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Nota di contenuto	Information systems modernization -- Planning support for cooperating transactions in EPOS -- Towards flexible process support with a CASE shell -- A collaborative process-centered environment kernel -- Building workflow applications on top of WooRKS -- Modeling cooperative work for workflow management -- IKUMI: A groupware development support system with visual environment -- Consistent development: Results of a first empirical study on the relation between project scenario and success -- Goal decomposition and scenario analysis in business process reengineering -- Reaching out for quality: Considering security requirements in the design of information systems -- Capturing semantics by object relativity -- Automated support for

the development of formal object-oriented requirements specifications -- Abstraction forms in object-oriented conceptual modeling: Localization, aggregation and generalization extensions -- Capturing information systems requirements through enterprise and speech act modelling -- Dynamic modelling with events -- Representation and communication in information systems — A speech act based approach -- From analysis to code generation: Experiences from an information engineering project using I-CASE technology -- A Knowledge-Based Program Transformation System -- Concept bases: A support to information systems integration -- Formalisation of data and process model reuse using hierarchic data types -- Modeling multiple views of common features in software reengineering for reuse -- A hypertext-based tool for large scale software reuse -- An approach to schema integration based on transformations and behaviour -- Deriving transaction specifications from Deductive Conceptual Models of information systems -- Utilizing behavioral abstractions to facilitate maintenance during class evolution -- A process view of methodologies -- Specifying software specification & design methods -- A generic approach to support a way-of-working definition -- Designing a user-oriented query modification facility in object-oriented database systems -- Using visual ER query systems in real world applications -- Category classes: Flexible classification and evolution in object-oriented databases.

| Sommario/riassunto | This volume presents the proceedings of the sixth International Conference on Advanced Information Systems Engineering, held in Utrecht, The Netherlands, in June 1994. The 30 contributions by researchers from industry and academia and by ambitioned professionals were selected from a total of 130 submissions after a highly competetive refereering process. The papers are organized in sections on development process support, workflow management, management and quality, object-oriented requirements engineering, behavioural modelling, advanced development tools, reuse, formal IS modelling, method engineering, and advanced database engineering. In total, the volume gives a thorough state-of-the-art report on current research and advanced applications in advanced information systems engineering. |