

Table of Contents

LOPSTR

Logic Frameworks for Logic Programs <i>D.A. Basin (Max-Planck-Institut für Informatik, Saarbrücken, Germany)</i>	1
An Extended Transformation System for CLP Programs <i>N. Bensaou, I. Guessarian (LITP - Université Paris 6, France)</i>	17
Using Call/Exit Analysis for Logic Program Transformation <i>D. Boulanger, M. Bruynooghe (Katholieke Universiteit Leuven, Belgium)</i>	36
A Transformation System for Definite Programs Based on Termination Analysis <i>J. Cook, J.P. Gallagher (University of Bristol, United Kingdom)</i>	51
On the Use of Inductive Reasoning in Program Synthesis: Prejudice and Prospects <i>P. Flener (Bilkent University, Ankara, Turkey)</i> <i>L. Popelínský (Masaryk University, Brno, Czech Republic)</i>	69
Transforming Specifications of Observable Behaviour into Programs <i>D. Gilbert (City University, London, United Kingdom)</i> <i>C. Hogger (Imperial College, London, United Kingdom)</i> <i>J. Zlatuška (Masaryk University, Brno, Czech Republic)</i>	88
On Specification Frameworks and Deductive Synthesis of Logic Programs <i>K.-K. Lau (University of Manchester, United Kingdom)</i> <i>M. Ornaghi (Università degli Studi di Milano, Italy)</i>	104
Partial Evaluation of the "Real Thing" <i>M. Leuschel (Katholieke Universiteit Leuven, Belgium)</i>	122
Schema-Based Top-Down Design of Logic Programs Using Abstract Data Types <i>E. Marakakis, J.P. Gallagher (University of Bristol, United Kingdom)</i>	138
Generalizing Extended Execution for Normal Programs <i>S. Renault (INRIA-Rocquencourt, Le Chesnay, France)</i>	154
Partial Deduction of Disjunctive Logic Programs: A Declarative Approach <i>C. Sakama (ASTEM Research Institute of Kyoto, Japan)</i> <i>H. Seki (Nagoya Institute of Technology, Japan)</i>	170

Avoiding Non-Termination when Learning Logical Programs: A Case Study with FOIL and FOCL	183
<i>G. Semeraro, F. Esposito, D. Malerba (Università degli Studi di Bari, Italy)</i>	
<i>C. Brunk, M. Pazzani (University of California, Irvine, U.S.A.)</i>	
Propagation of Inter-Argument Dependencies in Tuple-Distributive Type Inference Systems	199
<i>C. Solnon, M. Rueher (I3S, UNSA/CNRS, Sophia Antipolis, France)</i>	
Logic Programming and Logic Grammars with First-Order Continuations	215
<i>P. Tarau (Université de Moncton, Canada)</i>	
<i>V. Dahl (Simon Fraser University, Burnaby, Canada)</i>	
Improving the Whelk System: A Type-Theoretic Reconstruction	231
<i>G. A. Wiggins (University of Edinburgh, United Kingdom)</i>	
META	
A Model of Costs and Benefits of Meta-Level Computation	248
<i>F. van Harmelen (University of Amsterdam, The Netherlands)</i>	
A Basis for a Multilevel Metalogic Programming Language	262
<i>J. Barklund, K. Boberg (Uppsala University, Sweden)</i>	
<i>P. Dell'Acqua (Università degli Studi di Milano, Italy)</i>	
Logic Programs with Tests	276
<i>M. Mircheva (Bulgarian Academy of Sciences, Sofia, Bulgaria)</i>	
An Architecture with Multiple Meta-levels for the Development of Correct Programs	293
<i>B. Dunin-Kępicz (University of Warsaw, Poland)</i>	
More on Unfold/Fold Transformations of Normal Programs: Preservation of Fitting's Semantics	311
<i>A. Bossi, S. Etalle (Università di Padova, Italy)</i>	
Formal Semantics of Temporal Epistemic Reflection	332
<i>W. van der Hoek, J.-J. Meyer, (Utrecht University and Free University Amsterdam, The Netherlands)</i>	
<i>J. Treur (Free University Amsterdam, The Netherlands)</i>	

Temporal Semantics of Meta-Level Architectures for Dynamic Control of Reasoning <i>J. Treur (Free University Amsterdam, The Netherlands)</i>	353
Gödel as a Meta-Language for Composing Logic Programs <i>A. Brogi, S. Contiero (Università di Pisa, Italy)</i>	377
A Module System for Meta-Programming <i>P.M. Hill (University of Leeds, United Kingdom)</i>	395
Building Proofs in Context <i>G. Attardi, M. Simi (Università di Pisa, Italy)</i>	410
Introspective Metatheoretic Reasoning <i>F. Giunchiglia, A. Cimatti (IRST, Trento, Italy)</i>	425
Abstract Debugging of Logic Programs <i>M. Comini, G. Levi (Università di Pisa, Italy)</i> <i>G. Vitiello (Università di Salerno, Italy)</i>	440
Author Index	451