Between Logic and Reality
Logic, Epistemology, and the Unity of Science aims to reconsider the question of the unity of science in light of recent developments in logic. At present, no single logical, semantical or methodological framework dominates the philosophy of science. However, the editors of this series believe that formal techniques like, for example, independence friendly logic, dialogical logics, multimodal logics, game theoretic semantics and linear logics, have the potential to cast new light on basic issues in the discussion of the unity of science.

This series provides a venue where philosophers and logicians can apply specific technical insights to fundamental philosophical problems. While the series is open to a wide variety of perspectives, including the study and analysis of argumentation and the critical discussion of the relationship between logic and the philosophy of science, the aim is to provide an integrated picture of the scientific enterprise in all its diversity.
Majda Trobok · Nenad Miščević · Berislav Žarnić
Editors

Between Logic and Reality

Modeling Inference, Action and Understanding

Springer
Preface

The papers collected in this book analyse the logic-mathematics-reality relationship from different approaches and perspectives. It connects logical theory with more concrete issues of rationality, normativity and understanding, thus pointing to a wide range of potential applications.

Let us say a few words about the context in which the book was created. Continuing a longer tradition that started in the 1980s by the members of the Rijeka Analytic Philosophy Circle (V. Muškardin, N. Smokrović, B. Berčić, S. Prijić-Samaržja, the editors of the present volume, and others), the Department of Philosophy at the University of Rijeka has been active in organizing international philosophical conferences and other philosophical events in Croatia establishing thus global and vital connections between the philosophers from all sides of the world with those from the local region, in particular those coming from academic communities in Bulgaria, Croatia, Hungary, Italy, Serbia and Slovenia. Thanks to its cosmopolitan atmosphere and a regard for logic, the Department of Philosophy at University of Rijeka, the only analytic department of philosophy in Croatia, has provided a supporting environment for promoting logico-philosophical research. The book originated from two recent conferences that took place in Rijeka.¹

We were also lucky to have on our side the hospitality of the Inter-University Center Dubrovnik, where we organized or helped organizing a series of conferences, most notably the yearly courses/conferences Analytic Philosophy: Epistemology and Metaphysics, in particular the 2010 conference The Philosophy of Logical Consequence organized by Stewart Shapiro, and the Mind, World and Action course. Also, two larger scientific projects funded by the Ministry of Science, Education and Sports of Republic of Croatia have offered further institutional framework for the initiatives that have led to the assembling of the book: Logic and Reality, and Logical Structures and Intentionality.

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