1. Publications

Papers in Refereed Journals

Afrati,F., "Bounded Arity Datalog($\neq$) Queries on Graphs" submitted as invited paper to special issue of *Journal of Computer and Systems Sciences* on ACM Conference 'Principles of Database Systems'.

Afrati,F., Cosmadakis,S.,Yannakakis,M., "Datalog vs. Polynomial Time", *Journal of Computer and Systems Sciences* (special issue on ACM Conference 'Principles of Database Systems'), October 1995.

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Paschos,P., Anagnostou,M., Afrati,F., "Deterministic Access Protocols for

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Afrati,F., "The Parallel Complexity of Single Rule Logic Programs". *Discrtete Applied Mathematics* (special issue) 40 (1992) pp 107–126.

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Afrati,F., Papageorgiou,G., " Algorithms: Design and Analysis of Computational Complexity" (in greek), publication of the NTU of Athens, 1993.

Papers in Conference Proceedings

Afrati,F., Guessarian,I., de Rougemont,M. "Expressiveness of DAC Programs" , submitted

Afrati,F., Kavalieros,Th., Theodoratos,D., "On the Complexity of Updating Knowledge Bases", *Proceedings* of Conference of Greek CS Society, Athens,

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Afrati,F., Cosmadakis,S., Grumbach,S., Kuper,G., "Linear vs. Polynomial Constraints in Database Query Languages", 2nd Workshop on Principles and Practice of Constraint Programming, 1994.

Afrati,F., "Bounded Arity Datalog($\neq$) Queries on Graphs", *Proceedings* of the 13^{th} ACM PODS, Symposium on the Principles of Database Systems, 1994.

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Afrati,F., Papadimitriou,C.H., Papageorgiou,G., Roussou,A., Sagiv,Y., Ullman,J.D., “Convergence of Sideways Query Evaluation”, *Proceedings* of the 5^{th} ACM PODS, Symposium on the Principles of Database Systems,March 1986;(the final version appears above as a refereed journal entry).

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