

Table of Contents

Homotopy Type Theory	1
<i>Steve Awodey</i>	
The Relevance of Relevance to Relevance Logic	11
<i>J. Michael Dunn</i>	
Logic-Automata Connections for Transformations	30
<i>Emmanuel Filiot</i>	
Truths about Simpson's Paradox: Saving the Paradox from Falsity	58
<i>Prasanta S. Bandyopadhyay, R. Venkata Raghavan, Don Wallace Dacruz, and Gordon Brittan Jr.</i>	
Some Instances of Graded Consequence in the Context of Interval-Valued Semantics	74
<i>Soma Dutta, Benjamín R.C. Bedregal, and Mihir Kr. Chakraborty</i>	
Neighborhood Contingency Logic	88
<i>Jie Fan and Hans van Ditmarsch</i>	
Hierarchies in Inclusion Logic with Lax Semantics	100
<i>Mika Hannula</i>	
A Modal Logic for Non-deterministic Information Systems	119
<i>Md. Aquil Khan</i>	
Tableaux for Non-normal Public Announcement Logic	132
<i>Minghui Ma, Katsuhiko Sano, François Schwarzentruber, and Fernando R. Velázquez-Quesada</i>	
A Pragmatic Approach to Propositional Knowledge Based on the Successful Behavior of Belief	146
<i>Aránzazu San Ginés and Rohit Parikh</i>	
Büchi Automata Optimisations Formalised in Isabelle/HOL	158
<i>Alexander Schimpf and Jan-Georg Smaus</i>	
Nyāya's Logical Model for Ascertaining Sound Arguments	170
<i>Jaron Schorr</i>	
Negative Existentials and Non-denoting Terms	183
<i>Paul Schweizer</i>	

Ordinals in an Algebra-Valued Model of a Paraconsistent Set Theory ... <i>Sourav Tarafder</i>	195
Extending Carnap's Continuum to Binary Relations <i>Alena Vencovská</i>	207
Representing Imperfect Information of Procedures with Hyper Models <i>Yanjing Wang</i>	218
Author Index	233