

# Contents

About the editors	vii
About the contributors	viii
Preface	xii
Acknowledgements and thanks	xiii
1 An introduction to classic studies in cognitive psychology Michael W. Eysenck and David Groome	1
2 Attention: Beyond Cherry's (1953) cocktail party problem Michael W. Eysenck	13
3 Perception: Beyond Gibson's (1950) direct perception Vicki Bruce and Yoav Tadmor	24
4 Computational approaches to perception: Beyond Marr's (1982) computational approach to vision George Mather	38
5 Perception and action: Beyond Goodale and Milner's (1992) separate visual pathways Glyn Humphreys	47
6 Attention: Beyond Stroop's (1935) colour-word interference phenomenon Colin MacLeod	60
7 Amnesia: Beyond Scoville and Milner's (1957) research on HM Howard Eichenbaum	71
8 Working memory: Beyond Baddeley and Hitch's (1974) working memory Robert Logie	86
9 Memory systems: Beyond Tulving's (1972) episodic and semantic memory Michael W. Eysenck and David Groome	105

---

10	Encoding and retrieval: Beyond Tulving and Thomson's (1973) encoding specificity principle James Nairne	117
11	Human problem solving: Beyond Newell, Shaw, and Simon's (1958) theory of human problem solving Fernand Gobet and Peter Lane	133
12	Heuristics and biases: Beyond Tversky and Kahneman's (1974) judgment under uncertainty Klaus Fiedler and Momme von Sydow	146
13	Decision making under risk: Beyond Kahneman and Tversky's (1979) prospect theory Ben Newell	162
14	Language: Beyond Chomsky's (1957) syntactic structures Trevor Harley and Siobhan MacAndrew	179
15	Cognitive neuropsychology of language: Beyond Marshall and Newcombe's (1973) patterns of paralexia Max Coltheart	189
	Index	203