

TABLE OF CONTENTS

PREFACE AND ACKNOWLEDGEMENTS	ix
1. THE BASIC ANALYSIS OF CONDITIONALS	1
1.1. Conditionals and Formalization	1
1.2. Hypothetical Deliberation	5
1.3. Some Intuitively Valid Inference Patterns	16
1.4. Formal Semantics for Hypothetical Deliberation	19
1.5. The Weak Conditional Logic W	22
2. CLASSICAL VS NON-CLASSICAL LOGICS	29
2.1. Defining the Issues	29
2.2. The Case for Non-Classical Logic	32
2.3. The Non-Classical Logic H	42
2.4. An Evaluation of H	46
3. ALTERNATIVE MODEL THEORIES	52
3.1. Introduction	52
3.2. World-Selection-Function Models	54
3.3. System-of-Spheres Models	54
3.4. Relational Models	55
3.5. Class-Selection-Function Models	57
3.6. Neighborhood Models	58
3.7. Extensional Models	60
3.8. Summary of Equivalence Results	61
3.9. Depth	62
4. CLASSICAL ANALYSES OF CONDITIONALS	63
4.1. Introduction	63
4.2. Stalnaker and the Uniqueness Assumption	63
4.3. Lewis and Systems of Spheres	67
4.4. Gabbay and the Role of Consequents	73
4.5. Pollock and Justification Conditions	77
4.6. Adams and Probabilistic Entailment	83

5. CAUSATION AND THE TEMPORAL REGULARITY OF SUBJUNCTIVE CONDITIONALS	87
5.1. Introduction	87
5.2. The Counterfactual Analysis of Event Causation	88
5.3. A Miraculous Analysis and a Non-Miraculous Analysis	97
5.4. Lewis's Miraculous Analysis	102
6. SUBJUNCTIVE PROBABILITIES	109
6.1. A New Species of Conditional Probability	109
6.2. Relative Reasonableness	111
6.3. General Semantics for Subjunctive Probabilities	116
6.4. Subjunctive Probabilities and Probabilistic Entailment	121
6.5. Conditionals, Probability, and Decision Theory	124
7. ALGEBRAIC SEMANTICS	128
7.1. Introduction	128
7.2. Algebras	131
7.3. Algebras and Models	138
7.4. Some Independence Results	146
7.5. Non-Classical Logics	152
BIBLIOGRAPHY	157
LIST OF RULES AND THESES	159
INDEX OF NAMES	161
INDEX OF SUBJECTS	162