1. Record Nr. UNINA9910463905403321

Autore	Zeraoulia Elhadj
Titolo	2-D quadratic maps and 3-D ODE systems [[electronic resource]] : a rigorous approach / / Elhadj Zeraoulia, Julien Clinton Sprott
Pubbl/distr/stampa	Singapore ; ; Hackensack, N.J., : World Scientific Pub. Co., c2010
ISBN	1-283-14459-X 9786613144591 981-4307-75-0
Descrizione fisica	1 online resource (342 p.)
Collana	World Scientific series on nonlinear science. Series A, Monographs and treatises, , 1793-1010 ; ; v. 73
Altri autori (Persone)	SprottJulien C
Disciplina	515.352
Soggetti	Forms, Quadratic Differential equations, Linear Bifurcation theory Differentiable dynamical systems Proof theory 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	Preface; Contents; Acknowledgements; 1. Tools for the rigorous proof of chaos and bifurcations; 2. 2-D quadratic maps: The invertible case; 3. Classification of chaotic orbits of the general 2-D quadratic map; 4. Rigorous proof of chaos in the double-scroll system; 5. Rigorous analysis of bifurcation phenomena; Bibliography; Index
Sommario/riassunto	This book is based on research on the rigorous proof of chaos and bifurcations in 2-D quadratic maps, especially the invertible case such as the Hnon map, and in 3-D ODE's, especially piecewise linear systems such as the Chua's circuit. In addition, the book covers some recent works in the field of general 2-D quadratic maps, especially their classification into equivalence classes, and finding regions for chaos, hyperchaos, and non-chaos in the space of bifurcation parameters. Following the main introduction to the rigorous tools used to prove chaos and bifurcations in the two representative systems, is the study of the invertible case of the 2-D quadratic map, where

	previous works are oriented toward Hnon mapping. 2-D quadratic maps are then classified into 30 maps with well-known formulas. Two proofs on the regions for chaos, hyperchaos, and non-chaos in the space of the bifurcation parameters are presented using a technique based on the second-derivative test and bounds for Lyapunov exponents. Also included is the proof of chaos in the piecewise linear Chua's system using two methods, the first of which is based on the construction of Poincare map, and the second is based on a computer-assisted proof. Finally, a rigorous analysis is provided on the bifurcational phenomena in the piecewise linear Chua's system using both an analytical 2-D mapping and a 1-D approximated Poincare mapping in addition to other analytical methods.

2.

Record Nr.	UNINA9910528896103321
Autore	Metcalf Linda
Titolo	Solution focused narrative therapy / / Linda Metcalf
Pubbl/distr/stampa	New York, New York : , : Springer Publishing Company, , [2017] ©2017
ISBN	9780826131775 0826131778
Descrizione fisica	1 online resource (213 pages)
Disciplina	616.89165
Soggetti	Narrative therapy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Introduces a Powerful New Brief Therapy Approach This groundbreaking book is the first to provide a comprehensive model for effectively blending the two main postmodern brief therapy approaches: solution-focused and narrative therapies. It harnesses the power of both models—the strengths-based, problem-solving approach of SFT and the value-honoring and re-descriptive approach

of Narrative Therapy--to offer brief, effective help to clients that builds on their strengths and abilities to envision and craft preferred outcomes. Authored by a leading trainer, teacher, and practitioner in the field, the book provides an overview of the history of both models and outlines their differences, similarities, limitations and strengths. It then demonstrates how to blend these two approaches in working with such issues as trauma, addictions, grief, relationship issues, family therapy and mood issues. Each concern is illustrated with a case study from practice with individual adults, adolescents, children, and families. Useful client dialogue and forms are included to help the clinician guide clients in practice. Each chapter concludes with a summary describing and reinforcing the principles of the topic and a personal exercise so the reader can experience the approach first hand. Key Features: Describes how two popular postmodern therapy models are combined to create a powerful new therapeutic approach—the first book to do so Includes case studies reflecting the model’s use with individual adults, children, adolescents, and families Provides supporting dialogue and forms for practitioners Authored by a leading figure in SFT and its application in a variety of setting Presents an overview of the history of both models

3. Record Nr. UNINA9910253931003321

Titolo	Antimicrobial Drug Resistance : Mechanisms of Drug Resistance, Volume 1 / / edited by Douglas L. Mayers, Jack D. Sobel, Marc Ouellette, Keith S. Kaye, Dror Marchaim
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-46718-2
Edizione	[2nd ed. 2017.]
Descrizione fisica	1 online resource (XXI, 773 p. 164 illus., 61 illus. in color.)
Disciplina	616.9041
Soggetti	Drug resistance Infectious diseases Drug Resistance Infectious Diseases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	History of Drug-Resistant Microbes -- Evolutionary Biology of Drug Resistance -- Pharmacology of Drug Resistance -- Drug Development for Drug-Resistant Pathogens -- Genetic Mechanisms of Transfer of Drug Resistance -- Mutations as a Basis of Antimicrobial Resistance -- Altered Drug Targets -- Enzymatic Modification of Drugs -- Reduced Drug Penetration -- Active Efflux Mechanism -- Biofilms -- Beta-Lactamases -- Penicillin Binding Proteins -- Aminoglycosides -- Tetracyclines and ChloramphenicolQuinolones -- Plasmid Mediated Quinolone Resistance to Macrolides, Lincosamides, and Streptogramins -- Mechanisms of Resistance in Metronidazole -- Glycopeptide-resistance in eneterococci -- Daptomycin Resistance -- Oxazolidinones -- PolymyxinsSulfonamides and Trimethoprim -- Antimycobacterial Agents -- Amphotericin (Polyenes) -- Azoles -- Flucytosine -- Echinocandins -- Antifungal Targets, Mechanisms of Action, and Resistance in Candida albicans -- Herpes Nucleoside Drugs -- Influenza Drugs -- HIV Nucleoside Drugs -- HIV Non-Nucleoside Drugs -- HIV Protease Inhibitors -- HIV Entry Inhibitors -- HIV Integrase Inhibitors -- Hepatitis B -- Hepatitis C -- Agents for anaerobic

protozoa -- Antimalarial Agents -- Agents for Leishmania -- Agents for Trypanosomes -- Agents for Toxoplasma -- Agents for Cryptosporidium -- Agents against Nematodes -- Agents against Trematodes and Cestodes -- Agents against Ectoparasites. .

Sommario/riassunto

The two volumes included in Antimicrobial Drug Resistance, Second Edition is an updated, comprehensive and multidisciplinary reference covering the area of antimicrobial drug resistance in bacteria, fungi, viruses, and parasites from basic science, clinical, and epidemiological perspectives. This newly revised compendium reviews the most current research and development on drug resistance while still providing the information in the accessible format of the first edition. The first volume, Antimicrobial Drug Resistance: Mechanisms of Drug Resistance, is dedicated to the biological basis of drug resistance and effective avenues for drug development. With the emergence of more drug-resistant organisms, the approach to dealing with the drug resistance problem must include the research of different aspects of the mechanisms of bacterial resistance and the dissemination of resistance genes as well as research utilizing new genomic information. These approaches will permit the design of novel strategies to develop new antibiotics and preserve the effectiveness of those currently available. The second volume, Antimicrobial Drug Resistance: Clinical and Epidemiological Aspects, is devoted to the clinical aspects of drug resistance. Although there is evidence that restricted use of a specific antibiotic can be followed by a decrease in drug resistance to that agent, drug resistance control is not easily achieved. Thus, the infectious diseases physician requires input from the clinical microbiologist, antimicrobial stewardship personnel, and infection control specialist to make informed choices for the effective management of various strains of drug-resistant pathogens in individual patients. This 2-volume set is an important reference for students in microbiology, infectious diseases physicians, medical students, basic scientists, drug development researchers, microbiologists, epidemiologists, and public health practitioners.