1. Record Nr. UNINA9910279856403321

Autore	Pellitteri, Antonino
Titolo	Sicilia e islam : tracciati oltre la storia / Antonino Pellitteri
Pubbl/distr/stampa	Milano : FrancoAngeli, 2016
ISBN	978-88-917-2860-9
Descrizione fisica	119 p. ; 21 cm
Collana	Temi di storia ; 230
Disciplina	945.8004927
Locazione	FSPBC
Collocazione	COLLEZ. 2073 (230) XIV E 4385
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910479881603321

Autore	Murray J. D (James Dickson)
Titolo	Mathematical biology [[electronic resource] /] / J. D. Murray
Pubbl/distr/stampa	Berlin, : Springer-Verlag, 1993
ISBN	9783662085424 (e-book) 9783540572046 (pbk.)
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (xiv, 767 p.) : ill
Collana	Biomathematics ; ; 19
Disciplina	570.15118
Soggetti	Biology - Mathematical models Biomathematics Biophysics Biological physics Statistics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Continuous Population Models for Single Species -- 2. Discrete Population Models for a Single Species -- 3. Continuous Models for Interacting Populations -- 4. Discrete Growth Models for Interacting Populations -- 5. Reaction Kinetics -- 6. Biological Oscillators and Switches -- 7. Belousov-Zhabotinskii Reaction -- 8. Perturbed and Coupled Oscillators and Black Holes -- 9. Reaction Diffusion, Chemotaxis and Non-local Mechanisms -- 10. Oscillator Generated Wave Phenomena and Central Pattern Generators -- 11. Biological Waves: Single Species Models -- 12. Biological Waves: Multi-species Reaction Diffusion Models -- 13. Travelling Waves in Reaction Diffusion Systems with Weak Diffusion: Analytical Techniques and Results -- 14. Spatial Pattern Formation with Reaction/Population Interaction Diffusion Mechanisms -- 15. Animal Coat Patterns and Other Practical Applications of Reaction Diffusion Mechanisms -- 16. Neural Models of Pattern Formation -- 17. Mechanical Models for Generating Pattern and Form in Development -- 18. Evolution and Developmental Programmes -- 19. Epidemic Models and the Dynamics of Infectious Diseases -- 20. Geographic Spread of Epidemics -- Appendices -- 1. Phase Plane

Analysis -- 2. Routh-Hurwitz Conditions, Jury Conditions, Descartes' Rule of Signs and Exact Solutions of a Cubic -- 3. Hopf Bifurcation Theorem and Limit Cycles -- 4. General Results for the Laplacian Operator in Bounded Domains.

Sommario/riassunto

Mathematics has always benefited from its involvement with developing sciences. Each successive interaction revitalises and enhances the field. Biomedical science is clearly the premier science of the foreseeable future. For the continuing health of their subject mathematicians must become involved with biology. With the example of how mathematics has benefited from and influenced physics, it is clear that if mathematicians do not become involved in the biosciences they will simply not be a part of what are likely to be the most important and exciting scientific discoveries of all time. Mathematical biology is a fast growing, well recognised, albeit not clearly defined, subject and is, to my mind, the most exciting modern application of mathematics. The increasing use of mathematics in biology is inevitable as biol-ogy becomes more quantitative. The complexity of the biological sciences makes interdisciplinary involvement essential. For the mathematician, biology opens up new and exciting branches while for the biologist mathematical modelling offers another research tool commmensurate with a new powerful laboratory technique but only if used appropriately and its limitations recognised. However, the use of esoteric mathematics arrogantly applied to biological problems by mathemati-cians who know little about the real biology, together with unsubstantiated claims as to how important such theories are, does little to promote the interdisciplinary involvement which is so essential. Mathematical biology research, to be useful and interesting, must be relevant biologically.

3. Record Nr. UNIORUON00159112

Autore	Casiri, Miguel
Titolo	Bibliotheca Arabico-Hispana Escurialensis / recensio et explanatio Michaelis Casiri
Pubbl/distr/stampa	Osnabrück, : Biblio Verl., 1969
Edizione	[Reprod. phototypica editionis Matriti: Perez de Soto,1760-1770]
Descrizione fisica	2 v. ; 31 cm
Classificazione	RARI ARA GEN C I
Soggetti	MADRID - BIBLIOTECA DELL'ESCORIAL - Cataloghi MANOSCRITTI ARABI - Cataloghi - Spagna
Lingua di pubblicazione	Arabo Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia