

1. Record Nr.	UNISA996466098203316
Titolo	Conceptual modeling-ER '98 : 17th International Conference on Conceptual Modeling, Singapore, November 16-19, 1998 : proceedings // Tok Wang Ling, Sudha Ram, Mong Li Lee (editors)
Pubbl/distr/stampa	Berlin ; ; Heidelberg ; ; New York : , : Springer, , [1998] ©1998
ISBN	3-540-49524-X
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XVI, 482 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1507
Disciplina	005.74
Soggetti	Database design
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 at the end of each chapters and index.
Nota di contenuto	Keynote 1: -- The Rise, Fall and Return of Software Industry in Japan -- Session 1: Conceptual Modeling and Design -- Conceptual Design and Development of Information Services -- An EER-Based Conceptual Model and Query Language for Time-Series Data -- Chrono: A Conceptual Design Framework for Temporal Entities -- Session 2: User Interface Modeling -- Designing Well-Structured Websites: Lessons to Be Learned from Database Schema Methodology -- Formalizing the Informational Content of Database User Interfaces -- Session 3: Information Retrieval on the Web -- A Conceptual-Modeling Approach to Extracting Data from the Web -- Information Coupling in Web Databases -- Structure-Based Queries over the World Wide Web -- Session 4: Semantics and Constraints -- Integrated Approach for Modelling of Semantic and Pragmatic Dependencies of Information Systems -- Inference of Aggregate Relationships through Database Reverse Engineering -- On the Consistency of Int-cardinality Constraints -- Panel 1: -- Realizing Next Generation Internet Applications: Are There Genuine Research Problems, or Is It Advanced Product Development? -- Keynote 2: -- Web Sites Need Models and Schemes -- Session 5: Conceptual Modeling Tools -- ARTEMIS: A Process Modeling and Analysis Tool Environment -- From Object Oriented Conceptual Modeling to Automated Programming in Java --

An Evaluation of Two Approaches to Exploiting Real-World Knowledge by Intelligent Database Design Tools -- Session 6: Quality and Reliability Metrics -- Metrics for Evaluating the Quality of Entity Relationship Models -- A Transformational Approach to Correct Schema Refinements -- The Guidelines of Modeling – An Approach to Enhance the Quality in Information Models -- Industrial Session 1: Industrial Experiences in Conceptual Modeling -- Improving the Quality of Entity Relationship Models—Experience in Research and Practice -- The Troll Approach to Conceptual Modelling: Syntax, Semantics, and Tools -- Process Failure in a Rapidly Changing High-Tech Organisation: A System Dynamics View -- Session 7: Object-Oriented Database Management Systems -- ROL2: A Real Deductive Object-Oriented Database Language -- Multiobjects to Ease Schema Evolution in an OODBMS -- Implementation of Automatic Lock Determination in C++-Based OODBMSs -- Panel 2: -- Do We Need Information Modeling for the Information Highway? -- Session 8: Data Warehousing -- Design and Analysis of Quality Information for Data Warehouses -- Data Warehouse Schema and Instance Design -- Reducing Algorithms for Materialized View Updates -- Industrial Session 2: Industrial Case Studies -- Reengineering Conventional Data and Process Models with Business Object Models: A Case Study Based on SAP R/3 and UML -- An Active Conceptual Model for Fixed Income Securities Analysis for Multiple Financial Institutions -- An Entomological Collections Database Model for INPA -- Session 9: Object-Oriented Approaches -- A Global Object Model for Accommodating Instance Heterogeneities -- On Formalizing the UML Object Constraint Language OCL -- Derived Horizontal Class Partitioning in OODBs: Design Strategies, Analytical Model, and Evaluation.
