

# CONTENTS

<b>PREFACE</b>	<b>VII</b>
Chapter 1 / Philosophy: Beacon or Trap	1
Chapter 2 / Foundations: Clarity and Order	16
Chapter 3 / Physical Theory: Overview	28
Chapter 4 / The Referents of a Physical Theory	48
Chapter 5 / Quantum Mechanics in Search of its Referent	87
Chapter 6 / Analogy and Complementarity	106
Chapter 7 / The Axiomatic Format	127
Chapter 8 / Examples and Advantages of Axiomatics	151
Chapter 9 / The Network of Theories	179
Chapter 10 / The Theory/Experiment Interface	210
<b>BIBLIOGRAPHY</b>	<b>238</b>
<b>INDEX OF NAMES</b>	<b>243</b>
<b>INDEX OF SUBJECTS</b>	<b>245</b>