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Soggetti	Computers Software engineering Computer simulation Database management Theory of Computation Software Engineering/Programming and Operating Systems Simulation and Modeling Database Management Software Engineering Models and Principles
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Nota di contenuto	Process improvement — The way forward -- A method for explaining the behaviour of conceptual models -- COLOR-X: Linguistically-based event modeling: A general approach to dynamic modeling -- Supporting transaction design in conceptual modelling of information systems -- Facet models for problem analysis -- A framework for requirements analysis using automated reasoning -- Towards a deeper understanding of quality in requirements engineering -- Modelling inheritance, composition and relationship links between objects, object versions and class versions -- Hypertext version management in an actor-based framework -- Modelling ways-of-working -- Modelling communication between cooperative systems -- Challenges in applying objects to large systems -- Feasibility of flexible information modelling

support -- A meta-model for business rules in systems analysis -- Metrics in method engineering -- InfoHarness: Use of automatically generated metadata for search and retrieval of heterogeneous information -- Designing the user interface on top of a conceptual model -- Graphical representation and manipulation of complex structures based on a formal model -- Providing integrated support for multiple development notations -- A federated approach to tool integration -- Domain knowledge reuse during requirements engineering -- Strategies and techniques: Reusable artifacts for the construction of database management systems -- The impact of new information architectures on industry and government transformation -- Standard transformations for the normalization of ER schemata -- The rapid application and database development (RADD) workbench — A comfortable database design tool -- A psychological study on the use of relationship concept Some preliminary findings -- Alignment of software quality and service quality -- A guide for software maintenance evaluation: Experience report -- Natural naming in software development: Feedback from practitioners.

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### Sommario/riassunto

This volume constitutes the proceedings of the 7th International Conference on Advanced Information Systems Engineering, CAiSE '95, held in Jyväskylä, Finland in June 1995. The 26 full papers presented in this volume were selected from more than 100 submissions; in addition there are three invited papers. Among the contributing authors are academics as well as information system practitioners from industry and administration. The volume is organized in sections on behaviour modelling, requirements engineering, OO concepts and applications, work and communication modelling, meta modelling, user interface issues, CASE integration, reuse, conceptual modelling issues, and software development issues.

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