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Publications

- Detecting Common Subexpressions for Multiple Query Optimization over Loosely-Coupled Heterogeneous Data Sources
Mahesh B. Chaudhari and Suzanne W. Dietrich
Distributed and Parallel Databases, June 2016, Volume 34, pp. 119-143.[LINK](#)
- Towards a Hybrid Relational and XML Benchmark for Loosely-Coupled Distributed Data Sources
Mahesh B. Chaudhari, Suzanne W. Dietrich, Jennifer Ortiz, and Spencer Pearson
Journal of Systems and Software, November 2015, Volume 109, pp. 78-87.[LINK](#)
- Learning from Database Performance Benchmarks
Jennifer Ortiz, Suzanne W. Dietrich and Mahesh B. Chaudhari
Journal of Computing in Small Colleges (CCSC Southwest 2012, Stockton, CA, March 2012), Volume 27, Number 4, pp. 151-158, April 2012. [LINK](#)
- Materialized Views over Heterogeneous Structured Data Sources in a Distributed Event Stream Processing Environment
Mahesh B. Chaudhari (supervised by Dr. Suzanne W. Dietrich)
PhD Dissertation, Arizona State University, 2011.[LINK](#)
- LINQ ROX! Integrating LINQ into the Database Curriculum
Suzanne W. Dietrich and Mahesh Chaudhari
In Proceedings of ACM SIGCSE International Conference on Computer Science Education, Dallas, Texas, March 2011, pp. 293-298.
DOI=10.1145/1953163.1953251 <http://doi.acm.org/10.1145/1953163.1953251> [LINK](#)
- A Distributed Event Stream Processing Framework for Materialized Views over Heterogeneous Data Sources
Mahesh B. Chaudhari (supervised by Dr. Suzanne W. Dietrich)
VLDB 2010 Ph.D. Workshop, Singapore, Sept 13-17, 2010, pp. 13-18.[LINK](#)
- Metadata Services for Distributed Event Stream Processing Agents
Mahesh B. Chaudhari and Suzanne W. Dietrich
In the 19th International Conference on Software Engineering and Data Engineering (SEDE2010), San Francisco, June 16-18, 2010, pp. 307-312. [PDF](#)
- The LINQ between XML and Databases: A Gentle Introduction
Suzanne W. Dietrich and Mahesh B. Chaudhari
Journal of Computing in Small Colleges (CCSC Southwest 2010, Thousand Oaks, CA, March 26-27, 2010), Volume 25, Number 4, pp. 158-164, April 2010. [LINK](#)