

1. Record Nr.	UNINA9910453043803321
Titolo	Advances in disease epidemiology [[electronic resource] /] / Jean Michel Tchuenche and Zindoga Mukandavire, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-61728-766-0
Descrizione fisica	1 online resource (309 p.)
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Disciplina	614.4
Soggetti	Epidemiology - Mathematical models AIDS (Disease) - Epidemiology - Mathematical models 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	An avian influenza model and its fit to human avian influenza cases / Joseph Lucchetti, Manojit Roy and Maia Martcheva -- Gender differences in heterosexual transmission of HIV in urban and rural populations / Bernhard P. Konrad, Robert J. Smith and Frithjof Lutscher -- A partnership network simulation of the spread of sexually transmitted infections in Russia / Fatemeh Jafargholi and Chris T. Bauch -- Malaria control : the role of local communities as seen through a mathematical model in a changing population : Cameroon / Miranda I. Teboh-Ewungkem -- Application of optimal control to the epidemiology of HIV-malaria co-infection / F.B. Augusto -- Two strain HIV/AIDS model and the effects of superinfection / N.J. Malunguza ... [et al.] -- Modelling the transmission of multidrug-resistant and extensively drug-resistant tuberculosis / C.P. Bhunu and W. Garira -- HIV/AIDS and the use of mathematical models in the theoretical assessment of intervention strategies : a review / Zindoga Mukandavire ... [et al.] -- A model for the spread of HIV/AIDS in a two sex population / Ram Naresh, Agraj Tripathi and Dileep Sharma -- Fitting procedure for host-parasite systems / Henri E. Z. Tonnang and Jean M. Tchuenche.

