

Advanced Topics in Foundations of Databases, 2016/17

Material for Final Project and Essays

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Topic 4: Semantic Optimization of Conjunctive Queries

1. Pablo Barceló, Georg Gottlob, Andreas Pieris: Semantic Acyclicity Under Constraints. PODS 2016: 343-354
2. Diego Figueira: Semantically Acyclic Conjunctive Queries under Functional Dependencies. LICS 2016: 847-856
3. David S. Johnson, Anthony C. Klug: Testing Containment of Conjunctive Queries under Functional and Inclusion Dependencies. J. Comput. Syst. Sci. 28(1): 167-189 (1984)
4. David Maier, Alberto O. Mendelzon, Yehoshua Sagiv: Testing Implications of Data Dependencies. ACM Trans. Database Syst. 4(4): 455-469 (1979)