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Session 13
Strategy 1: Brute Force

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🗎 Lecture Summary

Basic Graph Traversal Algorithms

1. Depth first search:
   - DFS forest and edge classification
   - Control data structure: push/pop traversal orders
   - An algorithm, implementation notes
2. Breadth first search: pen-paper procedure (to contrast strategy with DFS and intro control data structure), algorithm
3. Efficiency and applications (focus impact of implementation and edge density)

🗎 Session Exercise

📖 **Exercise 3.5** • 1, 2, 4, 7 � 8a, 8b

🗎 Reading List

📖 3.5

🗎 Keywords

Back-edge, DFS forest, cross-edge, [graph] traversal, tree-edge