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Soggetti	Computers Data structures (Computer science) Database management Software engineering Application software Information storage and retrieval Theory of Computation Data Structures and Information Theory Database Management Software Engineering Information Systems Applications (incl. Internet) Information Storage and Retrieval
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Nota di contenuto	MetaEdit+ A fully configurable multi-user and multi-tool CASE and CAME environment -- MENTOR: A Computer Aided Requirements Engineering environment -- A logic-based framework for reasoning support in software evolution -- TALE — A Temporal Active Language and Execution model -- DEGAS: Capturing dynamics in objects -- From rules to rule patterns -- Tool-based re-engineering of a legacy MIS: An experience report -- Developing an Information System using Troll — an application field study -- Active relationships for controlling the

propagation of information and activities in databases -- Multi-data models translations in interoperable information systems -- Interoperable transactions in business models — A structured approach -- On information modeling to support interoperable spatial databases -- Guidelines for formalizing Fusion object-oriented analysis models -- Techniques for process analysis and unification -- Handling conceptual model validation by planning -- Database design recovery -- The world-wide web as a platform for supporting interactive Concurrent Engineering -- Context-driven information base update -- Managing overlapping transactional workflows -- Shared data management mechanism for distributed software development based on a reflective object-oriented model -- Agent-based tool integration for distributed information systems -- When parents need not have children — Cognitive biases in information modeling -- The role of benchmarking in information system development -- User-enhanceability for organisational information systems through visual programming -- An integration method for design schemas -- Advanced primitives for changing schemas of object databases -- Views for information system design without reorganization -- Semantics, features, and applications of the viewpoint abstraction -- Relaxing the instantiation link: Towards a content-based data model for information retrieval -- Deriving normalized is_a hierarchies by using applicability constraints.

Sommario/riassunto

This book presents the refereed proceedings of the 8th International Conference on Advanced Information Systems Engineering, CAiSE '96, held in Herakleion, Crete, Greece, in May 1996. The 30 revised full papers included in the book were selected from a total of some 100 submissions. The book is organised in sections on CASE environments, temporal and active database technologies, experience reports, interoperability in information systems, formal methods in system development, novel architectures, workflow management and distributed information systems, information modelling, object-oriented database design, and semantic links and abstraction.
