

1. Record Nr.	UNINA9910796888603321
Autore	Lammer Andreas
Titolo	The elements of Avicenna's physics : Greek sources and Arabic innovations / / Andreas Lammer
Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2018] ©2018
ISBN	3-11-071019-6 3-11-054608-6
Descrizione fisica	1 online resource (614 pages) : illustrations
Collana	Scientia Graeco-Arabica ; ; 20
Disciplina	181.5
Soggetti	Islamic philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Contents -- List of Abbreviations -- List of Figures and Tables -- Preface -- Acknowledgements / Lammer, Andreas -- Introduction -- 1. The Arabic Fate of Aristotle's Physics -- 2. The Methodology of Teaching and Learning -- 3. The Subject-Matter of Physics -- 4. Nature and Power -- 5. Putting Surface Back into Place -- 6. Time and Temporality in the Physical World -- Conclusion -- Bibliography -- Index
Sommario/riassunto	This study is the first comprehensive analysis of the physical theory of the Islamic philosopher Avicenna (d. 1037). It seeks to understand his contribution against the developments within the preceding Greek and Arabic intellectual milieus, and to appreciate his philosophy as such by emphasising his independence as a critical and systematic thinker. Exploring Avicenna's method of "teaching and learning," it investigates the implications of his account of the natural body as a three-dimensionally extended composite of matter and form, and examines his views on nature as a principle of motion and his analysis of its relation to soul. Moreover, it demonstrates how Avicenna defends the Aristotelian conception of place against the strident criticism of his predecessors, among other things, by disproving the existence of void and space. Finally, it sheds new light on Avicenna's account of the essence and the existence of time. For the first time taking into account the entire range of Avicenna's major writings, this study fills a gap in

our understanding both of the history of natural philosophy in general  
and of the philosophy of Avicenna in particular.

---