Graphs

References

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References

❖ Connected components

- ➢ Sedgewick Part 5 18.5

❖ Bridge and articulation points

- ➢ Sedgewick Part 5 18.6

❖ DAGs and DAG topological sorting

- ➢ Sedgewick Part 5 19.5 e 19.6
- ➢ Cormen 23.4

❖ Strongly connected components

- ➢ Sedgewick Part 5 19.8
- ➢ Cormen 23.5

References

❖ Representation
  ➢ Sedgewick Part 5 20.1
❖ Principles
  ➢ Sedgewick Part 5 20.2
  ➢ Cormen 24.1
❖ Kruskal's Algorithm
  ➢ Sedgewick Part 5 20.4
  ➢ Cormen 24.2
❖ Prim's Algorithm
  ➢ Sedgewick Part 5 20.3
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References

❖ **General principle**

  ➢ Sedgewick Part 5 21.1

  ➢ Cormen 25.1

❖ **Dijkstra's Algorithm**

  ➢ Sedgewick Part 5 21.2

  ➢ Cormen 25.2

❖ **Minimum and Maximum Paths on DAG**

  ➢ Sedgewick Part 5 21.4

  ➢ Cormen 25.4

References

❖ **Bellman-Ford's Algorithm**

> ➤ Sedgewick Part 5 21.7
> ➤ Cormen 25.3