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| 1. Record Nr.           | UNINA9910143601003321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Titolo                  | Database schema evolution and meta-modeling : 9th international workshop on foundations of models and languages for data and objects fomlado/demm 2000 dagstuhl castle, germany, september 18-21, 2000 selected papers / / edited by Herman Balsters, Bert de Brock, Stefan Conrad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pubbl/distr/stampa      | Berlin, Germany ; ; New York, United States : , : Springer, , [2001]<br>©2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ISBN                    | 3-540-48196-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Edizione                | [1st ed. 2001.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Descrizione fisica      | 1 online resource (X, 250 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Collana                 | Lecture Notes in Computer Science, , 0302-9743 ; ; 2065                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disciplina              | 005.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Soggetti                | Object-oriented databases<br>Database management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Note generali           | Bibliographic Level Mode of Issuance: Monograph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Nota di contenuto       | Invited Talk -- Schema Evolution in SQL-99 and Commercial (Object-) Relational DBMS -- Regular Papers -- Consistency Management in Runtime Evolving Concurrent Information Systems: A Co-nets-Based Approach -- Adaptive Specifications of Technical Information Systems -- Evolving the Software of a Schema Evolution System -- Schema Evolution and Versioning: A Logical and Computational Characterisation -- Temporal Branching as a Conflict Management Technique -- Evolving Relations -- QFD Matrix for Incremental Construction of a Warehouse via Data Marts -- Change Propagation in an Axiomatic Model of Schema Evolution for Objectbase Management Systems -- Evolving Objects: Conceptual Description of Adaptive Information Systems -- Extending the Object Query Language for Transparent Metadata Access -- A Metamodeling Approach to Evolution -- Defining Metrics for Conceptual Schema Evolution. |
| Sommario/riassunto      | The Ninth International Workshop on Foundations of Models and Languages for Data and Objects (FoMLaDO) took place in Dagstuhl Germany, September 18-21, 2000. The topic of this workshop was Database schema Evolution and Meta-Modeling; this FoMLaDO Workshop was hence assigned the acronym DEMM 2000. These post-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

proceedings contain the revised versions of the accepted papers of the DEMM 2000 workshop. Twelve regular papers were accepted for inclusion in the proceedings. The papers address the following issues: { Consistency of evolving concurrent information systems { Adaptive specifications of technical information systems { Change propagation in schema evolution of object-based systems { Evolving software of a schema evolution system { Logical characterization of schema evolution { Conflict management in integrated databases { Evolving relation schemas { Conceptual descriptions of adaptive information systems { OQL-extensions for metadata access { Metamodeling of schema evolution { Metrics for conceptual schema evolution { Incremental datawarehouse construction In addition to the regular papers, there is an invited paper by Can Turkmen on schema evolution in SQL99 and (object-)relational databases. Acknowledgements: We wish to thank the program committee members for their work on reviewing the submitted papers. We also wish to thank all authors for submitting papers to this workshop. Moreover, all participants of the workshop are thanked for contributing to lively discussions. Thanks also to Elke Rundensteiner, who delivered an invited talk on the SERF-project concerning flexible database transformations.

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