1. Record Nr. UNINA9910778163803321

Autore	Helpman Elhanan
Titolo	The mystery of economic growth [[electronic resource] /] / Elhanan Helpman
Pubbl/distr/stampa	Cambridge, Mass., : Belknap Press of Harvard University Press, 2004
ISBN	0-674-03856-8
Descrizione fisica	1 online resource (238 p.)
Disciplina	338.9
Soggetti	Economic development Saving and investment Production (Economic theory)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. [185]-208) and index.

2. Record Nr. UNINA9910800190303321

Autore	Garnier Rowan
Titolo	Discrete mathematics : proofs, structures and applications / / by Rowan Garnier and John Taylor
Pubbl/distr/stampa	Boca Raton, FL : , : CRC Press, an imprint of Taylor and Francis, , 2009
ISBN	0-429-13575-0 1-4398-1280-2 1-4398-1281-0
Edizione	[Third edition.]
Descrizione fisica	1 online resource (847 p.)
Disciplina	004.0151
Soggetti	Computer science - Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Taylor & Francis Book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title; Copyright; Contents; Preface to the Third Edition; Preface to the Second Edition; Preface to the First Edition; List of Symbols; Chapter 1: Logic; Chapter 2: Mathematical Proof; Chapter 3: Sets; Chapter 4: Relations; Chapter 5: Functions; Chapter 6: Matrix Algebra; Chapter 7: Systems of Linear Equations; Chapter 8: Algebraic Structures; Chapter 9: Introduction to Number Theory; Chapter 10: Boolean Algebra; Chapter 11: Graph Theory; Chapter 12: Applications of Graph Theory; References and Further Reading; Hints and Solutions to Selected Exercises; Index
Sommario/riassunto	Taking an approach to the subject that is suitable for a broad readership, Discrete Mathematics: Proofs, Structures, and Applications, Third Edition provides a rigorous yet accessible exposition of discrete mathematics, including the core mathematical foundation of computer science. The approach is comprehensive yet maintains an easy-to-follow progression from the basic mathematical ideas to the more sophisticated concepts examined later in the book. This edition preserves the philosophy of its predecessors while updating and revising some of the content.

3.	Record Nr.	UNINA9911007469003321
	Autore	Hamimi Zakaria
	Titolo	Seismotectonics of the East Mediterranean-Red Sea region / / edited by Zakaria Hamimi, Károly Németh, Abdel-Rahman Fowler, Shoji Arai, José A. Peláez, Mostafa Toni, Rashad Sawires
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	3-031-80928-9
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (1126 pages)
	Collana	Advances in Science, Technology & Innovation, IEREK Interdisciplinary Series for Sustainable Development, , 2522-8722
	Altri autori (Persone)	NemethKaroly FowlerAbdel-Rahman AraiShoji PeláezJosé A ToniMostafa SawiresRashad
	Disciplina	551
	Soggetti	Geology Geophysics Geotechnical engineering Geotechnical Engineering and Applied Earth Sciences
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Introduction -- From the assembly of Pangaea to the closure of Tethys ocean: a synthesis -- Geologic and tectonic research in the East Mediterranean-Red Sea Region -- Evolution of the Afro-Arabian Rift System in space and time -- Interaction of the African, Arabian, Anatolian and Eurasian plates -- The conjugate East and North Anatolian Faults and the westward movement of Anatolian Block -- The Dead Sea Transform Fault System accommodating the left-lateral movement between the African and Arabian Plates -- The Gulf of Aqaba, the southern part of the Dead Sea Fault: geometrical and kinematic approach -- The Northern Red Sea-Gulf of Suez rift -- The rifted continental margin systems in the Gulf of Aden -- Paleoseismology in of the East Mediterranean-Red Sea Region: analysis of historical and instrumental earthquake catalogs -- Seismological

aspects of the Mw 7.8, 6th February 2023, Turkey/Syria earthquake and its aftershocks: Causes and consequences -- Seismotectonic frame of the East and North Anatolian Faults -- Crustal and uppermost mantle velocity structures in the Red Sea region -- Seismic tomography study beneath the East Mediterranean -- Seismicity of the Southern Red Sea and Gulf of Aden -- Relation of earthquakes to volcanic activity in the Arabian Peninsula -- Ambient noise for seismic site characterization in the East Mediterranean-Red Sea Region: examples from some selected cities -- Path attenuation effect in selected countries of East Mediterranean and Red Sea Regions -- Source process and parameters for the major seismic events in the East Mediterranean-Red Sea Region -- Determination of site effects along the western Red Sea coast using microtremor measurements -- Magnitude estimation in the East Mediterranean-Red Sea Region's networks: description and performance of seismic networks -- Induced seismicity: causes and impact on the environment -- Moment Tensor Inversion for large magnitude earthquakes in the East Mediterranean zone -- Description and performanceof seismic networks in the East Mediterranean-Red Sea Region -- Analysis of seismicity and an up-to-date seismicity study of Northern Red Sea Rift and Sinai subplate using updated earthquake data -- Applications of the artificial intelligence and machine learning technologies for earthquake monitoring and analysis -- Seismic design and building codes in East Mediterranean/Red Sea countries -- Updating seismotectonic and hazard maps for the East Mediterranean-Red Sea Region -- Stochastic simulation of earthquake ground motions for selected events and locations in the East Mediterranean and Red Sea Regions -- Site-dependent seismic hazard assessment for selected active zones in the East Mediterranean and Red Sea Regions -- Seismic risk analysis for selected mega-projects in the East Mediterranean-Red Sea Region -- Determination of crustal movements using GPS and seismic data with emphasis on InSAR- and GNSS-Derived Seismic Hazard Models.

Sommario/riassunto

This volume is considered as a unique book outlining new advances in seismotectonic research of the East Mediterranean-Red Sea Region (EMRSR). The dedicated chapters will outline the region in terms of tectonic segmentation, kinematics, and possible causes of it. It will provide state of art overview along-strike variations in geometry and behavior of faulting, jog characteristics of the active tectonic zones, analysis of earthquake clustering features, crustal deformation, constraining crustal velocity elds, relationship between strain rate and seismicity, paleoseismology, as well as global and regional seismicity. There will be specific topics within the book dedicated to the probabilistic seismic-hazard assessment of the EMRSR including its crustal stress eld evolution and its implications for fault mechanics, earthquake source parameters and moment tensors, and description of double-coupled earthquake focal mechanism. Also, earthquake-induced deformational structures focusing on afterslip and spontaneous aseismic slip processes will provide a complete picture for the reader about this fascinating active region. Sections documenting the stress eld variations and kinematics for diffuse microseismicity will also be developed. Other cutting edge research, such as progressive failure, spatiotemporal characteristics of seismicity that depends on accurate earthquake locations, as well as relationship of global distribution to earthquake-source geometry and tectonic origin provides up to date information within the EMRSR realm. The significance of the ambient noise level and site characterization specific to EMRSR and congruence and incongruence of active tectonic zones with normal plate kinematics will be shown in illustrative sections of

this new book. The book also will explore the potential relationship of seismotectonics to sustainable development as a key societal aspect of seismotectonic research in an active convergent plate margin region such as the EMRSR.