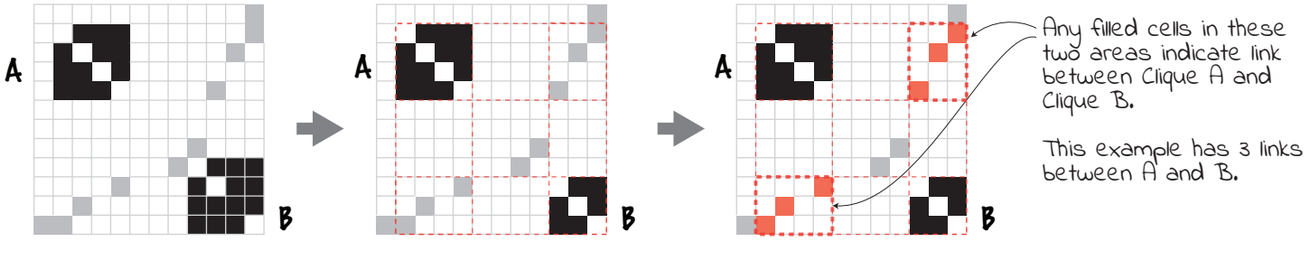
A set of nodes so that there is a set of connections that lead from the first to the last node in that set.



Off-diagonal cells

Connectors

Connectors indicate links between two cliques or clusters (A and B).



Dense row / column

Hub nodes

Highly connected nodes are nodes with many connections.

Highly connected nodes are visible by row and columns with many cells. Cells do not need to be adjacent.