

Andreas Lammer

The Elements of Avicenna's Physics

Greek Sources and Arabic Innovations

DE GRUYTER

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