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Titolo	17th International Conference on Data Engineering (ICDE 2001)
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Descrizione fisica	1 online resource (690 pages)
Disciplina	005.7565
Soggetti	Database management Database management - Evaluation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Proceedings 17th International Conference on Data Engineering [front matter] -- Exactly-once semantics in a replicated messaging system -- CORBA Notification Service: design challenges and scalable solutions -- Measuring and optimizing a system for persistent database sessions -- A temporal algebra for an ER-based temporal data model -- A split operator for now-relative bitemporal databases -- Incremental computation and maintenance of temporal aggregates -- The importance of extensible database systems for e-commerce -- E-business applications for supply chain management: challenges and solutions -- Model-based mediation with domain maps -- Processing queries with expensive functions and large objects in distributed mediator systems -- Tuning an SQL-based PDM system in a worldwide client/server environment -- Bundles in captivity: an application of superimposed information -- High-level parallelisation in a database cluster: a feasibility study using document services.
Sommario/riassunto	The proceedings of the April 2001 conference emphasize the engineering aspects of data management, but also consider data engineering in a wider sense that encompasses middleware, distributed systems and workflow. The 54 research papers are organized in 17 sessions that include temporal databases, data mining from patterns, time series, XML, nearest neighbor queries, and OLAP. Some of the topics are a temporal algebra for an ER-based temporal data model, workflow and process synchronization with interaction expressions and

graphs, model-based mediation with domain maps, B-tree indexes and CPU caches, the Skyline operator, and counting twig matches in a tree. In addition, there are 20 industry papers that focus on e-commerce, data warehousing, and mobility. No subject index. c. Book News Inc.
