

# Contents

<i>Preface</i>	ix
Introduction	1
1. Reference to Universals and Plural Reference to Particulars	5
1. Two kinds of terms for universals	6
2. The kind term behavior of bare adjective nominalizations	9
3. Kind terms and kind-referring terms	12
3.1. Kinds as objects of reference	12
3.2. Properties and kinds of tropes	14
3.3. Tropes and kinds of tropes	17
3.4. Other kind terms	18
4. Terms for instances and terms for universals	19
5. Kind reference	21
5.1. Making sense of kind reference	21
5.2. The problems with reference to kinds	24
6. A plural-reference account of kind terms	27
6.1. The semantics of definite plurals: reference to a plurality or plural reference?	27
6.2. Plural reference	33
6.3. Modalized plural reference	37
7. The semantics of explicit property-referring terms	41
2. Reference to Tropes and the Ontology of Tropes	46
1. Tropes in philosophy	47
1.1. The recent philosophical tradition	47
1.2. Tropes in the history of philosophy	47
1.3. Tropes and contemporary semantic theory	48
2. Characteristic properties of tropes and their reflection in natural language	49
2.1. Tropes as causal relata	50
2.2. Similarity relations	51
2.3. Bearer dependence	53
2.4. The problem of the spatio-temporal location of tropes	56
2.5. Further properties of concreteness	57
2.5.1. Groundedness	57
2.5.2. Description-independence	59
2.5.3. Internal structure and measurable extent	59

3. Quantitative tropes and number tropes	61
3.1. Evidence for quantitative tropes	61
3.2. The arithmetical behavior of number tropes	65
4. Variable tropes and the notion of a variable object	69
5. Tropes and the semantics of adjectives	73
6. Challenges to standard trope theory: the gradability of adjectives	76
6.1. Gradable adjectives	76
6.2. Positive and absolute nominalizations	80
7. Tropes and events	82
7.1. Semantic parallels between tropes and events	82
7.2. Tropes as an ontological category comprising events	83
8. Sketch of an ontological account of facts and states	86
Appendix: Tropes and events as truthmakers	89
3. The Semantics of Special Quantifiers in Predicate Position	95
1. Non-Objectual and Abstract Meaning Theories of special quantifiers	98
1.1. The Non-Objectual Theory	98
1.2. The Abstract Meaning Theory	101
1.2.1. The Abstract Meaning Theory and its problems	101
1.2.2. The Relational Analysis and its problems	104
1.2.3. Second-order logic and the type-theoretic approach	107
2. The Nominalization Theory of special quantifiers	111
3. Special nouns	117
4. Conclusion	119
4. Propositions and Attitudinal Objects	121
1. Semantic motivations for propositions and the Relational Analysis of attitude reports	123
2. Conceptual problems for propositions	125
3. Empirical problems for propositions	126
3.1. The Substitution Problem	126
3.2. The Objectivization Effect	131
4. Attitudinal objects	132
4.1. Characteristic properties of attitudinal objects	134
4.1.1. Involvement of force	134
4.1.2. Similarity relations	134
4.1.3. Properties of concrete objects	134
4.2. Differences between attitudinal objects and mental or illocutionary events	137
4.3. Kinds of attitudinal objects	140
5. Attitudinal objects and special quantifiers in sentential position	141

6. A neo-Russellian analysis of attitude reports	146
6.1. Intentional predication and the Russellian Multiple Relations Analysis	146
6.2. Complex sentences	151
6.3. Other sentence-embedding predicates	153
6.4. Empirical evidence for the neo-Russellian view: plural terms for propositional contents	154
7. The ontology of attitudinal objects	157
8. The semantics of terms for attitudinal objects	159
9. The semantics of special quantifiers in sentential position	160
10. Cognate objects and special quantifiers	162
11. <i>That</i> -clauses and measure phrases	164
12. Conclusion	167
5. Intensional Transitive Verbs and their “Objects”	168
1. Intensional transitive verbs and special quantifiers	169
1.1. Verbs of absence and verbs of possession	170
1.2. Epistemic verbs	173
1.3. Verbs of nomination	174
2. The Relational Analysis of intensional transitive verbs	175
3. The Nominalization Theory of special quantifiers with intensional transitive verbs	178
3.1. Evidence for the Nominalization Theory	178
3.2. Apparent problems for the Nominalization Theory	181
3.3. Extensional and intensional verbs sharing their object	182
3.4. Two intensional verbs sharing their object	185
4. A semantic analysis of intensional transitive verbs with special quantifiers	188
5. Explicit reference to variable satisfiers	194
6. Other intensional transitive verbs	196
6.1. Verbs of representation	197
6.2. Perception verbs	198
7. Conclusion	201
6. Reifying Terms	202
1. The general structure and semantics of reifying terms	203
2. Linguistic properties of reifying terms	207
3. The referentiality of reifying terms	210
4. Expression-referring terms and quotation	213
5. Number-referring terms and simple numerals	215
5.1. Mathematical and non-mathematical properties	216
5.2. The Adjectival Strategy	218
5.3. Explicit number-referring terms	220
6. Color-referring terms	222

viii CONTENTS

7. Syntactic indicators for quasi-referential terms	224
7.1. Replacement by special quantifiers	224
7.2. Syntactic peculiarities of quasi-referential terms	225
7.2.1. Support for plural anaphora	225
7.2.2. Two kinds of non-restrictive relative clauses in German	226
8. Conclusion	228
Conclusion and Outlook	230
<i>References</i>	232
<i>Author Index</i>	241
<i>General Index</i>	243