1. Record Nr. UNINA9910135410003321

Titolo	An American national standard IEEE standard for mechanical core specifications for microcomputers
Pubbl/distr/stampa	New York : , : IEEE, , 1988
ISBN	0-7381-4593-9
Descrizione fisica	1 online resource (61 pages)
Disciplina	621.3916
Soggetti	Microcomputers - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The basic dimensions of a range of modular subracks conforming to IEC 60297-3 (1984-01) and IEC 60297-4 (1995-03) for mounting in equipment according to IEC 60297-1 (1986-09) and ANSI/EIA 310-D-1992, together with the basic dimensions of a compatible range of plug-in units, printed boards, and backplanes, are covered. The dimensions and tolerances necessary to ensure mechanical function compatibility are provided. This standard offers total system integration guidelines with attendant advantages, such as reduction in design and development time, manufacturing cost savings, and distinct marketing advantages.

2. Record Nr. UNINA9910484805403321

Titolo	Model Checking Software : 17th International SPIN Workshop, Enschede, The Netherlands, September 27-29, 2010, Proceedings / / edited by Jaco van der Pol, Michael Weber
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	9786613567512 9781280389597 1280389591 9783642161643 3642161642
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (X, 263 p. 70 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6349
Altri autori (Persone)	PolJaco van de WeberMichael (Michael F.)
Disciplina	005.1
Soggetti	Software engineering Compilers (Computer programs) Computer programming Computer science Machine theory Software Engineering Compilers and Interpreters Programming Techniques Computer Science Logic and Foundations of Programming Formal Languages and Automata 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	Satisfiability Modulo Theories for Model Checking -- SMT-Based Software Model Checking -- Symbolic Object Code Analysis -- Model Checking in Context -- Experimental Comparison of Concolic and Random Testing for Java Card Applets -- Combining SPIN with ns-2 for Protocol Optimization -- Automatic Generation of Model Checking Scripts Based on Environment Modeling -- Implementation and

Performance of Model Checking -- Model Checking: Cleared for Take Off -- Context-Enhanced Directed Model Checking -- Efficient Explicit-State Model Checking on General Purpose Graphics Processors -- The SpinJa Model Checker -- LTL and Büchi Automata -- On the Virtue of Patience: Minimizing Büchi Automata -- Enacting Declarative Languages Using LTL: Avoiding Errors and Improving Performance -- Nevertrace Claims for Model Checking -- Infinite State Models -- A False History of True Concurrency: From Petri to Tools -- Analysing Mu-Calculus Properties of Pushdown Systems -- Time-Bounded Reachability in Distributed Input/Output Interactive Probabilistic Chains -- An Automata-Based Symbolic Approach for Verifying Programs on Relaxed Memory Models -- Concurrent Software -- Context-Bounded Translations for Concurrent Software: An Empirical Evaluation -- One Stack to Run Them All.

Sommario/riassunto

This volume contains the proceedings of the 17th International SPIN Workshop on Model Checking Software (SPIN 2010). The workshop was organized by and held at the University of Twente, The Netherlands, on 27-29 September 2010. The workshop was co-located with the 5th International Conference on Graph Transformation (ICGT 2010) and several of its satellite workshops, and with the joint PDMC and HiBi workshops, on Parallel and Distributed Methods for veri?Cation and on High-performance computational systems Biology. The SPIN workshopis a forum for practitioners and researchersinterested in state-spaceanalysisofsoftware-intensivesystems. Thisisapplicableinparticular to concurrent and asynchronous systems, including protocols. The name of the workshop re'ects the SPIN model checking tool by Gerard J. Holzmann, which won the ACM System Software Award 2001, and is probably the most widely used industrial-strength model checker around. The focus of the workshop is on theoretical advances and extensions, al- rithmic improvements, and empirical evaluation studies of (mainly) state-based modelcheckingtechniques, asimplementedintheSPINmodelcheckerandother tools. The workshop encourages interaction and exchange of ideas with all - lated areas in software engineering. To this end, we co-located SPIN 2010 with the graph transformation, and high-performance analysis communities. This year, we received 33 submissions, divided between 29 regular and 4 tool papers.Eachpaperwasrigorouslyreviewedbyatleastfourreviewers, andjudged onitsqualityandits signi'canceandrelevanceforSPIN. Weaccepted13regular papers, and 2 tool papers for presentation and for publication in this volume.