

TEXTS AND MONOGRAPHS IN COMPUTER SCIENCE

LARCH: LANGUAGES AND TOOLS FOR FORMAL SPECIFICATION

John V. Guttag/James J. Horning

with S.J. Garland, K.D. Jones, A. Modet, and J.M. Wing



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Larch Languages And Tools For Formal Specification

Allen Kent, James G. Williams



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verifiable formal specifications The book introduces several formal specification techniques and illustrates the expressive power of each technique with a number of examples

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Encyclopedia of Computer Science and Technology Allen Kent, James G. Williams, 1998-02-18 Algorithms for Designing Multimedia Storage Servers to Models and Architectures

ZUM '95: The Z Formal Specification Notation Jonathan P. Bowen, 1995-08-23 This book presents the proceedings of the 9th International Conference of Z Users ZUM 95 held in Limerick Ireland in September 1995 The book contains 34 carefully selected papers on Z using Z applications of Z proof testing industrial usage object orientation animation of specification method integration and teaching formal methods Of particular interest is the inclusion of an annotated Z bibliography listing 544 entries While focussing on Z by far the most commonly used formal

method both in industry and application the volume is of high relevance for the whole formal methods community Formal Description Techniques ,1996 **Technology of Object-oriented Languages, TOOLS 24** Jian Chen,1998 This volume covers topics including performance evaluation of objects with roles design of flexible class library management systems assembling software with the reusable components in a library and object oriented technology transfer to multiprocessor system level synthesis Algebraic Methodology and Software Technology ,2002 **ACM SIGPLAN Notices** ,2006 *Proceedings* ,1997 Metrics and quality assurance knowledge and logic based systems object orientated techniques validation and verification distributed and mobile systems software design methodology software process user interaction and testing software are some of the areas examined in this book Object-oriented Technology ,1999 **Sixth International Conference on Tools with Artificial Intelligence** ,1994 **1998 Asia Pacific Software Engineering Conference** ,1998 Partial Contents Architecture Framework Formal Methods Metrics Software Design Methodology Validation UML Software Development Environment Object Oriented Techniques Distributed User Interface *SIGSOFT '95* Gail E. Kaiser,1995 *Tools and Algorithms for the Construction and Analysis of Systems* ,1998 TAPSOFT '93 Marie-Claude Gaudel,Jean-Pierre Jouannaud,1993 This volume contains the proceedings of the fourth International Joint Conference on the Theory and Practice of Software Development TAPSOFT 93 Since the first in 1985 the aim of these conferences has been to bring together theoretical computer scientists and researchers in software engineering with a view to discussing how formal methods can usefully be applied in software development TAPSOFT 93 consists of three parts an advanced seminar the Colloquium on Trees in Algebra and Programming CAAP and the Colloquium on Formal Approaches of Software Engineering FASE The advanced seminar includes four invited surveys and four invited conferences The selected papers for CAAP are organized in seven sessions specifications and proofs concurrency automata and counting constraints solving rewriting logic and trees analysis of algorithms and a common session with FASE on type inference The selected papers for FASE are presented in eight sessions case studies in formal design and development compositionality modules and development formal development foundations and analysis of formal specifications verification of concurrent systems model checking parallel calculus and a common session with CAAP on type inference PUBLISHER S WEBSITE *Proceedings* VHDL International. Users Forum,1997 **Predictably Dependable Computing Systems** Brian Randell,Jean-Claude Laprie,Hermann Kopetz,Bev Littlewood,2013-11-11 **ECOOP ...** ,2004

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