Graph algorithms

David Svaty

Faculty of Information Technology, BUT

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What is a graph

- Non-linear data structure
- Consists of vertices and edges
- Vertices are nodes and edges connect them
- Denoted by G(E, V)

Graph example

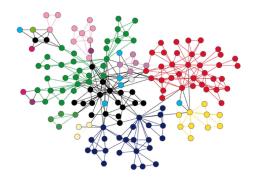


Figure: Example of a graph. Graph consists of nodes connected by lines.

Examples of graph algorithms

- Breadth-first search
- Depth-first search
- Shortest path
- Minimum spanning tree