

1. Record Nr.	UNINA9910711439703321
Autore	La Scala John J.
Titolo	Biobased carbon fibers and thermosetting resins for use in DOD composites applications: SERDP WP-1758 final report / / by John J La Scala [and sixteen others]
Pubbl/distr/stampa	Aberdeen Proving Ground, MD : , : US Army Research Laboratory, , Mar 2017
Descrizione fisica	1 online resource (xxii, 284 pages) : color illustrations
Collana	ARL-TR ; ; 7969
Soggetti	Thermosetting composites Carbon fibers Lignin Technical reports.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Mar 2017."
Nota di bibliografia	Includes bibliographical references (pages 246-258).

2. Record Nr.	UNINA9910826593903321
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.

3. Record Nr.	UNINA9910544849003321
Autore	Palomo Elisabet
Titolo	Potential of Low-Medium Enthalpy Geothermal Energy : Hybridization and Application in Industry // by Elisabet Palomo, Antonio Colmenar-Santos, Enrique Rosales-Asensio
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-95626-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (171 pages)
Collana	Green Energy and Technology, , 1865-3537
Disciplina	621.44 333.88094
Soggetti	Renewable energy sources Industrial engineering Production engineering Environmental engineering Biotechnology Bioremediation Geophysics Renewable Energy Industrial and Production Engineering Environmental Engineering/Biotechnology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Measures to Remove Geothermal Energy Barriers in the European Union -- Thermal desalination potential with parabolic trough collectors and geothermal energy in the Spanish southeast -- Economic and environmental benefits of geothermal energy in industrial processes -- Conclusions. .
Sommario/riassunto	This book highlights the importance of geothermal energy by studying

its potential either alone or in combination with solar energy, focusing on its industrial application. Its starting point is to identify in a thorough and precise manner the barriers that hinder the implementation of geothermal energy in Spain and the European Union and the measures to be taken to achieve its diffusion and regular use. Next, the book looks at how geothermal energy could contribute to this sector and to the desalination industry in particular, analysing a specific case in the south of Spain and extrapolating its results to a set of existing desalination plants in the Spanish Mediterranean with really interesting results in terms of economic amortisation and CO₂ emissions avoided to the atmosphere. Beyond the desalination industry, this work demonstrates that almost 85% of the industrial processes of all industry in Spain can be carried out with very low, low and medium temperature geothermal resources and even applies its results to a set of existing solar plants, comparing in economic terms the results already obtained with those that would have been obtained if geothermal energy had been applied.
