

Directed Graphs

- ✓

Video: Directed Acyclic Graphs
8 min
- ✓

Video: Topological Sort
9 min
- ✓

Video: Strongly Connected Components
7 min
- ✓

Video: Computing Strongly Connected Components
10 min
- 📖

Reading: Slides and External References
10 min

Programming Assignment



Slides and External References

Slides

09_graph_decomposition_8_strongly-connected-components.pdf
PDF File

09_graph_decomposition_9_computing-sccs.pdf
PDF File

09_graph_decomposition_7_topological-sort.pdf
PDF File

09_graph_decomposition_6_dags.pdf
PDF File

Reading

Section 3.3 and 3.4 in [DPV]

Visualizations

- [Topological sort using depth first search](#) by David Galles
- [Topological sort using indegree array](#) by David Galles
- [Strongly connected components](#) by David Galles

References

[DPV] Sanjoy Dasgupta, Christos Papadimitriou, and Umesh Vazirani. Algorithms (1st Edition). McGraw-Hill Higher Education. 2008.

Mark as completed

