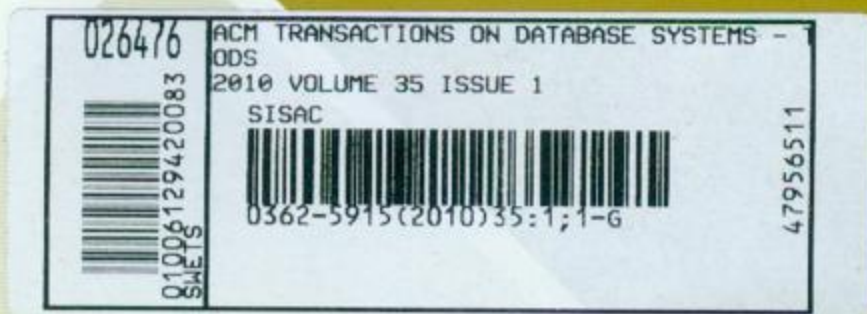


ACM Transactions on Database Systems



- Article 1** (47 pages) **T. M. Ghanem** Supporting Views in Data Stream Management Systems
A. K. Elmagarmid
P.-A. Larson
W. G. Aref
- Article 2** (52 pages) **K. Wu** Analyses of Multi-Level and Multi-Component Compressed Bitmap Indexes
A. Shoshani
K. Stockinger
- Article 3** (49 pages) **X. Lian** Reverse Skyline Search in Uncertain Databases
L. Chen
- Article 4** (36 pages) **N. Augsten** The *pq*-Gram Distance between Ordered Labeled Trees
M. Böhlen
J. Gamper
- Article 5** (32 pages) **S. Kolahi** An Information-Theoretic Analysis of Worst-Case Redundancy in Database Design
L. Libkin
- Article 6** (47 pages) **K. Schnaitter** Optimal Algorithms for Evaluating Rank Joins in Database Systems
N. Polyzotis
- Article 7** (47 pages) **A. A. Soror** Automatic Virtual Machine Configuration for Database Workloads
U. F. Minhas
A. Abounaga
K. Salem
P. Kokosielis
S. Kamath



Association for
Computing Machinery

Advancing Computing as a Science & Profession