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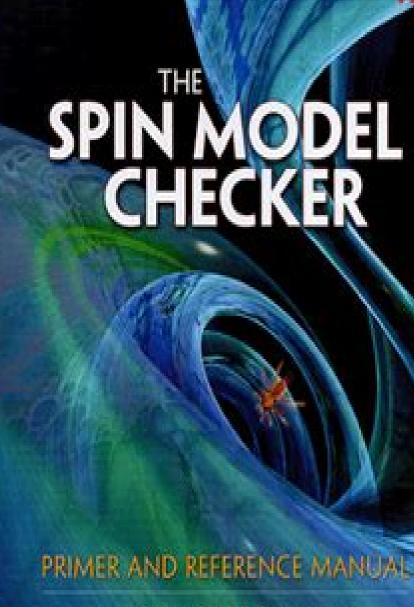
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Gerard J. Holzmann

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application domains are beginning to be exploited for modelling and analyzing intended computing systems before the expensive c mitment is made to real programs and hardware Recent years have seen major improvements in the cost e ectiveness of tools supporting the exploitation of theories through proof model checking and testing Against this encouraging background we are pleased to present papers that show something of the live ness and diversity of research in theoretical aspects of computing today ICTAC 2008 the 5th International Colloquium on Theoretical Aspects of Computing was held on 1 3 September 2008 in Istanbul Turkey hosted by banc University The ICTAC series was founded by the International Institute for Software Technology of the United Nations University UNU IIST It brings together practitioners and researchers from academia industry and government to present results and to exchange ideas and experience addressing challenges in both theoretical aspects of computing and in the exploitation of theory through methods and tools for system development Theseries also promotes cooperation in research and education between participants and their institutions from veloping and industrial countries in accordance with the mandate of the United Nations University The previous ICTAC colloquia were held in Guiyang China 2004 LNCS 3407 Hanoi Vietnam 2005 LNCS 3722 Tunis Tunisia 2006 LNCS 4281 and Macau SAR China 2007 LNCS 4711 Perspectives of System Informatics Andrei Voronkov, Irina Virbitskaite, 2015-04-20 This book contains the thoroughly refereed papers from the 9th International Ershov Informatics Conference PSI 2014 held in St Petersburg Russia in June 2014 The 17 revised full papers 11 revised short papers and 2 system and experimental papers presented in this book were carefully reviewed and selected from 80 submissions. The volume also contains 5 keynote talks which cover a range of hot topics in computer science and informatics The papers cover various topics related to the foundations of program and system development and analysis programming methodology and software engineering and information technologies Formal Methods for Components and Objects Frank S. de Boer, Marcello M. Bonsangue, Susanne Graf, Willem-Paul de Roever, 2006-09-30 This book presents 19 revised invited keynote lectures and revised tutorial lectures given at the 4th International Symposium on Formal Methods for Components and Objects FMCO 2005 Amsterdam November 2005 The book provides a unique combination of ideas on software engineering and formal methods that reflect the current interest in the application or development of formal methods for large scale software systems such as component based systems and object systems

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