## Contents

I	INTRODUCTION	I
II	NON-EPISTEMIC SEEING	4
	1. BELIEF CONTENT: A NEGATIVE CRITERION	4
	2. SEEING <sub>R</sub>	18
	3. SEEING AND SAYING WE SEE	35
	4. EXISTENCE AND CAUSAL CONDITIONS	43
	5. THE PRINCIPLE OF SUBSTITUTIVITY	54
	6. DIRECT VERSUS INDIRECT PERCEPTION	62
	7. CONCLUSION	75
III	SEEING AND KNOWING	78
	I. PRIMARY EPISTEMIC SEEING	78
	2. PROTO-KNOWLEDGE	93
	3. BACKGROUND BELIEFS	112
	4. REASONS AND JUSTIFICATION	126
IV	RELATIONS, EVENTS, AND SECONDARY SEEING	140
	i. RELATIONSHIPS	140
	2. SECONDARY EPISTEMIC SEEING	153
	3. EVENTS	163
	4. SELECTOR WORDS	168

V1	CONTENTS	
v	PERCEPTUAL RELATIVITY	171
	I. THE PARAMETERS	171
	2. SPECIALIZATION	179
	3. RADICAL RELATIVITY	190
VI	OBSERVATION AND SCIENTIFIC PRACTICE	202
	I. OBSERVATION	202
	2. LAWS AND OBSERVATION	208
	3. GENERALIZATION AND CAUSALITY	220
	4. MATHEMATICS AND MEASUREMENT	234
	5. MICRO-THEORIES	245

INDEX