
Contents

Contributors ix

1. Introduction 3
Leila Haaparanta
2. Late Medieval Logic 11
Tuomo Aho and Mikko Yrjönsuuri
3. Logic and Philosophy of Logic from Humanism to Kant 78
Mirella Capozzi and Gino Roncaglia
4. The Mathematical Origins of Nineteenth-Century Algebra of Logic 159
Volker Peckhaus
5. Gottlob Frege and the Interplay between Logic and Mathematics 196
Christian Thiel
6. The Logic Question During the First Half of the Nineteenth Century 203
Risto Vilkko
7. The Relations between Logic and Philosophy, 1874–1931 222
Leila Haaparanta
8. A Century of Judgment and Inference, 1837–1936: Some Strands in the Development of Logic 263
Göran Sundholm
9. The Development of Mathematical Logic from Russell to Tarski, 1900–1935 318
Paolo Mancosu, Richard Zach, and Calixto Badesa

10. Set Theory, Model Theory, and Computability Theory 471
Wilfrid Hodges
11. Proof Theory of Classical and Intuitionistic Logic 499
Jan von Plato
12. Modal Logic from Kant to Possible Worlds Semantics 516
Tapio Korte, Ari Maunu, and Tuomo Aho
- Appendix to Chapter 12: Conditionals and Possible Worlds:
On C. S. Peirce's Conception of Conditionals and Modalities 551
Risto Hilpinen
13. Logic and Semantics in the Twentieth Century 562
Gabriel Sandu and Tuomo Aho
14. The Philosophy of Alternative Logics 613
Andrew Aberdein and Stephen Read
15. Philosophy of Inductive Logic: The Bayesian Perspective 724
Sandy Zabell
16. Logic and Linguistics in the Twentieth Century 775
Alessandro Lenci and Gabriel Sandu
17. Logic and Artificial Intelligence 848
Richmond H. Thomason
18. Indian Logic 903
J. N. Mohanty, S. R. Saha, Amita Chatterjee, Tushar Kanti Sarkar, and Sibajiban Bhattacharyya
- Index 963