1.	Record Nr.	UNINA9910452302903321
	Titolo	BIOMAT 2012 [[electronic resource]] : International Symposium on Mathematical and Computational Biology, Tempe, Arizona, USA, 6-10 November 2012 / / edited by Rubem P Mondaini
	Pubbl/distr/stampa	Singapore ; ; Hackensack, NJ, : World Scientific, c2013
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	Altri autori (Persone)	MondainiR (Rubem)
	Disciplina	570.15118
	Soggetti	Biology - Mathematical models Biomathematics Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Contents; Preface; Editorial Board of the BIOMAT Consortium; Professor C.E.M. Pearce - In Memoriam; Mathematical Epidemiology; Compartmental Age of Infection Epidemic Models Fred Brauer; 1. Epidemic models with homogeneous mixing; 1.1. The simple Kermack-McKendrick model; 1.2. Models with disease deaths; 1.3. More complicated epidemic models; 2. The age of infection epidemic model; 2.1. The initial exponential growth rate; 3. Heterogeneous mixing age of infection models; 3.1. The final size relations; 3.2. The initial exponential growth rate; 4. Different models for the same epidemic ReferencesMathematical Modelling of Infectious Diseases; Lyme Pathogen Transmission in Tick Populations with Multiple Host Species Yijun Lou, Jianhong Wu, Xiaotian Wu; 1. Introduction; 2. The Model and Analysis; 2.1. The Tick Population Dynamics; 2.2. The Global Dynamics; 3. Numerical Simulations; 3.1. Climate Warming Effects; 3.2. Host Diversity Effects; 3.2.1. Effects of Adding Alternative Hosts without Interspecific Host Competition; 3.2.2. Effects of Adding the Alternative Host with Interspecific Host Competition; 3.3. Sensitivity Analysis; 4. Discussion; Acknowledgements; References Quantifying the Risk of Mosquito-Borne Infections Basing on the Equilibrium Prevalence in Humans Marcos Amaku, Francisco A.B. Coutinho, Eduardo Massad1. Introduction; 2. The Model; 3. Estimating

Sommario/riassunto

This is a book of a series on interdisciplinary topics of the Biological and Mathematical Sciences. The chapters correspond to selected papers on special research themes, which were presented at BIOMAT 2012 International Symposium on Mathematical and Computational Biology, in Tempe, Arizona, USA, November 6-10. This book contains state-of-the art articles on special research topics on mathematical biology, biological physics and mathematical modeling of biosystems; comprehensive reviews on interdisciplinary areas written by prominent leaders of scientific research groups. The treatment is both

2.	Record Nr.	UNINA9910136082503321
	Autore	Bittner Ulrike
	Titolo	"Und wenn sich die lebenssituation andert, ist das o.k." : eine Untersuchung der evangelischen kirche als gemeinschaft unter den bedingungen postmoderner mobilitat / / Ulrike Bittner
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	ISBN	3-666-62438-3 3-647-62438-1
	Descrizione fisica	1 online resource (312 pages)
	Collana	Arbeiten zur Pastoraltheologie, Liturgik und Hymnologie ; ; Band 88
	Disciplina	280.409
	Soggetti	Protestant churches
	Lingua di pubblicazione	Tedesco
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	Nota di bibliografia	Includes bibliographical references and index.