

## Advanced Topics in Foundations of Databases

### Material for Final Project and Essays

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#### Topic 2: Approximation of Conjunctive Queries

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2. Pablo Barceló, Miguel Romero, Moshe Y. Vardi: Semantic Acyclicity on Graph Databases. *SIAM J. Comput.* 45(4): 1339-1376 (2016)
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4. Víctor Dalmau, Phokion G. Kolaitis, Moshe Y. Vardi: Constraint Satisfaction, Bounded Treewidth, and Finite-Variable Logics. *CP 2002*: 310-326
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10. Martin Grohe, Thomas Schwentick, Luc Segoufin: When is the evaluation of conjunctive queries tractable? *STOC 2001*: 657-666
11. Mihalis Yannakakis: Algorithms for Acyclic Database Schemes. *VLDB 1981*: 82-94