

Contents

1. On the Origin and Significance of Poincaré's Conventionalism	1
2. The Physics of the Principles and its Philosophy: Hamilton, Poincaré and Ramsey	42
3. Duhem's Instrumentalism and its Critique: A Re-appraisal	90
4. Radical Conventionalism, its Background and Evolution: Poincaré, LeRoy and Ajdukiewicz	109
5. Poincaré and the Discovery of Special Relativity	149
Appendix: Logical Comparability and Conceptual Disparity between Newtonian and Relativistic Mechanics	196
Bibliography	206
Name Index	217
Subject Index	221