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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.

