CONTENTS

I. THE CRITERIOLOGY OF TRUTH	
1. Definitional versus Criterial Theories of Truth	1
2. Strengths and Weaknesses of the Correspondence Theory of Truth	5
3. Rivals of the Correspondence Theory	9
4. The Criteriology of Truth	12
•	
II. FUNDAMENTAL ASPECTS OF THE COHERENCE THEORY OF TRUTH	
1. Coherence as a Criterion of Truth	23
2. The Revival of Coherence Theory Among the Logical Positivists	24
3. Does Coherence Pre-empt Correspondence?	27
4. What is Coherence?	31
5. The Strategy of Coherence	39
III. PROGRAMMATIC CONSIDERATIONS GOVERNING A COHERENCE ACCOUNT OF TRUTH	
1. The Coherence Screening of Truths	41
2. The Non-classical Character of a Coherence Theory of Truth	42
3. Characteristic Features of a Coherence Theory of Truth	43
4. Objections to be Circumvented	44
5. The Key Concept of a Datum	53
6. Examples of Data	59
7. The Determination of Datahood	63
8. The Foundational Role of Data	64
g. Summary	70
IV. THE LOGIC OF COHERENCE	
1. Approach to the Problem	72
2. The Need for a Theory of Inference From Inconsistent Premisses	7 5
3. Maximal Consistent Subsets, Innocent Bystanders, 'Culprits'	78
4. Inevitable Consequence: Weak Consequence	80
5. Preferred m.c.s. and P-Consequence	82
6. The Effect of Different Modes of Consequence/Incompatibility	87
7. A Coherence Theory of Truth Based on P-Consequences	88
8. The Pivotal Role of Data	95
V. CRITERIA OF ALETHIC ELIGIBILITY AND	
EPISTEMIC DECISION THEORY	
1. The Problem of Alethic Preference	98
2. Method I: Propositional Pivot-Points	99

	3. Method II: Majority Rule	103
	4. Method III: Probabilistic Preference	104
	5. Method IV: From Propositional Plausibility to Set Preference	11:
	6. Plausibility Indexing	114
	7. Probabilities and Plausibilities	123
	8. Method V: A Pragmatic Approach to m.c.s. Preference	131
VI.	A REAPPRAISAL OF TRADITIONAL THEORIES OF TRUTH	
	1. The Task of Reappraisal	14:
	2. Conditions of Adequacy for a Theory of Truth	142
	3. The Traditional Laws of Truth and Their Congeners	14
	4. The Orthodox Non-Classical Theory of Truth and Many-Valued Logic	14
	5. The Machinery for Criteriological Analysis	15
	6. Criteriological Analysis of the Correspondence Theory	154
	7. Criteriological Analysis of the Intuitionist Theory	15
	8. Criteriological Analysis of the Pragmatic Theory	15
	g. Criteriological Analysis of the Coherence Theory	160
	10. The Strengths and Weaknesses of the Several Criterial Theories	16
	11. The Characteristic Work of the Several Theories of Truth	16
VI	I. CHARACTERISTIC FEATURES OF THE COHERENCE THEORY	3
	1. Truth as a System	168
	2. The Cohesiveness of Truth	173
	3. Coherence and the Unity of Truth	170
	4. Coherence and the Issue of Logical Truth	17
	5. The Need for Extralogical Mechanisms in a Coherence Analysis	178
	6. Another Objection to the Coherence Theory	180
	7. 'The Real Truth' as an Idealization	181
	8. Conclusion	18
VI	II. EPISTEMOLOGICAL RAMIFICATIONS OF THE COHERENCE THEORY	
	1. Epistemic versus Ontic Views of Truth	18
	2. Fallibilism and the Growth of Knowledge: Aspects of the Dynamics of Truth-Reclassification on the Coherence Theory	189
	3. Verification and Falsification	196
	4. Degrees of Truth	197
	5. The 'Preface Paradox' and a Thesis of F. H. Bradley's	200
IX.	INDUCTIVE REASONING AND THE JUSTIFICATION	
	OF THE COHERENCE THEORY OF TRUTH	
	1. The Coherence Analysis as Ampliative	206
	2. The Originative Character of the Coherence Analysis and the Critique of Foundationalism	207

CONTENTS	xiii
3. Coherence and the Problem of Inductive Method	210
4. Coherence and 'Duhem's Thesis'	213
5. Rival Hypotheses as 'Data'	217
6. Inductive Support Via a Coherence Analysis	220
7. The Lottery Paradox	222
8. Coherence and the Justification of Induction	225
g. Is the Justification of the Coherence Analysis Itself Inductive?	230
10. The Pragmatic Justification of the Coherence Approach	232
11. Need Coherentist Metaphysics Enter In?	234
X. THE PRIMACY OF PRACTICAL REASON	
1. The Task of Pragmatic Validation	238
2. The Basic Argument	238
3. The Pragmatic Turn	239
4. Pragmatic Validation of the Criterion of Truth	241
5. Three Strategies of Pragmatic Justification	244
6. The Prospects of a Pragmatic Justification of a Non-pragmatic Criterion of Factual Truth	245
7. The Problem of Prior Truths: The Plausibility of Memory as a	213
Minimal Requisite for an Appeal to Experience	247
8. Post Hoc Ergo Propter Hoc: A Residual Circularity	250
9. Hume's Problem	252
10. The Primacy of Practical Reason	254
11. Application to the Coherence Theory	256
XI. THE COHERENCE APPROACH TO COUNTER-	
FACTUAL CONDITIONALS	
1. Belief-Contravening Hypotheses and Hypothetical Reasoning	263
2. The Contextual Ambiguity of Belief-Contravening Hypotheses	268
3. The Problem of Counterfactual Conditionals	273
4. The Need for a 'Principle of Rejection and Retention'	278
5. The Resolution of the Problem of Counterfactual Conditionals as an	
Exercise in Coherence Analysis	285
6. Coherence and Counterfactual Assumptions	294
XII. APPLICATIONS OF THE COHERENCE ANALYSIS	
IN INFORMATION PROCESSING	
1. The Processing of Reports	298
2. Readjustments in Report Processing	311
3. Consensus Methodology	312
XIII. COHERENTIST EPISTEMOLOGY: KNOWLEDGE	
WITHOUT A FOUNDATION OF CERTAINTY	
1. Truth Without Foundations	316
2. The Epistemic Dualism of Contingent Knowledge	321
3. The Spectre of Scepticism	323

4. Truth and Certainty	325
5. Cognitive Solipsism and the Quest for Certainty	331
POSTSCRIPT	334
APPENDICES	
A. Ewing on Coherence and the Independence of Propositional Sets	335
B. Minimal Inconsistent Subsets	337
c. Equivalent Propositional Sets	338
D. Normal Form	341
E. Plausibility Indexing and Modal Categories	347
F. Hamblin's Concept of 'Plausibility' and Shackle's 'Potential Surprise'	349
G. The Uniqueness of a Derived Full-Scale Plausibility Indexing	353
н. Degrees of Truth	356
1. Truths of Reason and Truths of Fact	361
BIBLIOGRAPHY	366
NAME INDEX	371
SUBJECT INDEX	373