Contents

Representing and Completing Lattices by Propositions of Cover Systems .................................................. 1
Robert Goldblatt

A Uniform Algebraic Approach to Cut Elimination via Semi-completeness .................................................. 19
Hiroakira Ono

Ancient Indian Logic, Pakṣa and Analogy ........................................ 45
Jeffrey B. Paris and Alena Vencovská

Provability and Decidability of Arithmetical Sentences ............... 59
Shih Ping Tung

On the Minimization Principle in the Boolean Approach to Causal Discovery .................................................. 79
Jiji Zhang

Contentual and Formal Aspects of Gentzen’s Consistency Proofs .... 95
Ryota Akiyoshi and Yuta Takahashi

Saving Supervaluationism from the Challenge of Higher-Order Vagueness Argument ....................................... 139
Hao-Cheng Fu

Cut Free Labelled Sequent Calculus for Dynamic Logic of Relation Changers .............................................. 153
Ryo Hatano, Katsuhiko Sano and Satoshi Tojo

On Second Order Propositional Intuitionistic Logics ................. 181
Ryo Kashima

Classical Model Existence Theorem in Subclassical Predicate Logics. II ....................................................... 197
Jui-Lin Lee
On Incorporating Reasoning Time into Epistemic Logic ............ 213
Ren-June Wang

Proof-Theoretic Embedding from Visser’s Basic Propositional
Logic to Modal Logic K4 via Non-labelled Sequent Calculi .......... 233
Sakiko Yamasaki and Katsuhiko Sano

Varieties of Parthood .............................................. 259
Paul Hovda

Infinite “Atomic” Mereological Structures ......................... 287
Hsing-Chien Tsai