

Contents

Chapter

ONE	<i>Natural Science in the Renaissance</i>	3
TWO	<i>Theory of Hypothesis among Renaissance Astronomers</i>	22
THREE	<i>Francis Bacon's Philosophy of Science</i>	50
FOUR	<i>The Role of Experience in Descartes' Theory of Method</i>	75
FIVE	<i>Thomas Hobbes and the Rationalistic Ideal</i>	104
SIX	<i>Isaac Newton and the Hypothetico- Deductive Method</i>	119
SEVEN	<i>David Hume on Causation</i>	144
EIGHT	<i>John F. W. Herschel's Methods of Experimental Inquiry</i>	153
NINE	<i>William Whewell's Philosophy of Scientific Discovery</i>	183
TEN	<i>John Stuart Mill's System of Logic</i>	218
ELEVEN	<i>W. S. Jevons on Induction and Probability</i>	233
TWELVE	<i>Charles Sanders Peirce's Search for a Method</i>	248
THIRTEEN	<i>Chauncey Wright and the American Functionalists</i>	263
	<i>Notes</i>	283
	<i>Index</i>	341