Contents

Formalization and Execution of Linear Algebra: From Theorems to Algorithms ................................................................. 1
   Jesús Aransay and Jose Divasón

Information Flow in Object-Oriented Software .......................................................... 19
   Bernhard Beckert, Daniel Bruns, Vladimir Klebanov, Christoph Scheben, Peter H. Schmitt, and Mattias Ulbrich

A Transformational Approach to Resource Analysis with Typed-Norms ........ 38
   Elvira Albert, Samir Genaim, and Raúl Gutiérrez

A Finite Representation of the Narrowing Space .................................................. 54
   Naoki Nishida and Germán Vidal

Energy Consumption Analysis of Programs Based on XMOS ISA-Level Models ............................................................... 72
   Umer Liqat, Steve Kerrison, Alejandro Serrano, Kyriakos Georgiou, Pedro Lopez-Garcia, Neville Grech, Manuel V. Hermenegildo, and Kerstin Eder

From Outermost Reduction Semantics to Abstract Machine ...................... 91
   Olivier Danvy and Jacob Johannsen

Towards Erlang Verification by Term Rewriting ......................................... 109
   Germán Vidal

Extending Co-logic Programs for Branching-Time Model Checking .......... 127
   Hirohisa Seki

Towards the Implementation of a Source-to-Source Transformation Tool for CHR Operational Semantics ........................................... 145
   Ghada Fakhry, Nada Sharaf, and Slim Abdennadher

A Logical Encoding of Timed π-Calculus .............................................. 164
   Neda Saeedloei

A New Hybrid Debugging Architecture for Eclipse ................................... 183
   Juan González, David Insa, and Josep Silva
Logic-Based Program Synthesis and Transformation
23rd International Symposium, LOPSTR 2013, Madrid, Spain, September 18–19, 2013, Revised Selected Papers
Gupta, G.; Peña, R. (Eds.)
2014, XII, 237 p. 51 illus., Softcover
ISBN: 978-3-319-14124-4