

## *Contents*

<i>Acknowledgments</i>	<i>page vii</i>
1 Introduction	I
2 The Philosophical Landscape on Attention	6
2.1 Historical Engagement	10
2.2 Phenomenology	18
2.3 Skeptical Approaches	21
2.4 Attention, Perception, and Knowledge	24
2.5 Attention and Consciousness	26
2.6 Attention and Action	28
2.7 Attention and the Self	30
3 Attention, Mental Causation, and the Self	35
3.1 The Apparent Causal Power of Attention	38
3.2 Top-Down Attention	42
3.3 The Link to Mental Causation	51
3.4 From Weak to Strong Emergence	58
3.5 Some Objections	71
3.6 Summary	74
4 Attention, Perception, and Knowledge	75
4.1 Background and Motivation	77
4.2 Object Perception and Binding	82
4.3 An Objective Spatial Framework	88
4.4 Demonstrative Reference and Knowledge	97
4.5 Information and Meaning	102
4.6 Summary	115
5 Attention, Consciousness, and Habitual Behavior	117
5.1 Background and Motivation	118
5.2 Linking Attention to Consciousness	123
5.3 Countervailing Evidence	130
5.4 Conscious Entrainment	144

vi	<i>Contents</i>	
5.5	Consciousness as Interface	155
5.6	Summary	160
6	Attention, Action, and Responsibility	162
6.1	Motivation and Purpose	163
6.2	Concepts and Background	167
6.3	The Problem of Skilled Behavior	172
6.4	The Hierarchical Control Theory	187
6.5	Responsibility and Special Cases	193
6.6	Summary	197
7	Conclusion	199
	<i>Appendix A Mental Causation and Its Problems</i>	204
	<i>Appendix B The Conceptual History of Top-Down Attention</i>	209
	<i>Appendix C Top-Down Attention and the Brain</i>	212
	<i>Appendix D Working Memory and Attention</i>	214
	<i>References</i>	218
	<i>Index</i>	247