Contents

Preface ix Introduction 1
Chapter 1 The Computational Metaphor 9 The Computational Metaphor in Cognition 9 Historical Versions of the Computational Metaphor 11 A Literal Version of the Computational Metaphor 13 The Computational Metaphor and Conceptual Changes 15 The Computational Metaphor as a Basic Metaphor 19
Chapter 2 The Nature of Metaphor 23 Metaphor and Analogy 23 Difficulties with the Tension, Controversion, and Deviance Theories The Theory of Semantic Anomaly 33 Metaphor and Other Figurative Language 34 Epiphor and Diaphor 38 Metaphor as a Process 42 Grammatical Forms of Metaphor 43 Conveyance Metaphors and Basic Metaphors 46 Metaphor and Creative Possibility 50
Chapter 3 The Literal and the Metaphorical 53 The Problem of Distinguishing between the Literal and the Metaphorical 53 The Metaphorical Nature of Theories of Metaphor 54 Rejection of Claims that All Language Is Metaphorical 57 Rejection of Linguistic Relativity 70 The Notion of the Literal 73
Chapter 4 The Semantics of Metaphor 79 The Problem of Change in Semantics 79

24

Componential Analysis 81 Metaphor and Fuzzy Sets 85 Prototypical Categories 95 Semantic Trees 99
The Semantic Differential 106 Rules for the Semantics of Metaphor 110 A Hierarchical Semantics of Metaphor 114
Chapter 5 Metaphor as a Knowledge Process 127 A Sketch of Cognition and Knowledge 127 Metaphor and Memory 128 The Creative Act of Metaphor 136 Metaphor and Images 140 Features of Similarity 144 Metaphor as an Evolutionary Knowledge Process 149
Chapter 6 Metaphor as a Speech Act 159 A Sketch of Metaphor as a Speech Act 159 Constitutive Rules 162 An Alternative Speech Act Schema 165 Metaphor and the Speech Act Schema 168 Metaphorizing 175
Chapter 7 The Meaning of Metaphor 181 Stability and Change in Meaning 181 General Considerations of Meaning 183 Metaphorical Meaning 203
Chapter 8 Metaphor and Truth 207 The Problem of Metaphor and Truth 207 The Controversion Theory Reconsidered 208 Correspondence and/or Coherence 211 Relativism and Metaphor 216 Metaphor and Degrees of Semantic Truth 218 The Relation of Metaphoric Knowledge to Truth 221
Afterword 227
Notes 231
References 243

Index 251