

Contents

SAT-Based Combinational and Sequential Dependency Computation.	1
<i>Mathias Soeken, Pascal Raiola, Baruch Sterin, Bernd Becker, Giovanni De Micheli, and Matthias Sauer</i>	
Multi-core SCC-Based LTL Model Checking	18
<i>Vincent Bloemen and Jaco van de Pol</i>	
Gating Aware Error Injection	34
<i>Eli Arbel, Erez Barak, Bodo Hoppe, Shlomit Koyfman, Udo Krautz, and Shiri Moran</i>	
ddNF: An Efficient Data Structure for Header Spaces	49
<i>Nikolaj Bjørner, Garvit Juniwal, Ratul Mahajan, Sanjit A. Seshia, and George Varghese</i>	
Probabilistic Fault Localisation	65
<i>David Landsberg, Hana Chockler, and Daniel Kroening</i>	
Iterative User-Driven Fault Localization	82
<i>Xiangyu Li, Marcelo d'Amorim, and Alessandro Orso</i>	
Improving Efficiency and Accuracy of Formula-Based Debugging	99
<i>Wei Jin and Alessandro Orso</i>	
Improving Priority Promotion for Parity Games	117
<i>Massimo Benerecetti, Daniele Dell'Erba, and Fabio Mogavero</i>	
Synthesis of Admissible Shields	134
<i>Laura Humphrey, Bettina Könighofer, Robert Könighofer, and Ufuk Topcu</i>	
Probabilistic Hybrid Systems Verification via SMT and Monte Carlo Techniques	152
<i>Fedor Shmarov and Paolo Zuliani</i>	
Formula Slicing: Inductive Invariants from Preconditions	169
<i>Egor George Karpenkov and David Monniaux</i>	

Advancing Software Model Checking Beyond Linear Arithmetic Theories . . .	186
<i>Ahmed Mahdi, Karsten Scheibler, Felix Neubauer, Martin Fränzle, and Bernd Becker</i>	
Predator Shape Analysis Tool Suite	202
<i>Lukáš Holík, Michal Kotoun, Petr Peringer, Veronika Šoková, Marek Trtík, and Tomáš Vojnar</i>	
Author Index	211



<http://www.springer.com/978-3-319-49051-9>

Hardware and Software: Verification and Testing
12th International Haifa Verification Conference, HVC
2016, Haifa, Israel, November 14-17, 2016,
Proceedings
Bloem, R.; Arbel, E. (Eds.)
2016, XVI, 211 p. 60 illus., Softcover
ISBN: 978-3-319-49051-9