

1. Record Nr.	UNISA996418265203316
Autore	Ntalampekos Dimitrios
Titolo	Potential Theory on Sierpiski Carpets [[electronic resource]] : With Applications to Uniformization / / by Dimitrios Ntalampekos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-50805-6
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (X, 186 p. 10 illus., 4 illus. in color.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2268
Disciplina	515.96
Soggetti	Functions of complex variables Potential theory (Mathematics) Functional analysis Measure theory Mathematical analysis Functions of a Complex Variable Potential Theory Functional Analysis Measure and Integration Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This self-contained book lays the foundations for a systematic understanding of potential theoretic and uniformization problems on fractal Sierpiski carpets, and proposes a theory based on the latest developments in the field of analysis on metric spaces. The first part focuses on the development of an innovative theory of harmonic functions that is suitable for Sierpiski carpets but differs from the classical approach of potential theory in metric spaces. The second part describes how this theory is utilized to prove a uniformization result for Sierpiski carpets. This book is intended for researchers in the fields of potential theory, quasiconformal geometry, geometric group theory, complex dynamics, geometric function theory and PDEs.

2. Record Nr.	UNINA9910137695903321
Autore	Kanao Masaki
Titolo	Seismic waves - research and analysis / / Masaki Kanao [editor]
Pubbl/distr/stampa	IntechOpen, 2012 Rijeka, Croatia : , : InTech, , 2012 ©2012
ISBN	953-51-4942-3
Descrizione fisica	1 online resource : illustrations (some colour); digital, PDF file(s)
Collana	Open Access e-Books Knowledge Unlatched
Disciplina	551.22
Soggetti	Seismic waves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The importance of seismic wave research lies not only in our ability to understand and predict earthquakes and tsunamis, it also reveals information on the Earth's composition and features in much the same way as it led to the discovery of Mohorovicic's discontinuity. As our theoretical understanding of the physics behind seismic waves has grown, physical and numerical modeling have greatly advanced and now augment applied seismology for better prediction and engineering practices. This has led to some novel applications such as using artificially-induced shocks for exploration of the Earth's subsurface and seismic stimulation for increasing the productivity of oil wells. This book demonstrates the latest techniques and advances in seismic wave analysis from theoretical approach, data acquisition and interpretation, to analyses and numerical simulations, as well as research applications. A review process was conducted in cooperation with sincere support by Drs. Hiroshi Takenaka, Yoshio Murai, Jun Matsushima, and Genti Toyokuni.

3. Record Nr.	UNINA9910798976703321
Titolo	Globalizing borderlands studies in Europe and North America // edited and with an introduction by John W.I. Lee and Michael North
Pubbl/distr/stampa	Lincoln : , : University of Nebraska Press, , [2016] ©2016
ISBN	0-8032-8895-6 0-8032-8893-X
Descrizione fisica	1 online resource (285 pages) : illustrations
Collana	Borderlands and transcultural studies
Classificazione	HIS010000HIS001030HIS036000
Disciplina	940
Soggetti	Borderlands - Europe - History Borderlands - North America - History Geopolitics - Europe - History Geopolitics - North America - History Europe Historical geography North America Historical geography Europe Relations North America Relations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The usefulness of borderlands concepts in ancient history : the case of origen as monster / Elizabeth DePalma Digeser -- Structures of power in late antique borderlands : Arabs, Romans, and Berbers / Greg Fisher and Alexander Drost -- The transborder economy of medieval Cistercian monasteries in the southern Baltic Sea region / Manja Olschowski -- Visionaries, violence, and the legacy of trauma on the Maine frontier during King Philip's War, 1675-1677/ Ann Marie Plane -- Swedish Pomerania in the eighteenth century : the development of Frihet in a borderland of the Baltic Sea Region / Stefan Herfurth -- The Duchy of Courland from 1650 to 1737 : transformation of a religious borderland in the Baltic Sea region / Kord-Henning Uber -- Native borderlands : colonialism and the development of native power / Clint Smith -- Beyond red-light districts : regional and transnational

migration in the Mexican-U.S. borderlands, 1870-1912 / Veronica Castillo-Munoz -- Medicalizing the borders of an expanding state : physicians, sanitary reports, and the frontiers of Mexican progress, 1930-1950 / Gabriela Soto Laveaga -- Theorizing the social functioning of political borders through studies of cross-border petty trade / Olga Sasunkevich -- Future directions in borderlands studies / Alexander Drost and Michael North.

Sommario/riassunto

"Borderlands are complex spaces that can involve military, religious, economic, political, and cultural interactions--all of which may vary by region and over time. John W.I. Lee and Michael North bring together interdisciplinary scholars to analyze a wide range of border issues and to encourage a nuanced dialogue addressing the concepts and processes of borderlands. Gathering the voices of a diverse range of international scholars, *Globalizing Borderlands Studies in Europe and North America* presents case studies from ancient to modern times, highlighting topics ranging from religious conflicts to medical frontiers to petty trade. Spanning geographical regions of Europe, the Baltics, North Africa, the American West, and Mexico, these essays shed new light on the complex processes of boundary construction, maintenance, and crossing, as well as on the importance of economic, political, social, ethnic, and religious interactions in the borderlands. *Globalizing Borderlands Studies in Europe and North America* not only forges links between past and present scholarship but also paves the way for new models and approaches in future borderlands research"--
