Overview Basics and Eulearian Graphs

515: Graph, nodes and edges

516: Koenigsberg 517: Special Paths

518: Cycle vs. Eulerian Cyc

519: Eulerian Tour?

524: Subgraph

525: Peterson Graph

526: Proof Eulerian Tour

527: Hierholzers Algorithm

528: Bipartite Graph

529: Traveling Salesman Pro

530: Complete Graphs

531: p can not be extende

534: Tree

653: Every vertex has an ev

654: In fortests: n = m + p

655: Delete until acyclic

667: Searching a big tree

668: Spanning tree

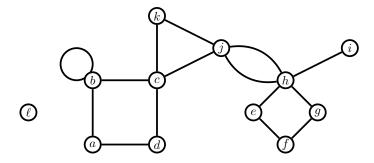
669: Properties of BFS and

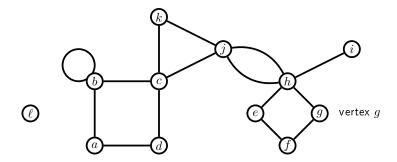
670: w is smalles crimina

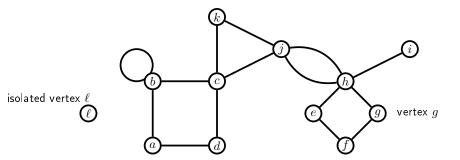
671: (u, v) cannot be conn

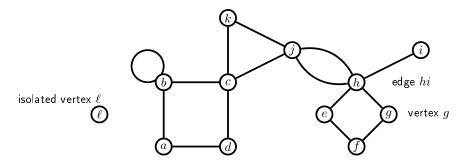
672: Generic graph search

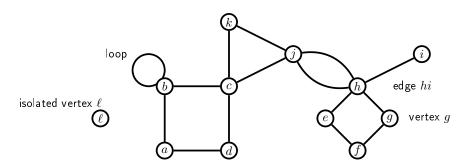
673: BFS and DFG

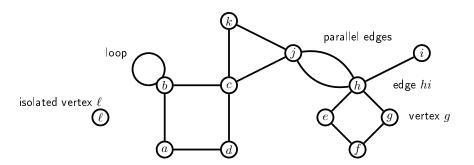


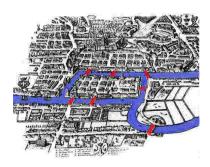


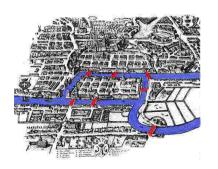




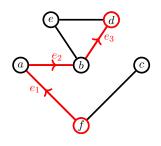




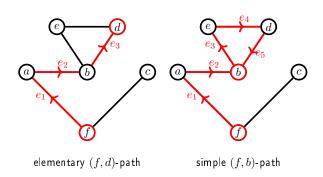


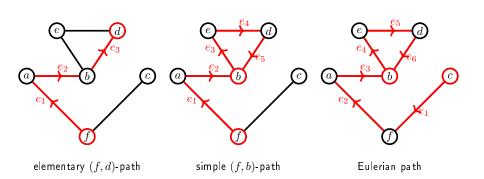


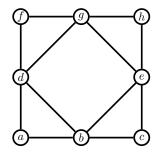


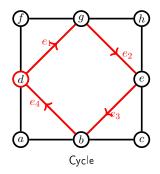


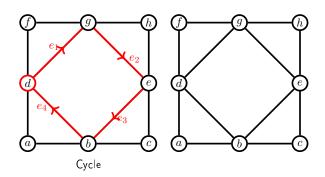
elementary (f,d)-path

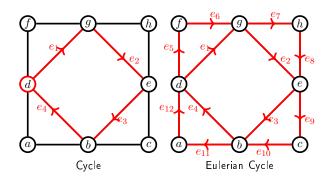


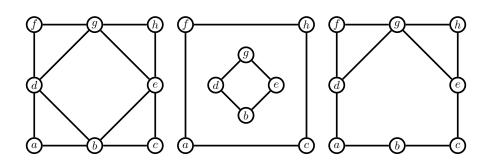


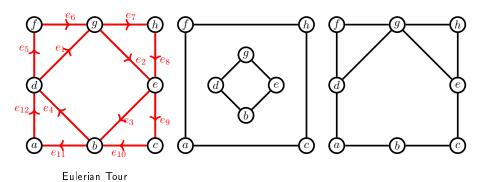


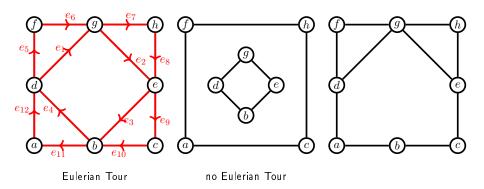


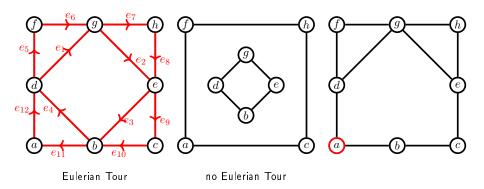


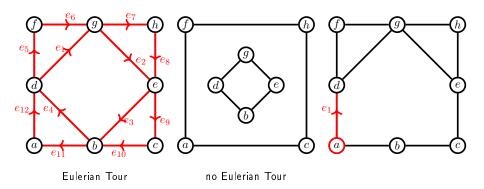


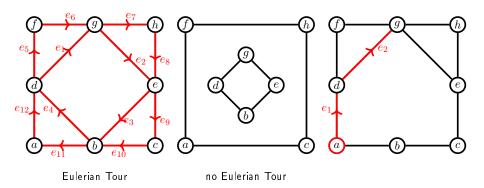


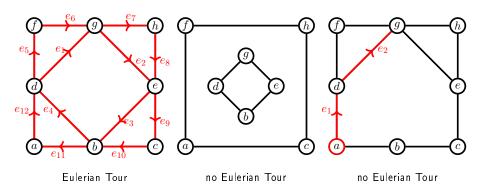






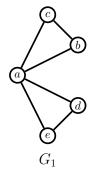






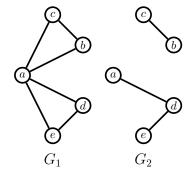
Subgraph

Nr. 524



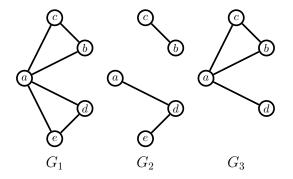
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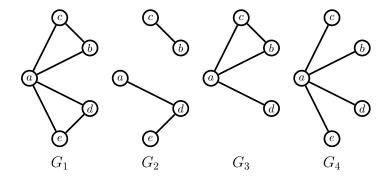
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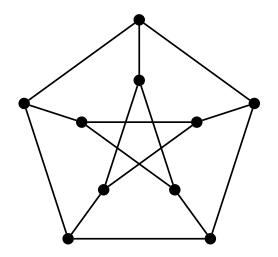


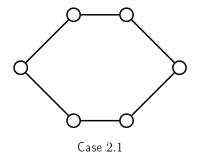
Subgraph

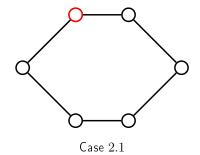
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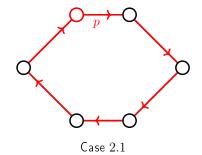


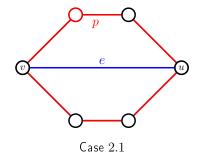


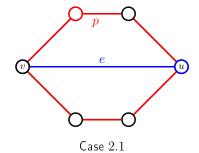


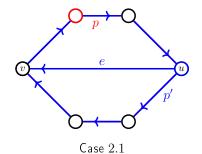


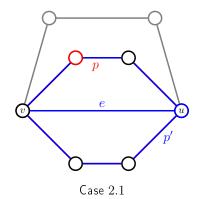


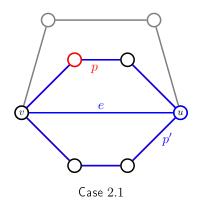




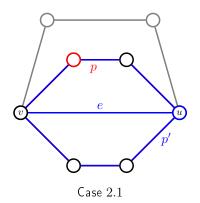




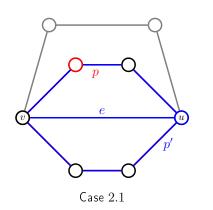


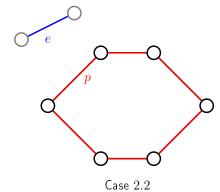


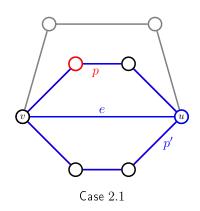
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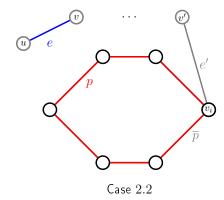


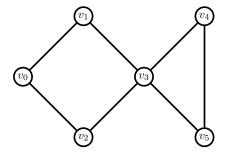
Case 2.2

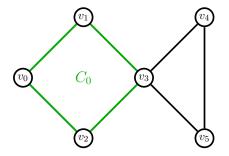


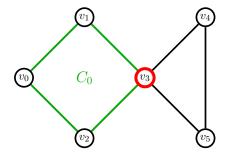


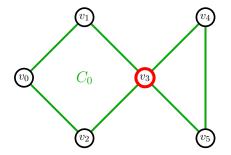


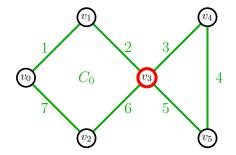


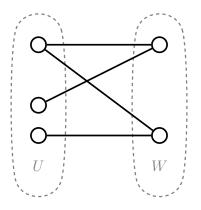


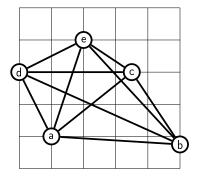


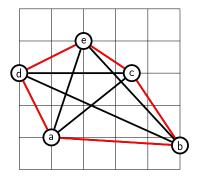


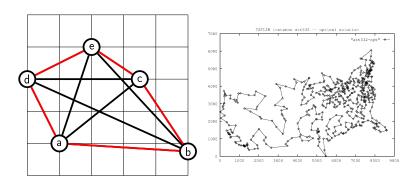


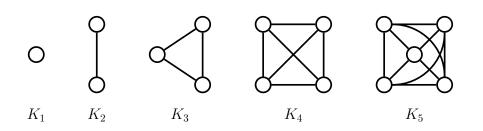


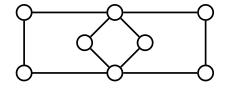


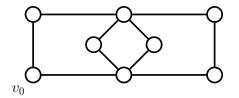


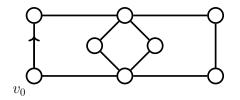


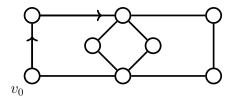


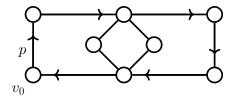


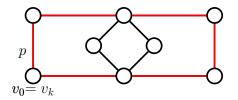




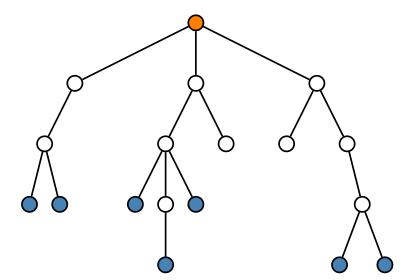




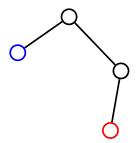


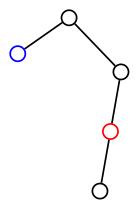


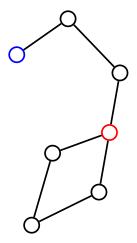
Tree Nr. 534

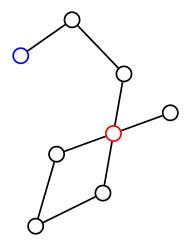


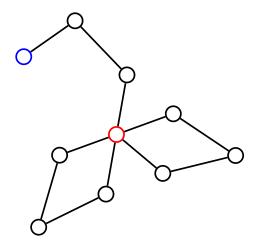


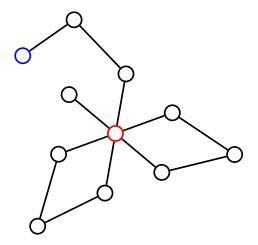


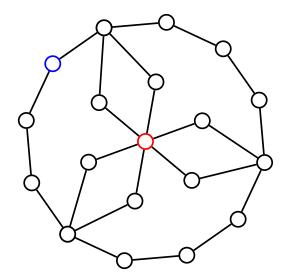




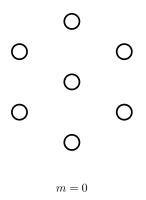


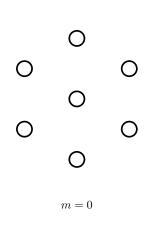


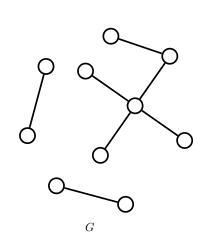


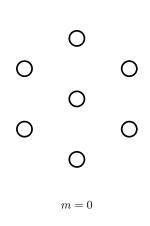


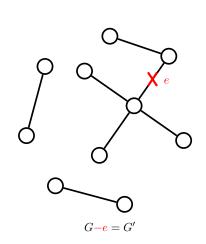
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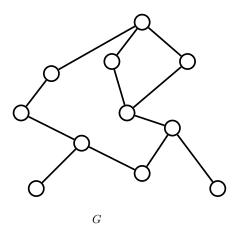


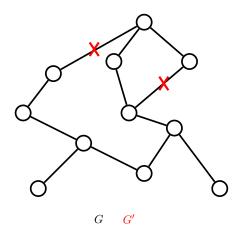


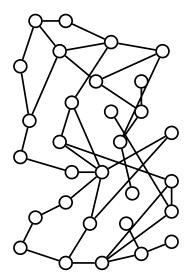


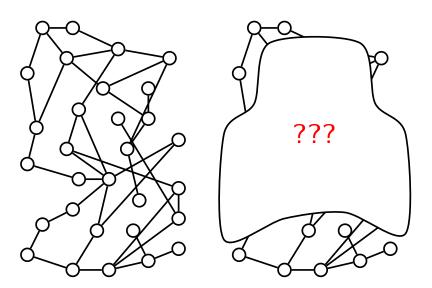


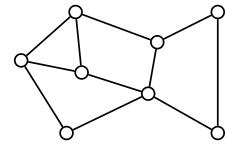


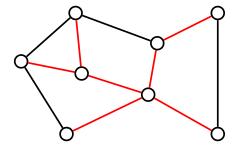


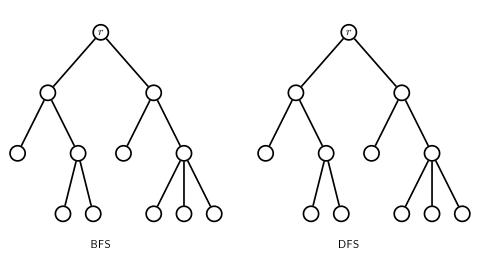




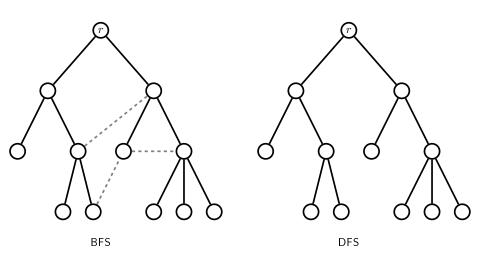


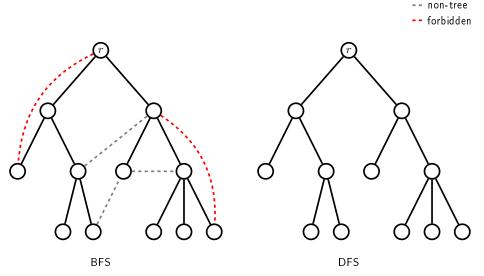


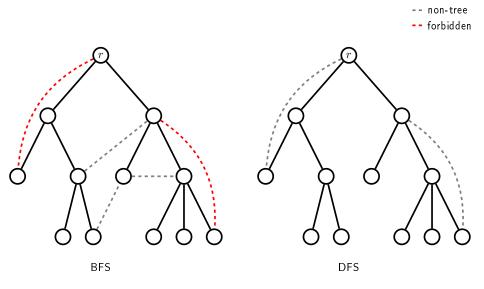


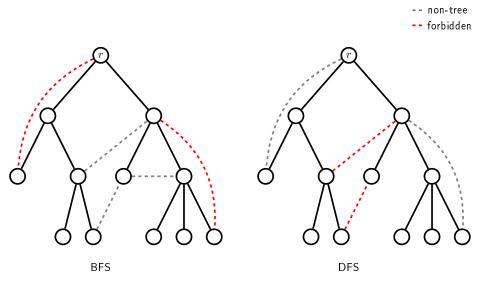


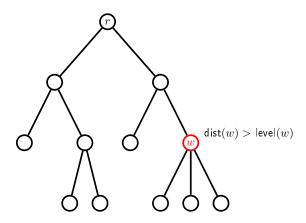
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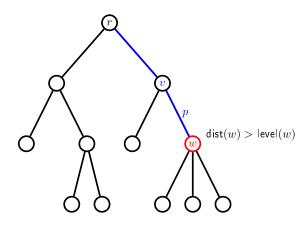


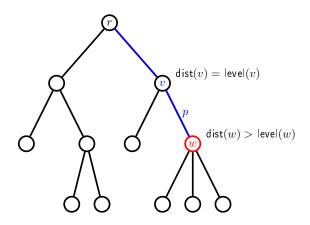


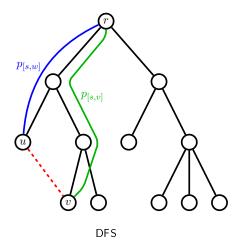


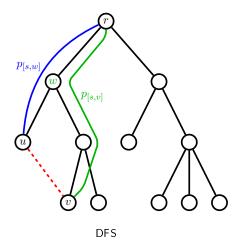


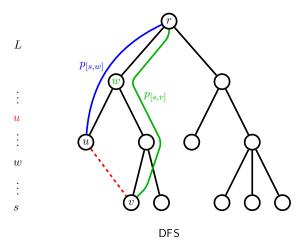


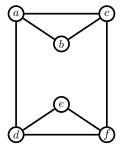


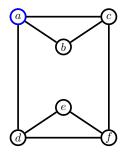




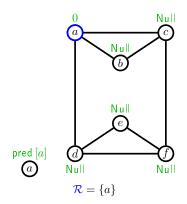


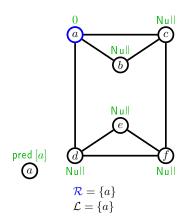


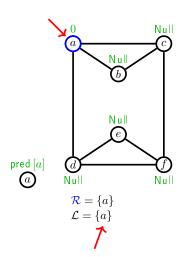


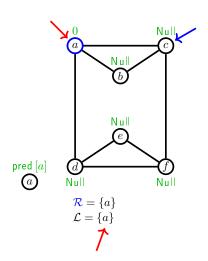


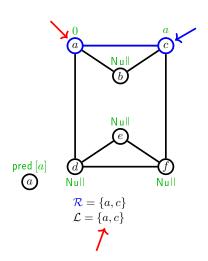
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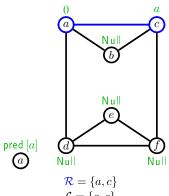


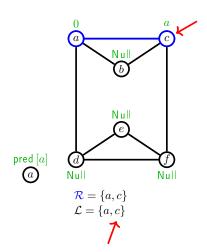


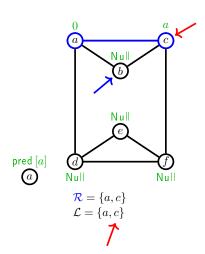


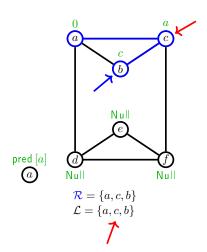


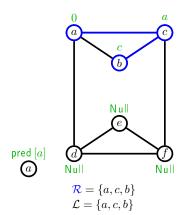


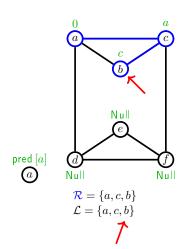


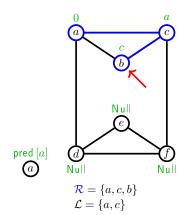


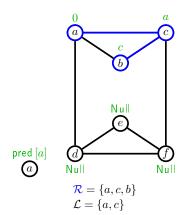


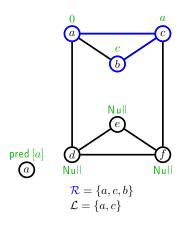


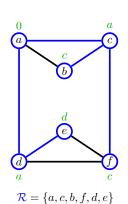












 $\mathcal{L} = \emptyset$

