CONTENTS

PREFACE	vii
BIOGRAPHICAL NOTES ON THE CONTRIBUTORS	хi
Par	t I
The Critical Approach to Philoso	
1. William W. Bartley III, Rationality versus the Theory of	
Rationality	3
2. Paul Bernays, Reflections on Karl Popper's Epistemology	32
3. Herbert Feigl, What Hume Might Have Said to Kant	45
4. Jerzy Giedymin, Strength, Confirmation, Compatibility	52
5. R. M. Hare, A Question about Plato's Theory of Ideas	61
6. Peter Munz, Popper and Wittgenstein	82
7. John W. N. Watkins, Confirmation, the Paradoxes, and Positivism	92
8. J. O. Wisdom, Some Overlooked Aspects of Popper's	
Contributions to Philosophy, Logic, and Scientific Method	116
Part	II
The Critical Approach to Logic and Matheme	ıtics
9. Haskell B. Curry, The Elimination of Variables by Regular	
Combinators	127
10. William Kneale, On Popper's Use of the Notion of Absolute Logical	
Probability	144
11. Nicholas Rescher, Aristotle's Theory of Modal Syllogisms and Its	
Interpretation	152
12. Gerold Stahl, Logical Terminology and Theory of Meaning	178

Part III The Critical Approach to Science

13.	Joseph Agassi, The Nature of Scientific Problems and Their Room	ts
	in Metaphysics	189
14.	David Bohm, On the Problem of Truth and Understanding is	n
	Science	212
15.	P. W. Bridgman,* The Mach Principle	224
16.	Mario Bunge, Phenomenological Theories	234
17.	J. T. Davies, The Simple Laws of Science and History	255
18.	J. C. Eccles, The Neurophysiological Basis of Experience	266
19.	Paul K. Feyerabend, Realism and Instrumentalism: Comment	's
	on the Logic of Factual Support	2 80
2 0.	O. R. Frisch, Observation and the Quantum	309
21.	Adolf Grünbaum, Popper on Irreversibility	316
22.	F. A. Hayek, The Theory of Complex Phenomena	332
23.	Jean Ullmo, The Agreement between Mathematics and Physical	l
	Phenomena	35 0
24.	Wolfgang Yourgrau, On the Reality of Elementary Particles	360
	Pa	rt IV
	The Critical Approach to Society and H	History
25.	Hans Albert, Social Science and Moral Philosophy	385
26.	W. B. Gallie, Popper and the Critical Philosophy of History	410
27.	Pieter Geyl, The Open Society and Its Enemies	423
28.	Ernst H. Gombrich, The Tradition of General Knowledge	431
29.	George H. Nadel, Philosophy of History before Historicism	445
	Writings of Karl R. Popper	473

^{*}Deceased, 1961.