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Nota di contenuto	Part I Logic, Epistemology, and Scientific Theories. From Peano to the Vienna Circle -- 1. Introduction: Symbolic Logic and Scientific Philosophy -- 2. Peano's Geometry: From Empirical Foundations to Abstract Development -- 3. Altered States. Borel and the Probabilistic Approach to Reality -- 4. "Poincaré: the Philosopher" by Léon Brunschvicg. A Perspective -- 5. Leibniz and the Vienna Circle -- 6. Schlick, Weyl, Husserl: On Scientific Philosophy -- 7. Federigo Enriques and the Philosophical Background to the Discussion of Implicit Definitions -- 8. Schlick and Carnap on Definitions -- 9. Russell and Carnap or Bourbaki? Two Ways Towards Structures -- 10. Carnap and Gödel, Again -- Part II General Part -- 11. Returns of Modality: Wittgenstein's Tractatus and Arthur Pap -- 12. Is Wittgenstein Still an Analytic Philosopher? -- 13. Frank on Special Relativity: 1908-1912 -- Part III Reviews -- 14. Review Essay: Mark Textor, The Disappearance of

the Soul and the Turn against Metaphysics. Austrian Philosophy 1874–1918 -- 15. Review Essay: Rudolf Carnap, Tagebücher, Band 1 und 2, Meiner Verlag 2021 -- 16. Review: Adam Tuboly, The Historical and Philosophical Significance of Ayer's Language, Truth and Logic.

Sommario/riassunto

This book provides a collection of chapters on the development of scientific philosophy and symbolic logic in the early twentieth century. The turn of the last century was a key transitional period for the development of symbolic logic and scientific philosophy. The Peano school, the editorial board of the *Revue de Métaphysique et de Morale*, and the members of the Vienna Circle are generally mentioned as champions of this transformation of the role of logic in mathematics and in the sciences. The scholarship contained provides a rich historical and philosophical understanding of these groups and research areas. Specifically, the contributions focus on a detailed investigation of the relation between structuralism and modern mathematics. In addition, this book provides a closer understanding of the relation between symbolic logic and previous traditions such as syllogistics. This volume also informs the reader on the relation between logic, the history and didactics in the Peano School. This edition appeals to students and researchers working in the history of philosophy and of logic, philosophy of science, as well as to researchers on the Vienna Circle and the Peano School.
