

1. Record Nr.	UNISA996465664103316
Titolo	Algebraic Methodology and Software Technology [[electronic resource]] : 5th International Conference, AMAST '96 Munich, Germany, July 1996. Proceedings / / edited by Martin Wirsing, Maurice Nivat
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1996
ISBN	3-540-68595-2
Edizione	[1st ed. 1996.]
Descrizione fisica	1 online resource (XIII, 647 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1101
Disciplina	005.1/2/015113
Soggetti	Computers Software engineering Computer logic Mathematical logic Special purpose computers Theory of Computation Software Engineering/Programming and Operating Systems Logics and Meanings of Programs Mathematical Logic and Formal Languages Software Engineering Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Two industrial trials of formal specification -- Industrial applications of ASF+SDF -- The embedded software of an electricity meter: An experience in using formal methods in an industrial project -- Applying research results in the industrial environment: The case of the TRIO specification language -- Using heterogeneous formal methods in distributed software engineering education -- Introducing formal methods to software engineers through OMG's CORBA environment and interface definition language -- Toward a classification approach to design -- Semantic foundations for embedding HOL in Nuprl -- Free variable tableaux for a many sorted logic with preorders -- Automating induction over mutually recursive functions -- Pushouts of order-

sorted algebraic specifications -- A formal framework for modules with state -- Object-oriented implementation of abstract data type specifications -- On the completeness of the equations for the Kleene star in bisimulation -- An equational axiomatization of observation congruence for prefix iteration -- Finite axiom systems for testing preorder and De Simone process languages -- Constructive semantics of Esterel: From theory to practice (abstract) -- Using ghost variables to prove refinement -- Tracing the origins of verification conditions -- Preprocessing for invariant validation -- Formal verification of Signal programs: Application to a power transformer station controller -- The discrete time toolbus -- A study on the specification and verification of performance properties -- Symbolic bisimulation for timed processes -- Approximative analysis by process algebra with graded spatial actions -- Boolean formalism and explanations -- Proving existential termination of normal logic programs -- Programming in Lygon: An overview -- Some characteristics of strong innermost normalization -- On the emergence of properties in component-based systems -- Algebraic view specification -- Towards heterogeneous formal specifications -- A categorical characterization of consistency results -- Algebraic specification of reactive systems -- A model for mobile point-to-point data-flow networks without channel sharing -- Coalgebraic specifications and models of deterministic hybrid systems -- A bounded retransmission protocol for large data packets -- SPECWARE: An advanced environment for the formal development of complex software systems -- Asspegique+ an integrated specification environment providing inter-operability of tools -- Towards integrating algebraic specification and functional programming: the Opal system -- InterACT: An interactive theorem prover for algebraic specifications -- A new proof-manager and graphic interface for the Larch Prover -- TERSE: A visual environment for supporting analysis, verification and transformation of term rewriting systems -- The ToolBus coordination architecture -- ASD: The action semantic description tools -- Using occurrence and evolving algebras for the specification of language-based programming tools -- ECHIDNA: A system for manipulating explicit choice higher dimensional automata -- Verification using PEP -- The Fc2tools set -- Programming in Lygon: A system demonstration -- CtCoq: A system presentation -- The Typelab specification and verification environment -- Incremental formalization -- Proplane: A specification development environment -- A logic-based technology to mechanize software components reuse -- TkGofer: A functional GUI library -- ALPHA — A class library for a metamodel based on algebraic graph theory -- Resolution of goals with the functional and logic programming language LPG: Impact of abstract interpretation -- Combining reductions and computations in ReDuX -- Conditional directed narrowing.

Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Algebraic Methodology and Software Technology, AMAST '96, held in Munich, Germany, in July 1996. The book presents 25 revised full papers selected from a total of 67 submissions and 23 system demonstrations; also included are six invited talks and six invited presentations of the AMAST Education Day on industrial applications of formal methods. The full papers are organized in topical sections on theorem proving, algebraic specification, concurrent and reactive systems, program verification, logic programming and term rewriting, and algebraic and logical foundations.

2. Record Nr.	UNINA9910484085103321
Titolo	Future Multimedia Networking : Second International Workshop, FMN 2009, Coimbra, Portugal, June 22-23, 2009, Proceedings // edited by Andreas Mauthe, Sherali Zeadally, Eduardo Cerqueira, Marília Curado
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	1-280-38304-6 9786613560957 3-642-02472-6
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 262 p.)
Collana	Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 5630
Classificazione	DAT 250f DAT 670f SS 4800
Altri autori (Persone)	MautheAndreas
Disciplina	004
Soggetti	Application software Computer networks Multimedia systems Computers, Special purpose Electronic digital computers - Evaluation Data structures (Computer science) Information theory Computer and Information Systems Applications Computer Communication Networks Multimedia Information Systems Special Purpose and Application-Based Systems System Performance and Evaluation Data Structures and Information Theory
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 and index.
Nota di contenuto	Streaming and Voice Services in Future Multimedia Networks -- Enhancing TFRC for Video Streaming by Agnostically Using Applicative Cross Layer Semantics and Measure -- ILPS: A Scalable Multiple

Description Coding Scheme for H.264 -- Arrival Process-Controlled Adaptive Media Playout for Video Streaming -- A Multicast-Based Enterprise VoIP Service Architecture: MEVA -- Wireless and ad-hoc Networks in Autonomic Content Networking -- Distributed Information Forwarding Using Delay Function in Wireless Mobile Networks -- A Seamless Mobility Scenario for IP over WiMAX -- Performance Evaluation of the Split Transmission in Multihop Wireless Networks -- Group and Multiparty Services in Autonomic Content Networks -- Employing Data Driven Random Membership Subset Algorithm for QoS-Aware Peer-to-Peer Streaming -- OASIS: An Overlay Abstraction for Re-architecting Large Scale Internet Group Services -- Interest-Based Peer-to-Peer Group Management -- Multiparty Session and Network Resource Control in the Context Casting (C-CAST) Project -- Quality in Video and Internet Services -- A Scalable Provisioning and Routing Scheme for Multimedia QoS over Ad Hoc Networks -- Realization of Free Viewpoint TV Based on Improved MVC -- A Non-intrusive Estimation for High-Quality Internet TV Services -- A Mathematical Model for Evaluating the Perceptual Quality of Video -- Effect of the Multiple Description Coding over a Hybrid Fixed-AdHoc Video Distribution Network -- Poster/Demo Session -- Speaker Verification System Using Extended Sequential Probability Ratio Test in PDA -- A Data Model for Content Modelling of Temporal Media -- The Design of a Low-Cost Wide Area Network Simulator -- Demonstrating Autonomic On-Demand Content Delivery -- A Real-Time End-to-End Testbed for Evaluating the Performance of Multimedia Services -- Meetecho: A Standard Multimedia Conferencing Architecture -- Portable Device-Centric Streaming Service -- Allocation of Multiple Advertisement on Limited Space: Heuristic Approach -- Performance Evaluations of a QoE-Based Multipath Video Streaming Mechanism over Video Distribution Network (VDN) -- Video Artifacts Assessment for Live Mobile Streaming Applications -- H.264 Rate-Distortion Analysis Using Subjective Quality Metric -- OASIS Archive – Open Archiving System with Internet Sharing.

Sommario/riassunto

This book constitutes the thoroughly refereed proceedings of the Future Multimedia Networking Workshop, FMN 2009, held in Coimbra, Portugal, in June 2009. This year's workshop focuses on various aspects of multimedia systems, content networking, and autonomous communication. The 16 revised papers presented were carefully reviewed and selected from 64 submissions. Further this year a demonstration session on Future Multimedia Networks was held from which 12 papers were accepted. The papers are organized in topical sections on streaming and voice services in future multimedia networks; wireless & ad hoc networks in autonomic content networking ; group and multiparty services in autonomic content networking, as well as quality in video and internet services.
