

Table of Contents

Synthesis

A Formal Framework for Synthesis and Verification of Logic Programs	1
<i>Alessandro Avellone, Mauro Ferrari and Camillo Fiorentini</i>	
Protocols between Programs and Proofs	18
<i>Iman Poernomo and John N. Crossley</i>	
A Technique for Modular Logic Program Refinement	38
<i>Robert Colvin, Ian Hayes and Paul Strooper</i>	

Transformation

Higher-Order Transformation of Logic Programs	57
<i>Silvija Seres and Michael Spivey</i>	

Analysis

Non-transformational Termination Analysis of Logic Programs, Based on General Term-Orderings	69
<i>Alexander Serebrenik and Danny De Schreye</i>	

Specialisation

A Model for Inter-module Analysis and Optimizing Compilation	86
<i>Francisco Bueno, María García de la Banda, Manuel Hermenegildo, Kim Marriott, Germán Puebla and Peter J. Stuckey</i>	
Measuring the Effectiveness of Partial Evaluation in Functional Logic Languages	103
<i>Elvira Albert, Sergio Antoy and Germán Vidal</i>	
Automated Strategies for Specializing Constraint Logic Programs	125
<i>Fabio Fioravanti, Alberto Pettorossi and Maurizio Proietti</i>	

Abstract Interpretation

Measuring the Precision of Abstract Interpretations	147
<i>Alessandra Di Pierro and Herbert Wiklicky</i>	

Debugging

Specifying Prolog Trace Models with a Continuation Semantics 165
Erwan Jahier, Mireille Ducassé and Olivier Ridoux

Author Index 183

Logic Based Program Synthesis and Transformation
10th International Workshop, LOPSTR 2000 London, UK,
July 24-28, 2000 Selected Papers
Lau, K.-K. (Ed.)
2001, VIII, 188 p., Softcover
ISBN: 978-3-540-42127-6