Network Representation

Nodes ARCS
Vertix Edges

What is a Graph?

A collection of nodes and edges.
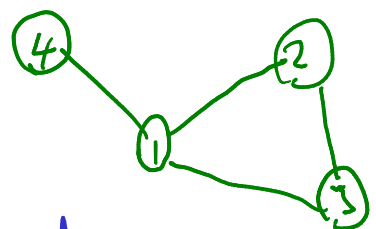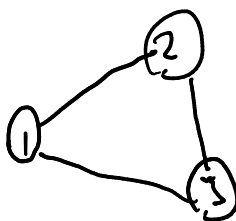
$$G(N, A)$$

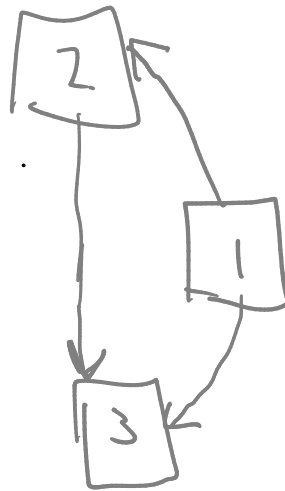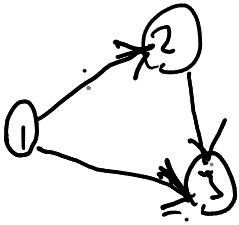G Nodes   ARCS

Examples

$$N = \{1, 2, 3\}$$

$$A = \{(1,2), (2,3), (3,1)\}$$

Undirected

Directed

$$G\ (\ \{1, 2, 3\},\ \{(1,2), (2,3),\ (1,3)\}\ )$$