

Contents

| | |
|--|-----|
| Preface | vii |
| Kant’s Logic Revisited | 1 |
| <i>Theodora Achourioti and Michiel van Lambalgen</i> | |
| Implicit Dynamic Function Introduction and Ackermann-Like Function Theory | 23 |
| <i>Marcos Cramer</i> | |
| Locology and Localistic Logic: Mathematical and Epistemological Aspects | 35 |
| <i>Michel De Glas</i> | |
| Secure Multiparty Computation without One-way Functions | 63 |
| <i>Dima Grigoriev and Vladimir Shpilrain</i> | |
| IF Logic and Linguistic Theory | 83 |
| <i>Jaakko Hintikka</i> | |
| Commentary on Jaakko Hintikka’s “IF Logic and Linguistic Theory” | 95 |
| <i>Gabriel Sandu</i> | |
| Foundations as Superstructure (Reflections of a practicing mathematician) | 101 |
| <i>Yuri I. Manin</i> | |
| Classical and Intuitionistic Geometric Logic | 117 |
| <i>Grigori Mints</i> | |
| Commentary on Grigori Mints’ “Classical and Intuitionistic Geometric Logic” | 127 |
| <i>Roy Dyckhoff and Sara Negri</i> | |
| The Historical Role of Kant’s Views on Logic | 133 |
| <i>Andrei Patkul</i> | |

| | |
|--|------------|
| The Logic for Metaphysical Conceptions of Vagueness | 157 |
| <i>Francis Jeffrey Pelletier</i> | |
| A Note on the Axiom of Countability | 177 |
| <i>Graham Priest</i> | |
| Topologies and Sheaves Appeared as Syntax and Semantics of Natural Language | 183 |
| <i>Oleg Prosorov</i> | |
| Venus Homotopically | 245 |
| <i>Andrei Rodin</i> | |
| On a Combination of Truth and Probability: Probabilistic IF Logic | 267 |
| <i>Gabriel Sandu</i> | |
| Towards Analysis of Information Structure of Computations | 277 |
| <i>Anatol Slissenko</i> | |
| Horizons of Scientific Pluralism: Logics, Ontology, Mathematics . . . | 301 |
| <i>Vladimir L. Vasyukov</i> | |