1. Record Nr. UNISA996465841603316

Titolo	Advanced Information Systems Engineering [[electronic resource]] : Second Nordic Conference CAiSE '90, Stockholm, Sweden, May 8-10, 1990, Proceedings / / edited by Bo Steinholtz, Arne Soelvberg, Lars Bergman
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1990
ISBN	3-540-47078-6
Edizione	[1st ed. 1990.]
Descrizione fisica	1 online resource (IX, 396 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 436
Disciplina	005.1
Soggetti	Computers Software engineering Database management Theory of Computation Software Engineering Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	CASE in the '90 s -- CASE in action: IEF at Nykredit -- FOUNDATION — CASE tools for the success of the French Stock Exchange -- A common repository and information model — A base for integration of development tools -- Experiences with the use of CASE-tools in the Netherlands -- Making CASE work -- CASE tools and Software Factories -- Selecting system development tools: Some experiences -- Software configuration management for medium-size systems -- Automated support of the modelling process: A view based on experiments with expert information engineers -- Software process modelling in EPOS -- A communication oriented approach to conceptual modelling of information systems -- Correction of conceptual schemas -- A natural language interpreter for the construction of conceptual schemas -- How to combine tools and methods in practice— a field study -- Application of relational normalforms in CASE-tools -- The conceptual task model: a specification technique between requirements

engineering and program development (extended abstract) -- Rule-based requirements specification and validation -- Requirements specification in TEMPORA -- ESPRIT today — An overview -- ESPRIT at the age of seven — its industrial impact seen from a participant's viewpoint -- From software engineering to business engineering: ESPRIT projects in information systems engineering -- Quality auditing: The necessary step towards the required quality Objectives -- Quality engineering: Designing for quality — the SW engineering challenge -- Quality control: A cornerstone to quality — measurement and motivation are key issues -- Quality management: The business asset and its competitive advantage -- Software prototyping: Implications for the people involved in systems development -- Experiences from prototyping -- IRIS — A mapping assistant for generating designs from requirements -- Recast: A tool for reusing requirements -- A design tool for object oriented databases.

Sommario/riassunto

The Nordic Conference on Advanced Information Systems Engineering (CAiSE) is an annual international conference for users, developers and researchers of information systems technology and methodology. A distinctive characteristic of the CAiSE conference series is the objective to appeal to advanced practitioners as well as to researchers, and to promote communication between the two groups. In this second CAiSE conference, the program was divided into two types of sessions that were not run in parallel: Technical Paper sessions, with formally reviewed technical papers, and Practice and Experience sessions, with invited speakers and panel discussions. The proceedings include the formally reviewed technical papers and abstracts of the invited presentations. The technical papers present important international (mainly European) work in Information Systems Engineering within such areas as conceptual modelling, prototyping, requirements engineering, design support, software process modelling, tool design, and tool experiences. The abstracts of invited speakers' presentations give an indication of current best industrial practice.

2. Record Nr. UNINA9910824910603321

Autore	Anselmet Fabien
Titolo	Turbulent multiphase flows with heat and mass transfer / / authors Fabien Anselmet, Roland Borghi
Pubbl/distr/stampa	London, England ; ; Hoboken, New Jersey : , : ISTE Ltd : , : John Wiley & Sons, , 2014 ©2014
ISBN	1-118-79019-7 1-118-79005-7 1-118-79007-3
Descrizione fisica	1 online resource (469 p.)
Collana	ISTE
Altri autori (Persone)	BorghiRoland
Disciplina	620.1064
Soggetti	Multiphase flow Heat - Transmission Mass transfer
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title page; Table of Contents; Acknowledgments; Introduction; PART 1. APPROACH AND GENERAL EQUATIONS; Chapter 1. Towards a Unified Description of Multiphase Flows; 1.1. Continuous approach and kinetic approach; 1.2. Eulerian-Lagrangian and Eulerian formulations; Chapter 2. Instant Equations for a Piecewise Continuous Medium; 2.1. Integral and differential forms of balance equations; 2.2. Phase mass balance equations in a piecewise continuous medium; 2.3. Momentum balances; 2.4. Energy balances; 2.5. Position and interface area balance equations 2.6. Extension for a fluid phase that is a mixture2.7. Completing the description of the medium; Chapter 3. Description of a ""Mean Multiphase Medium""; 3.1. The need for a mean description; 3.2. How are mean values defined?; 3.2.1. Temporal average; 3.2.2. Volumetric average; 3.2.3. Statistical average; 3.2.4. Filtered average; 3.3. Which average to choose, according to their advantages and disadvantages?; Chapter 4. Equations for the Mean Continuous Medium; 4.1. Global balance equations for the mean medium; 4.1.1. Total mass; 4.1.2. Total