## Contents

Preface		xiii
Int	roduction	1
1	'What is philosophy?'	1
2	Untestable identities	2
3	Science and metaphysics	3
4	Methodology	5
5	Meta-philosophy	8
Pa	rt I: Mind and Meaning	
1	Nothing Like Experience	10
1	Introduction	10
2	Knowing what it's like	11
3	Recognising and imagining experiences	12
4	Recalling experiences	13
5	Knowing how and knowing that	14
6	Know-how and the limits of science	16
7	Imagination	17
8	The nature of experience	19
2	What Does Subjective Decision Theory Tell Us?	22
1	The question	22
2	The right thing to do	23
3	Being reasonable	25
4	The case against a descriptive SDT	28
5	The case for a descriptive SDT	30
3	How to Believe a Conditional	34
1	Introduction	34
2	Adams	34
3	Two belief theories	36
4	The disposition theory	37
5	Dispositions and truth conditions	38
6	Simple conditionals	39

Simple conditionals 6

7	Dispositions and beliefs	41
8	Complex conditionals	43
9	A methodological objection	44
10	Adams revisited	44
4	Telling the truth	47
5	Successful Semantics	60
1	Introduction	60
2	Causal functionalism	61
3	The causation of actions	63
4	Fine-grained actions	65
5	Actions, intentions, and success	66
6	Ramsey's Principle	68
7	Objections to Ramsey's Principle	71
8	Limitations of Ramsey's Principle	74
9	Successful semantics	75

## Part II: What There Is

6	The Semantics and Ontology of Dispositions	78
1	Introduction	78
2	Dispositions and conditionals	79
3	Multi-conditional dispositions	81
4	Reduction sentences	83
5	Dispositions and properties	85
6	Dispositional and categorical properties	87
7	Properties and laws	88
8	The ontology of fragility	91
9	Temperature: a real disposition	93
10	Overdetermination	94
7	Truthmakers for What?	96
1	Introduction	96
2	Truthmaking and entailment	96
3	Truthmaking and truth	97
4	Ontological commitment	99
5	Realism	100
6	Truthmakers and truth conditions	102
7	Direct and indirect truthmaking	103
8	The merits of moderation	104

9	Primary propositions: atomic	107
10	Primary propositions: molecular	109
11	Laws of nature	110
12	Generalisations	111
8	Too Many Universes	113
1	Universes and the multiverse	113
2	Existence, location, and ultimate explanations	114
3	Explanations and probabilities	115
4	A prerequisite of chances	116
5	An improbable argument	117
6	Facing the firing squad	118
9	The Reduction of Society	120
1	Reduction	120
2	Reduction and laws	121
3	Reduction and ontology	122
4	People	123
5	Microreduction and the unity of science	124
6	Groups	126
7	Groups, sets, and abstract objects	127
8	Groups and people	129
9	Wholes and parts	130
10	The limits of sociology	133
11	The reduction of sociology	134
12	Holist objections	137
10	Wholes and Parts: The Limits of Composition	142
1	Part-whole relations	142
2	The formal properties of part–whole relations	145
3	Unrestricted composition?	146
11	Micro-composition	151
1	Introduction	151
2	Containment	152
3	Causation	152
4	Working parts	153
5	Significant effects	154
6	Vagueness	155
7	Microreduction	156
8	Supervenience	157
9	Supervenience and vagueness	158

10	Supervenience and microreduction	159
11	Microreduction, causation, and laws	160
12	Contingency and indeterminism	161

## Part III: Time

12	Time	163
1	Space, time, and relativity	163
2	Cosmology and the present	166
3	Time and change	169
4	The ontology of the A-series	170
5	The semantics of the A-series	172
6	What A-beliefs do for us	176
7	Time and causation	178
8	Epilogue	180
13	Transcendental Tense	182
1	Is time no object?	182
2	Kantian tenses	185
3	Time and concepts of time	186
14	Time Travel	190
1	The passing of time	190
2	Forward time travel	191
3	Backward time travel	193
4	The direction of time	195
5	Soluble problems of time travel	199
6	Time travel: the insoluble problem	203
15	The Direction of Time	206
1	Formalities	206
2	Extrinsic and intrinsic differences	206
3	The flow of time	207
4	The expansion of the universe	208
5	Increasing entropy	208
6	Irreversibility	209
7	Seeing the direction of time	210
8	Causal and temporal order	211
9	Causation and time	212
10	Conclusion	215