

Contents

Introduction by Marjorie Grene		<i>page</i> ix
PART ONE		
SOCIETY AND THE UNDERSTANDING OF SOCIETY		
1	Beyond Nihilism	1960 3
2	The Message of the Hungarian Revolution	1966 24
3	The Two Cultures	1959 40
PART TWO		
THE NATURE OF SCIENCE		
4	The Republic of Science: Its Political and Economic Theory	1962 49
5	The Growth of Science in Society	1967 73
6	The Potential Theory of Adsorption	1963 87
7	My Time with X-rays and Crystals	1962 97
8	The Unaccountable Element in Science	1962 105
PART THREE		
TACIT KNOWING		
9	Knowing and Being	1961 123
10	The Logic of Tacit Inference	1964 138
11	Tacit Knowing: Its Bearing on Some Problems of Philosophy	1962 159
12	Sense-Giving and Sense-Reading	1967 181
PART FOUR		
LIFE AND MIND		
13	The Structure of Consciousness	1965 211
14	Life's Irreducible Structure	1968 225
	Index	241