

CONTENTS

PREFACE	i
CONTENTS	iii
1 LOGICAL SEMANTICS	1
1.1 Compositionality	4
1.2 Computational Representation	6
1.3 Examples	8
2 SEMANTIC FRAMEWORK	18
2.1 Properties and Propositions	22
2.2 Revision-based Theories of Truth	25
2.3 Game Theoretic Semantics for Property Theory	29
2.4 A Language for Epistemic Logic	32
2.5 Proof Theory	35
2.6 Correctness	39
2.7 Mutual knowledge	42
2.8 Intensionality	43
2.9 Commitments	46
2.10 Discourse Entities	48
2.11 Temporal Relations	51
3 SYNTACTIC FRAMEWORK	54
3.1 Describing Syntactic Structures	55
3.2 Common Framework	62
3.3 Words and Word Classes	68
3.3.1 Closed class words	68
3.3.2 Open class words and their suffixes	73
3.3.3 Nouns	74
3.3.4 Adjectives and adverbs	79
3.3.5 Verbs	81
3.4 Grammar Rules	94
3.4.1 Sentences	95
3.4.2 Complex NP's	97

3.4.3 Coordination	106
4 BASIC MEANING	111
4.1 Simple Sentences	111
4.2 Auxiliaries and Temporal Specification	127
4.3 Complex NP's	136
4.3.1 Adjectives	136
4.3.2 Relative clauses	139
4.3.3 Plural NP's	144
4.4 Coordination	148
5 ROLES AND STRUCTURES	153
5.1 Structured Meanings	155
5.2 Passives	160
5.3 Generics: Bare Plurals and Habituals	165
5.4 Sentential and Verbal Complements	167
5.5 Intensional Objects	172
5.6 Free Modifiers: Prepositional and Adverbial Phrases	176
5.7 Meaning Postulates	183
6 LINGUISTIC ACTION	185
6.1 Rational Behaviour and AI Planning Theory	185
6.2 Speech Act Theory	187
6.3 Epistemic Planning	193
EPILOGUE	196
BIBLIOGRAPHY	198
RULES AND FRAMES	202
INDEX	205