

Contents

Preface	xiii
Introduction	3

I

THE THEORY OF DIRECT REFERENCE

ONE. The Theory of Singular Direct Reference	
1. A Formulation of the Theory	9
1.1. The Orthodox Notion of Sense	
1.2. Descriptive Singular Terms	
1.3. Relationally Descriptive Singular Terms	
1.4. Orthodox Theories and the Theory of Direct Reference	
2. The Arguments	23
2.1. The Modal Arguments	
2.2. The Epistemological Arguments	
2.3. The Semantical Arguments	
2.4. Contextual Factors in Reference	
3. Rigid Designators	32
3.1. Two Kinds of Rigid Designators: Persistence and Obstinacy	
3.2. Proper Names, Nondescriptionality, and Obstinacy	
3.3. A Criterion for Obstinacy	
TWO. The Theory Extended to General Terms	
4. A Reformulation of the Theory	42
4.1. Descriptive General Terms	
4.2. Common Nouns as Proper Names	
4.3. A Point of Disanalogy	
4.4. Designation	
4.5. Relationally Descriptive Designators	
4.6. Orthodox Theories and the Theory of Direct Reference	
4.7. The Traditional Theory of Cognition and Understanding	

5. The Arguments Reconsidered	59
5.1. The General Form of the Arguments	
5.2. An Obvious Objection	
5.3. A Reply: Putnam's Twin Earth Argument	
6. Rigid Designators Reconsidered	69
6.1. General Term Designation and Rigid Designation	
6.2. A Criterion for General Term Designation	
THREE. Reference and the Necessary <i>A Posteriori</i>	
7. Some Consequences of the Theory	76
7.1. Traditional Assimilations	
7.2. Necessary <i>A Posteriori</i> Identities	
7.3. The General Phenomenon	
8. Other Alleged Necessary <i>A Posteriori</i> Truths	80
8.1. The Examples	
8.2. Trivial Essentialism	
8.3. Nontrivial Essentialism Concerning Natural Kinds	
8.4. Nontrivial Essentialism Concerning Individuals	
9. A Crucial Question	87
FOUR. Putnam's Theory of Natural Kind Terms	
10. Putnam's Theses	93
11. Initial Exegetical Remarks	99
11.1. The 'is' of Instantiation	
11.2. A Gross Misinterpretation	
11.3. A Subtle Misinterpretation	
11.4. A Difficulty in Interpretation	
12. First Formulations	106
12.1. An Initial Formalization	
12.2. Time-Slices and Possible World-Slices of Continuant Individuals	
12.3. An Initial Attempt to Eliminate Possible World-Slices	
13. Cross-World Relations	116
13.1. Cross-World Construal of Binary Relations	
13.2. Intra-World Attributes, Extra-World Attributes, and Cross-World Relations	

13.3. A Mechanism for Generating Cross-World Relations	
13.4. Nondenoting Singular Terms	
14. Reformulations	136
14.1. A New Attempt at Formalization	
14.2. Thesis (T3)	
14.3. Reductionism and Analysis	
14.4. Translation into Modal Operator Discourse	
15. Further Exegetical Remarks	148
15.1. Theses (T5) and (T6)	
15.2. Thesis (T4)	
15.3. Thesis (T7)	
15.4. Thesis (T6) Again	

II

THE PROGRAM TO DERIVE ESSENTIALISM FROM THE THEORY OF REFERENCE

FIVE. The *K* and *I* Mechanisms

16. Putnam on (T9)	161
17. Donnellan's Elucidations of (T9)	163
18. The <i>OK</i> -Mechanism	166
18.1. A Valid Modal Argument	
18.2. The General Case	
19. The General <i>K</i> -Mechanism and the <i>I</i> -Mechanism	169
19.1. The General <i>K</i> -Mechanism	
19.2. The <i>I</i> -Mechanism	
20. The Program	174

SIX. Hidden Essentialism in the *K* and *I* Mechanisms

21. The First Two Premises	176
22. The Third Premise	176
22.1. Putnam and Donnellan on the Third Premise	
22.2. Formalization	
22.3. The <i>K</i> -Mechanisms	
22.4. The <i>I</i> -Mechanism	

23. The Failure of the Program	183
23.1. The Original Argument	
23.2. The <i>K</i> and <i>I</i> Mechanisms	
SEVEN. Arguments for the Essentiality of Origin	
24. Kripke and the Putnam Program	193
25. Kripke's "Proof" of the Essentiality of Origin	196
25.1. Kripke's Formulation of Argument	
25.2. Some Initial Considerations	
25.3. The Compossibility Premise	
25.4. The Unfinished Argument	
25.5. A Principle of Cross-World Identification	
25.6. An Alternative Argument	
26. Compossibility Principles and Cross-World Identification Principles	214
CONCLUSION	217
APPENDIX I. Principles of Cross-World Identification	
27. Cross-World Identification Principles and the Ship of Theseus	219
27.1. An Argument for Contingent Identity	
27.2. A Fallacy	
27.3. A Better Theory	
28. The Four Worlds Paradox	229
28.1. The Argument	
28.2. One Solution	
28.3. A Better Solution	
28.4. Vagueness and the Paradox	
APPENDIX II. The Essentialist Principles in the <i>K</i> and <i>I</i> Mechanisms	
29. Donnellan vs. Kripke	253
30. A Problem in the Epistemology of Modality	253
31. The Nonmodal Consequences	255

32. Connecting Statements	260
32.1. The Need for Connecting Statements	
32.2. The Theoretical Status of the Connecting Statements	
33. Conclusion	264
Selected Bibliography	265
Index of Labeled Expressions	279
Index of Subjects	284