

Notes

- Graphs, Euler Circuits, Valence¹
- Hamiltonian Circuits, Complete Graphs²
- Traveling Salesman Problem³
- Minimum Cost Spanning Trees⁴
- Cut Property for MST's and Shortest-Paths Algorithms⁵
- Directed Graphs, Critical Paths⁶
- Priority Lists, Scheduling, Independent Tasks⁷
- Bin-packing, Vertex-Coloring⁸
- Linear Programming, Mixture Problems⁹
- Transportation Problems, Tableaux¹⁰
- Voting Systems, Majority Rules¹¹
- Voting with more than 3 candidates¹²
- Manipulability¹³
- Error-Correcting, Identification Numbers¹⁴
- Binary Codes, Parity Check¹⁵
- Data Compression¹⁶
- Cryptography¹⁷

¹[notes/graphs_euler.html](#)

²[notes/graphs_hamiltonian.html](#)

³[notes/graphs_tsp.html](#)

⁴[notes/graphs_mst.html](#)

⁵[notes/cut_property_dijkstra.html](#)

⁶[notes/graphs_directed.html](#)

⁷[notes/scheduling.html](#)

⁸[notes/bin_packing.html](#)

⁹[notes/linear.html](#)

¹⁰[notes/tableaux.html](#)

¹¹[notes/voting_majority.html](#)

¹²[notes/voting_more_candidates.html](#)

¹³[notes/voting_manipulability.html](#)

¹⁴[notes/codes_ecc.html](#)

¹⁵[notes/codes_binary.html](#)

¹⁶[notes/codes_compression.html](#)

¹⁷[notes/crypto.html](#)