Andreas Lammer

The Elements of Avicenna’s Physics

Greek Sources and Arabic Innovations
Contents

List of Abbreviations — XI

List of Figures and Tables — XII

Preface — XIII

Acknowledgements — XIX

Introduction — 1

1 The Arabic Fate of Aristotle’s Physics — 9
  1.1 Transmission and Translation — 10
  1.2 The Commentators on the Aristotelian Text — 20
  1.3 On Avicenna’s Copy of the Physics — 37

2 The Methodology of Teaching and Learning — 43
  2.1 The Method of Physics — 43
  2.2 Method and Principles between Physics and Metaphysics — 81

3 The Subject-Matter of Physics — 111
  3.1 Body, Substance, and Corporeality — 114
  3.2 Matter and Form as Common Principles — 154
  3.3 Change and an Additional Principle — 201

4 Nature and Power — 213
  4.1 Nature, and Soul, in the Greek Philosophical Tradition — 213
  4.2 Avicenna’s Commentary on Physics II.1, 192b20–23 — 225
  4.3 Avicenna, and Philoponus, on Inclination — 240
  4.4 Bad Readings of Aristotle — 252.
  4.5 Avicenna’s Account of Nature and its Relation to Soul — 280

5 Putting Surface Back into Place — 307
  5.1 A Troubled Account of Place — 311
  5.2 Clarifying Aristotle’s Troubled Account of Place — 326
  5.3 Eliminating Void and Space — 367

6 Time and Temporality in the Physical World — 429
  6.1 A New Approach to an Old Definition — 431
  6.2 The Before and After — 462
6.3 Continuity and the Cause of Time — 477
6.4 Avicenna’s Neoplatonic Peripateticism — 509
6.5 The “Flowing Now” in Avicenna’s Account of Time — 515

Conclusion — 525

Bibliography — 533

Index — 585