

CONTENTS

I. PRELIMINARY DISTINCTIONS AND REMARKS	
1. Necessity Circumscribed	1
2. Modality <i>de dicto</i> and Modality <i>de re</i>	9
II. MODALITY <i>DE RE</i> : OBJECTIONS	
1. The Problem	14
2. Essentialism and Set Theoretical Reduction	16
3. Essentialism and the Number of Apostles	18
4. Essentialism and the Mathematical Cyclist	23
III. MODALITY <i>DE RE</i> : EXPLANATIONS	
1. The Locus of Necessity	27
2. The Kernel Function	29
3. Some Objections	32
A. The Kernel Function and Kripke Semantics	33
B. Identity and The Kernel Function	34
C. Circularity and the Kernel Function	36
IV. WORLDS, BOOKS, AND ESSENTIAL PROPERTIES	
1. Worlds	44
2. Books	45
3. Existence and Properties in a World	46
4. Actuality	48
5. This World and the Actual World	49
6. Relative Possibility	51
7. Truth and Truth-in- α	55
8. Necessary Truth and Essential Properties	55
9. Some Putative Principles	57
10. What Properties are Essential to Socrates?	60
11. World-indexed Properties	62
12. Could Socrates have been an Alligator?	65
V. THE NECESSITY OF NATURES	
1. Essence Preliminarily Characterized	70
2. The Nature of Essence	72
3. Essences and Proper Names	77
4. Hesperus and Phosphorus	81

VI. TRANSWORLD IDENTITY OR WORLDBOUND INDIVIDUALS?	
1. The Question	88
2. Socrates in α and Socrates in W	89
3. The Problem of Transworld Identity	92
A. The Problem Stated	92
B. A Temporal Analogy	94
C. The Problem Resolved	96
D. Essence and Transworld Identity	97
E. Does Ramsification Destroy Information?	99
4. Objections to TWI	101
5. Counterpart Theory	102
6. Semantic Inadequacies of Counterpart Theory	108
A. Socrates and Xenophon	109
B. Socrates and Socrates-identity	110
7. Metaphysical Inadequacies of Counterpart Theory	114
VII. POSSIBLE BUT UNACTUAL OBJECTS: THE CLASSICAL ARGUMENT	
1. The Question	121
2. Modal Logic and Possible Objects	123
3. How Shall we Take the Semantics?	125
4. Pure and Applied Semantics	126
5. Applied Semantics and Possible Objects	128
6. Are There Nonexistent Objects?	131
7. The Classical Argument	133
8. Proper Names and Negative Existentials: Russell	137
9. Proper Names and Negative Existentials: Searle	139
10. Proper Names and Negative Existentials: the Historical Chain View	143
11. Some Varieties of Singular Existentials	144
VIII. POSSIBLE BUT UNACTUAL OBJECTS: ON WHAT THERE ISN'T	
1. Predicative and Impredicative Singular Propositions	149
2. The Classical Argument Fails	151
3. Creatures of Fiction	153
4. Names: Their Function in Fiction	159
IX. GOD, EVIL, AND THE METAPHYSICS OF FREEDOM	
1. The Problem	164
2. The Free Will Defence	165

CONTENTS

ix

3. The Objection	167
4. Which Worlds Could God Have Created?	169
5. Counterfactuals	174
6. Leibniz's Lapse	180
7. Transworld Depravity	184
8. The Free Will Defence Triumphant	189
9. God's Existence and the <i>Amount</i> of Moral Evil	190
10. God's Existence and <i>Natural</i> Evil	191
11. The Probabilistic Argument from Evil	193
X. GOD AND NECESSITY	
1. The Anselmian Statement	197
2. The Argument Restated	198
3. The Argument Examined	202
4. A Mistaken Modal Version	205
5. The Argument Without Possible Objects	209
6. The Hartshorne–Malcolm Version	212
7. A Victorious Modal Version	213
8. Final Objections and Reflections	217
APPENDIX: Quine's Objection to Quantified Modal Logic	
1. The Objection Initially Stated	222
2. Sizeability is not a Property	224
3. The Objection Restated	228
4. The Objection Examined	229
A. The Hintikka Response	231
B. The Smullyan Reply	232
5. Proper Terms and Aristotelian Essentialism	233
6. Modal Logic and Essentialism	235
7. Quine's Charge and Professor Marcus	238
8. Quine's Charge and Professor Parsons	243
9. Essentialism and Applied Semantics	248
INDEX	253