

Cambridge University Press

978-0-521-03937-6 - Philosophy and Memory Traces: Descartes to Connectionism

John Sutton

Table of Contents

[More information](#)**Contents***List of figures* xi*Preface* xiii*List of abbreviations* xv

- I Introduction: traces, brains, and history 1
 - Appendix: memory and connectionism 19

- I **Animal spirits and memory traces** 21
 - Introduction 23
- 2 **Wriggle-work: the quick and nimble animal spirits** 25
- 3 **Memory and ‘the Cartesian philosophy of the brain’** 50
 - Appendix 1: nerves, spirits, and traces in Descartes 102
 - Appendix 2: Malebranche on memory 106

- II **Inner discipline** 115
 - Introduction 117
- 4 **Spirit sciences, memory motions** 119
- 5 **Cognition, chaos, and control in English responses to Descartes’ theory of memory** 129
- 6 **Local and distributed representations** 149
- 7 **John Locke and the neurophilosophy of self** 157
 - Appendix: memory and self in *Essay II.27* 174
- 8 **The puzzle of survival** 177
- 9 **Spirits, body, and self** 189
- 10 **The puzzle of elimination** 214

- III **‘The phantasmal chaos of association’** 223
 - Introduction 225
- 11 **Fodor, connectionism, and cognitive discipline** 228
- 12 **Associationism and neo-associationism** 240
- 13 **Hartley’s distributed model of memory** 248
- 14 **Attacks on neurophilosophy: Reid and Coleridge** 260

Cambridge University Press

978-0-521-03937-6 - Philosophy and Memory Traces: Descartes to Connectionism

John Sutton

Table of Contents

[More information](#)

x CONTENTS

IV **Connectionism and the philosophy of memory** 275

Introduction 277

15 Representations, realism, and history 280

16 Attacks on traces 298

17 Order, confusion, remembering 317

References 323

Index 367