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Query Optimization

6. Exercise Due December 4, 2017, 9 AM submit via email (radke@in.tum.de)

Exercise 1

Given the following query graph, enumerate all connected subgraph-complement-pairs as produced by DPccp (not just connected subgraphs!):

Exercise 2

Given the following query graph, perform two simplification steps, and show the resulting query graph after each step. Assume

Exercise 3

Given the following join tree, give the reordering restrictions for the individual joins and show the resulting query graph for DPhyp (attention: right outer join!):

