

## TABLE OF CONTENTS

EDITORIAL PREFACE	vii
ACKNOWLEDGEMENTS	xi
INTRODUCTION	xiii
1. The Model Muddle: Proposals for an Immodest Realism (1966)	1
2. Reduction, Explanation and Ontology (1962)	12
3. Models, Metaphysics and the Vagaries of Empiricism (1965)	24
4. Metaphysics as Heuristic for Science (1965)	40
5. Matter, Action and Interaction (1973)	90
6. Towards a Critical Materialism (1971)	104
7. The Relation Between Philosophy of Science and History of Science (1977)	119
8. Telos and Technique: Models as Modes of Action (1968)	140
9. From Praxis to Logos: Genetic Epistemology and Physics (1971)	154
10. Pictures, Representation, and the Understanding (1972)	175
11. Perception, Representation, and the Forms of Action: Towards an Historical Epistemology (1973)	188
12. Rules and Representation: The Virtues of Constancy and Fidelity Put in Perspective (1978)	211
13. Action and Passion: Spinoza's Construction of a Scientific Psychology (1973)	231

14.	Nature, Number and Individuals: Motive and Method in Spinoza's Philosophy (1978)	255
15.	Hume's Concept of Identity and the <i>Principium Individuationis</i> (1961)	277
16.	Diderot and the Development of Materialist Monism (1953)	297
17.	Art and Technology: Conflicting Models of Education? The Uses of a Cultural Myth (1973)	338
18.	Art as Humanizing Praxis (1976)	357
	NAME INDEX	371
	SUBJECT INDEX	375