

Table of Contents

On Interpolation in Decision Procedures	1
<i>Maria Paola Bonacina and Moa Johansson</i>	
First-Order Tableaux in Applications (Extended Abstract)	17
<i>Ulrich Furbach</i>	
Proof Theory and Algebra in Substructural Logics	20
<i>Kazushige Terui</i>	
CSymLean: A Theorem Prover for the Logic CSL over Symmetric Minspaces.....	21
<i>Régis Alenda and Nicola Olivetti</i>	
Schemata of SMT-Problems	27
<i>Vincent Aravantinos and Nicolas Peltier</i>	
Kripke Semantics for Basic Sequent Systems.....	43
<i>Arnon Avron and Ori Lahav</i>	
Hybrid and First-Order Complete Extensions of CaRet	58
<i>Laura Bozzelli and Ruggero Lanotte</i>	
Optimal Tableau Systems for Propositional Neighborhood Logic over All, Dense, and Discrete Linear Orders	73
<i>Davide Bresolin, Angelo Montanari, Pietro Sala, and Guido Sciavicco</i>	
Craig Interpolation in Displayable Logics	88
<i>James Brotherston and Rajeev Goré</i>	
A Tableaux Based Decision Procedure for a Broad Class of Hybrid Formulae with Binders.....	104
<i>Serenella Cerrito and Marta Cialdea Mayer</i>	
Basic Constructive Connectives, Determinism and Matrix-Based Semantics	119
<i>Agata Ciabattoni, Ori Lahav, and Anna Zamansky</i>	
On the Proof Complexity of Cut-Free Bounded Deep Inference	134
<i>Anupam Das</i>	
The Modal μ -Calculus Caught Off Guard	149
<i>Oliver Friedmann and Martin Lange</i>	

A Conditional Constructive Logic for Access Control and Its Sequent Calculus	164
<i>Valerio Genovese, Laura Giordano, Valentina Gliozzi, and Gian Luca Pozzato</i>	
A Tableau Calculus for a Nonmonotonic Extension of $\mathcal{EL}^\perp$	180
<i>Laura Giordano, Valentina Gliozzi, Nicola Olivetti, and Gian Luca Pozzato</i>	
Correctness and Worst-Case Optimality of Pratt-Style Decision Procedures for Modal and Hybrid Logics	196
<i>Mark Kaminski, Thomas Schneider, and Gert Smolka</i>	
Cut Elimination for Shallow Modal Logics	211
<i>Björn Lellmann and Dirk Pattinson</i>	
A Non-clausal Connection Calculus	226
<i>Jens Otten</i>	
METTEL: A Tableau Prover with Logic-Independent Inference Engine	242
<i>Dmitry Tishkovsky, Renate A. Schmidt, and Mohammad Khodadadi</i>	
A Hypersequent System for Gödel-Dummett Logic with Non-constant Domains	248
<i>Alwen Tiu</i>	
MaLeCoP: Machine Learning Connection Prover	263
<i>Josef Urban, Jiří Vyskočil, and Petr Štěpánek</i>	
Author Index	279