

1. Record Nr.	UNISA996465330903316
Titolo	Formal Techniques in Real-Time and Fault-Tolerant Systems [[electronic resource]] : Second International Symposium, Nijmegen, The Netherlands, January 8-10, 1992. Proceedings / / edited by Jan Vytopil
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1991
ISBN	3-540-46692-4
Edizione	[1st ed. 1991.]
Descrizione fisica	1 online resource (XII, 628 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 571
Disciplina	004/.33
Soggetti	Computers Applied mathematics Engineering mathematics Mathematical logic Computer logic Probabilities Statistics Theory of Computation Applications of Mathematics Mathematical Logic and Foundations Logics and Meanings of Programs Probability Theory and Stochastic Processes Statistics, general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	ISL: An interval logic for the specification of real-time programs -- Duration specifications for shared processors -- A compositional semantics for fault-tolerant real-time systems -- Modelling real-time behavior with an interval time calculus -- Multicycles and RTL logic satisfiability -- Voluntary preemption: A tool in the design of hard real- time systems -- Observing task preemption in Ada 9X -- Real-time scheduling by queue automata -- Broadcast communication for real-

time processes -- Analysis of timeliness requirements in safety-critical systems -- Verification of a reliable net protocol -- Mechanical verification of a generalized protocol for Byzantine fault tolerant clock synchronization -- Formal specification and verification of a fault-masking and transient-recovery model for digital flight-control systems -- On fault-tolerant symbolic computations -- Temporal logic applied to reliability modelling of fault-tolerant systems -- Specifying asynchronous transfer of control -- Protocol design by layered decomposition -- Scheduling in Real-Time Models -- A temporal approach to requirements specification of real-time systems -- RLucid, a general real-time dataflow language -- A mechanized theory for the verification of real-time program code using higher order logic -- Specification and verification of real-time behaviour using Z and RTL -- TAM: A formal framework for the development of distributed real-time systems -- An attempt to confront asynchronous reality to synchronous modelization in the ESTEREL language -- The real-time behaviour of asynchronously communicating processes -- Asynchronous communication in real space process algebra -- Translating timed process algebra into prioritized process algebra -- Operational semantics for timed observations -- Real-timed concurrent refineable behaviours -- Stepwise development of model-oriented real-time specifications from action/event models -- Formal specification of fault tolerant real time systems using minimal 3-sorted modal logic -- Timed and Hybrid Statecharts and their textual representation.

Sommario/riassunto

This book presents state-of-the-art research results in the area of formal methods for real-time and fault-tolerant systems. The papers consider problems and solutions in safety-critical system design and examine how well the use of formal techniques for design, analysis and verification serves in relating theory to practical realities. The book contains papers on real-time and fault-tolerance issues. Formal logic, process algebra, and action/event models are applied: - to specify and model qualitative and quantitative real-time and fault-tolerant behavior, - to analyze timeliness requirements and consequences of faulty hypotheses, - to verify protocols and program code, - to formulate formal frameworks for development of real-time and fault-tolerant systems, - to formulate semantics of languages. The integration and cross-fertilization of real-time and fault-tolerance issues have brought new insights in recent years, and these are presented in this book.

2. Record Nr.	UNISA996466033303316
Titolo	Neural Information Processing [[electronic resource]] : 13th International Conference, ICONIP 2006, Hong Kong, China, October 3-6, 2006, Proceedings, Part I / / edited by Jun Wang, Laiwan Chan, DeLiang Wang
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-46480-8
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XLVI, 1164 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 4232
Disciplina	006.3
Soggetti	Artificial intelligence Computer science Information technology—Management Application software Database management Computer vision Artificial Intelligence Theory of Computation Computer Application in Administrative Data Processing Computer and Information Systems Applications Database Management Computer Vision
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	Neurobiological Modeling and Analysis -- Cognitive Processing -- Mathematical Modeling and Analysis -- Learning Algorithms -- Support Vector Machines -- Self-Organizing Map -- Independent Component Analysis and Blind Source Separation -- Erratum.

3. Record Nr.	UNIORUON00471789
Autore	LIMONE, Giuseppe
Titolo	Tempo della persona e sapienza del possibile. 2: Per una teoria, una critica e una metaforica del personalismo / Giuseppe Limone
Pubbl/distr/stampa	Napoli, : Edizioni Scientifiche Italiane, 1990
ISBN	88-7104-343-X
Descrizione fisica	558 p. ; 21 cm.
Disciplina	194
Soggetti	Personalismo
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia