

Table of Contents

Complexity Results for Abductive Logic Programming	1
<i>T. Eiter, G. Gottlob, N. Leone</i>	
A Terminological Interpretation of (Abductive) Logic Programming	15
<i>M. Denecker</i>	
Abduction over 3-valued Extended Logic Programs	29
<i>C.V. Damásio, L.M. Pereira</i>	
On Logical Constraints in Logic Programming	43
<i>V.W. Marek, A. Nerode, J.B. Remmel</i>	
An Operator for Composing Deductive Data Bases with Theories of Constraints	57
<i>D. Aquilino, P. Asirelli, C. Renso, F. Turini</i>	
Update Rules in Datalog Programs	71
<i>M. Halfeld Ferrari Alves, D. Laurent, N. Spyrtos</i>	
Characterizations of the Stable Semantics by Partial Evaluation	85
<i>S. Brass, J. Dix</i>	
Game Characterizations of Logic Program Properties	99
<i>H.A. Blair</i>	
Computing the Well-Founded Semantics Faster	113
<i>K.A. Berman, J.S. Schlipf, J.V. Franco</i>	
Loop Checking and the Well-Founded Semantics	127
<i>V. Lifschitz, N. McCain, T.C. Przymusiński, R.F. Stärk</i>	
Annotated Revision Specification Programs	143
<i>M. Fitting</i>	
Update by Means of Inference Rules	156
<i>T.C. Przymusiński, H. Turner</i>	
A Sphere World Semantics for Default Reasoning	175
<i>J.C.P. da Silva, S.R.M. Veloso</i>	
Revision by Communication	189
<i>C. Witteveen, W. van der Hoek</i>	
Hypothetical Updates, Priority and Inconsistency in a Logic Programming Language	203
<i>D. Gabbay, L. Giordano, A. Martelli, N. Olivetti</i>	
Situation Calculus Specifications for Event Calculus Logic Programs	217
<i>R. Miller</i>	
On the Extension of Logic Programming with Negation through Uniform Proofs	231
<i>L.-Y. Yuan, J.-H. You</i>	

Default Consequence Relations as a Logical Framework for Logic Programs	245
<i>A. Bochman</i>	
Skeptical Rational Extensions	259
<i>A. Mikitiuk, M. Truszczyński</i>	
Reasoning with Stratified Default Theories	273
<i>P. Cholewiński</i>	
Incremental Methods for Optimizing Partial Instantiation	287
<i>R.T. Ng, X. Tian</i>	
A Transformation of Propositional Prolog Programs into Classical Logic ..	302
<i>R.F. Stärk</i>	
Nonmonotonic Inheritance, Argumentation and Logic Programming	316
<i>P.M. Dung, T.C. Son</i>	
An Abductive Framework for Extended Logic Programming	330
<i>A. Brogi, E. Lamma, P. Mancarella, P. Mello</i>	
Embedding Circumscriptive Theories in General Disjunctive Programs ...	344
<i>C. Sakama, K. Inoue</i>	
Stable Classes and Operator Pairs for Disjunctive Programs	358
<i>J. Kalinski</i>	
Nonmonotonicity and Answer Set Inference	372
<i>D. Pearce</i>	
Trans-Epistemic Semantics for Logic Programs	388
<i>A. Rajasekar</i>	
Computing the Acceptability Semantics	401
<i>F. Toni, A.C. Kakas</i>	
Author Index	417