Mathematics

T. Andreeescu, The University of Texas at Dallas, Richardson, TX, USA; D. Andrica, Babeș-Bolyai University, Cluj-Napoca, Romania

**Complex Numbers from A to ... Z**

It is impossible to imagine modern mathematics without complex numbers. The second edition of Complex Numbers from A to ... Z introduces the reader to this fascinating subject that from the time of L. Euler has become one of the most utilized ideas in mathematics. The exposition concentrates on key concepts and then elementary results concerning these numbers. The reader learns how complex numbers can be used to solve algebraic equations and to understand the geometric interpretation of complex numbers and the operations involving them. The theoretical parts of the book are augmented with rich exercises and problems at various levels of difficulty.

**Features**
- Learn how complex numbers may be used to solve algebraic equations as well as their geometric interpretation.
- Theoretical aspects are augmented with rich exercises and problems at various levels of difficulty.
- A special feature is a selection of outstanding Olympiad problems solved by employing the methods presented.
- May serve as an engaging supplemental text for an introductory undergraduate course on complex numbers or number theory.

**Contents**
Preface.- Complex Numbers in Algebraic Form.- Complex Numbers in Trigonometric Form.- Complex Numbers and Geometry.- More on Complex Numbers and Geometry.- Olympiad-Caliber Problems.- Answers, Hints and Solutions to Proposed Problems.- Glossary.- References.- Index of Authors.

**Fields of interest**
Number Theory; Algebraic Geometry; Geometry

**Target groups**
Lower undergraduate

**Product category**
Undergraduate textbook

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S. Chatterjee, Stanford University, Stanford, CA, USA

**Superconcentration and Related Topics**

A certain curious feature of random objects, introduced by the author as “super concentration,” and two related topics, “chaos” and “multiple valleys,” are highlighted in this book. Although super concentration has established itself as a recognized feature in a number of areas of probability theory in the last twenty years (under a variety of names), the author was the first to discover and explore its connections with chaos and multiple valleys. He achieves a substantial degree of simplification and clarity in the presentation of these findings by using the spectral approach.

**Features**
- First book devoted to the topic of super concentration, chaos and multiple valleys.
- Presents a wide array of examples on the subject.
- Integrates new concepts and gives a systematic account of the history and development of the features of random objects.

**Contents**

**Fields of interest**
Probability Theory and Stochastic Processes; Mathematical Physics; Statistical Physics; Dynamical Systems and Complexity

**Target groups**
Research

**Product category**
Monograph

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A. Contin, P. Paolini, R. Salerno, Politecnico di Milano, Milano, Italy (Eds)

**Innovative Technologies in Urban Mapping**

**Built Space and Mental Space**

The book presents a comprehensive vision of the impact of ICT on the contemporary city, heritage, public spaces and mega-cities on both urban and metropolitan scales, not only in producing innovative perspectives but also related to newly discovered scientific methods, which can be used to stimulate the emerging reciprocal relations between cities and information technologies.

**Features**
- Multidisciplinary and innovative use of ICT in urban studies and fast growing cities.
- Presenting new and original research in both theoretical and practical fields.
- Presenting newly discovered scientific methods.

**Contents**
Part I The Academic Question of Research.- Part II The Institution’s claim.- Part III Technologies for communicating architecture and urban spaces.- Part IV Modelling tool software, Processing language and environment methodology, urban simulation and projects evaluation.- Part V Advanced digital design and manufacturing technologies and Architectonic and Urban design project.- Part VI Critical reactions: A bridge between academic core concepts and new PhD researches.

**Fields of interest**
Mathematical Software; Computer Systems Organization and Communication Networks; Multimedia Information Systems

**Target groups**
Research

**Product category**
Contributed volume

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Birkhäuser

Due January 2014

2nd ed. 2014. X, 435 p. 81 illus. Softcover
- *€ (D) 48,14 | € (A) 49,49 | sFr 60,00
- € 44,99 | £40.99

Due May 2014

- *€ (D) 90,94 | € (A) 93,49 | sFr 113,50
- € 84,99 | £76.50
ISBN 978-3-319-03885-8

Due December 2013

2014. Approx. 200 p. (SxI - Springer for Innovation / Sxl - Springer per l’Innovazione, Volume 10) Softcover
- *€ (D) 90,94 | € (A) 93,49 | sFr 113,50
- € 84,99 | £76.50
ISBN 978-3-319-03797-4
Covering Walks in Graphs

Covering Walks in Graphs is aimed at researchers and graduate students in the graph theory community and provides a comprehensive treatment on measures of two well studied graphical properties, namely Hamiltonicity and traversability in graphs. This text looks into the famous Königsberg Bridge Problem, the Chinese Postman Problem, the Icosian Game and the Traveling Salesman Problem as well as well-known mathematicians who were involved in these problems. The concepts of different spanning walks with examples and present classical results on Hamiltonian numbers and upper Hamiltonian numbers of graphs are described; in some cases, the authors provide proofs of these results to illustrate the beauty and complexity of this area of research. Two new concepts of traceable numbers of graphs and traceable numbers of vertices of a graph which were inspired by and closely related to Hamiltonian numbers are introduced. Results are illustrated on these two concepts and the relationship between traceable concepts and Hamiltonian concepts are examined.

Features

- Provides a comprehensive treatment on measures of Hamiltonicity and traversability in graphs
- Contains intriguing open problems and conjectures on spanning walks in graphs
- Describes new frame works for several well-known Hamiltonian concepts with interesting new results

Contents

- 1. Eulerian Walks
- 2. Hamiltonian Walks
- 3. Traceable Walks
- References

Fields of interest

Graph Theory; Combinatorics; Applications of Mathematics

Target groups

Research

Product category

Brief

Due January 2014

2014. X, 118 p. 37 illus., 11 in color. (SpringerBriefs in Mathematics) Softcover

- € (D) 53,49 | € (A) 54,99 | sFr 67,00
- € 49,99 | £44.99


19
New Series
SpringerBriefs in Optimization

Series editors: P. M. Pardalos, S. M. Robinson

SpringerBriefs present concise summaries of cutting-edge research and practical applications across a wide spectrum of fields. Featuring compact volumes of 50 to 125 pages, the series covers a range of content from professional to academic. Briefs are characterized by fast, global electronic dissemination, standard publishing contracts, standardized manuscript preparation and formatting guidelines, and expedited production schedules. Typical topics might include: A timely report of state-of-the art techniques, A bridge between new research results, as published in journal articles, and a contextual literature review. A snapshot of a hot or emerging topic, An in-depth case study, A presentation of core concepts, A timely and important report of state-of-the-art techniques, A bridge between theoretical aspects of D-optimal matrices and their applications. The Theory of the Top. Volume IV: Technical Applications of the Theory of the Top is the fourth and final volume in a series of self-contained English translations of the classic and definitive treatment of rigid body motion. Key features: * Complete and unabridged presentation with recent advances and additional notes; * Annotations by the translators provide insights into the nature of science and mathematics in the late 19th century; * Each volume interweaves theory and applications. The Theory of the Top was originally presented by Felix Klein as an 1895 lecture at Göttingen University that was broadened in scope and clarified as a result of collaboration with Arnold Sommerfeld. Graduate students and researchers interested in theoretical and applied mechanics will find this series of books a thorough and insightful account.

Features
► Provides insights into kinematic theory
► Discusses practical uses of applied theoretical mechanics
► Incorporates both historical matter and recent advances

Contents
Chapter IX: Technical applications.

Fields of interest
History of Mathematical Sciences; Mathematical Methods in Physics; Mechanics

Target groups
Research

Product category
Monograph

D-Optimal Matrices

This is the first book devoted to the computational aspects of D-optimal matrices. The monograph presents a compendium of known algorithmic techniques used to search for D-optimal matrices of a specific type and a unique approach in searching for D-optimal matrices as combinatorial optimization problems. The application of each algorithm is illustrated with fully worked examples. New results on D-optimal matrices are also stated and proven.

Features
► There is no book devoted to the computational aspects of D-optimal matrices
► Most algorithms used to look for D-optimal matrices are scattered in research papers
► Phrasing the problem of searching for D-optimal matrices as a Combinatorial Optimization problem has never been done before in the literature

Contents

Fields of interest
Mathematical Modeling and Industrial Mathematics; Quality Control, Reliability, Safety and Risk; Statistics, general

Target groups
Research

Product category
Brief

Due April 2014
2014. XIV, 250 p. 25 illus. Hardcover
► approx. * € (D) 69,44 | € (A) 71,39 | sFr 115,00
► approx. € 64,90 | £59.99
ISBN 978-0-8176-4826-8

Due September 2014
2014. IV, 104 p. 20 illus. (SpringerBriefs in Optimization) Softcover
► approx. * € (D) 33,45 | € (A) 54,95 | sFr 72,00
► approx. € 49,95 | £44.99
ISBN 978-1-4419-9343-4
Mathematics

**Dispersive Equations and Nonlinear Waves**

**Generalized Korteweg–de Vries, Nonlinear Schrödinger, Wave and Schrödinger Maps**

The first part of the book provides an introduction to key tools and techniques in dispersive equations: Strichartz estimates, bilinear estimates, modulation and adapted function spaces, with an application to the generalized Korteweg-de Vries equation and the Kadomtsev-Petviashvili equation. The energy-critical nonlinear Schrödinger equation, global solutions to the defocusing problem, and scattering are the focus of the second part. Using this concrete example, it walks the reader through the induction on energy technique, which has become the essential methodology for tackling large data critical problems.

**Features**
- Exposition of central ideas in dispersive equations
- Basic techniques and function spaces
- Coherent introduction to induction on energy, minimal blowup solutions and interaction
- Morawetz estimates
- Introduction to gauge transform, choice of functions spaces, and control of interacting waves

**Contents**
Local existence of solutions to the initial value problem for dispersive equations. - The energy critical nonlinear Schrödinger equation. - Wave maps and Schrödinger maps.

**Field of interest**
Partial Differential Equations

**Target groups**
Graduate

**Product category**
Graduate/Advanced undergraduate textbook

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**Value-Oriented Risk Management of Insurance Companies**

Value- and risk-oriented management is a holistic method of managing businesses. In this book both actuarial methods and methods pertaining to classical internal control and classical risk management are used. Therefore the approach taken is necessarily interdisciplinary. Indeed, there is a new dynamically developing field for actuaries as a result of the emphasis now on the measurement of risk. This book provides the required basic knowledge for this subject from an actuarial perspective. It enables the reader to implement in practice a risk management system that is based on quantitative methods.

**Features**
- Combines a discussion of practical methods for risk management with a precise presentation of the mathematical concepts on which these methods are based
- Contains R-scripts which can be used as a starting point for an implementation of the methods presented
- Prepares the reader for modern risk management, which is consistent with the guidelines of the international association of insurance supervisors, and in particular with Solvency II

**Contents**

**Fields of interest**
Actuarial Sciences; Insurance; Statistics for Business/Economics/Mathematical Finance/Insurance

**Target groups**
Graduate

**Product category**
Graduate/Advanced undergraduate textbook

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**Slow Viscous Flow**

Leonardo wrote, 'Mechanics is the paradise of the mathematical sciences, because by means of it one comes to the fruits of mathematics'; replace 'Mechanics' by 'Fluid mechanics' and here we are.

**Features**
- New edition of a classic text, incorporating nearly 50 years of progress and innovation since the first edition
- Teaches the basic principles of fluid mechanics and solves fluid flow problems where viscous effects are the dominant physical phenomena
- Updated and expanded coverage of topics relevant to nanotechnology and thin film hydrodynamics, hydromagnetic effects, radiative heat transfer and more
- The basic equations of fluid dynamics are developed in more detail than in other texts
- A variety of fluid flow problems are treated in a way that supplements the existing literature

**Contents**

**Fields of interest**
Approximations and Expansions; Applications of Mathematics; Computational Mathematics and Numerical Analysis

**Target groups**
Graduate

**Product category**
Graduate/Advanced undergraduate textbook

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**Due February 2014**

2014. XII, 380 p. 48 illus. (EAA Series) Softcover

**Features**
- € (D) 64,19 | € (A) 65,99 | sFr 80,00
- ISBN 978-3-11-03834-6

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**Due February 2014**

2014. XII, 380 p. 48 illus. (EAA Series) Softcover

**Features**
- € (D) 64,19 | € (A) 65,99 | sFr 80,00
- ISBN 978-3-11-03834-6

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**Due July 2014**

2014. Approx. 250 p. (Oberwolfach Seminars, Volume 45) Softcover

**Features**
- € (D) 42,75 | € (A) 43,95 | sFr 53,50
- ISBN 978-3-0348-0735-7
Mathematics

G. V. Milovanovic, Serbian Academy of Sciences and Arts, Belgrade, Serbia; M. T. Rassias, ETH Zürich, Zürich, Switzerland (Eds)

Analytic Number Theory, Approximation Theory, and Special Functions
In Honor of Hari M. Srivastava

Contents

Fields of interest
Number Theory; Approximations and Expansions; Functional Analysis

Target groups
Research

Product category
Contributed volume

Y. Orlov, CICESE Research Center, Ensenada, Mexico; L.T. Aguilar, Instituto Politécnico Nacional, Tijuana, Mexico

Advanced H∞ Control
Towards Nonsmooth Theory and Applications

This compact monograph is focused on disturbance attenuation in nonsmooth dynamic systems, developing an H∞ approach in the nonsmooth setting.

Features
► Provides a unique treatment of disturbance attenuation in nonsmooth systems
► Combines the most popular robust control models (H-infinity, backstepping, and sliding mode)
► Contains electromechanical applications with underactuation and complex phenomena
► Rigorous theoretical development supported by experimental results

Contents
Part I Introduction.- 1 Linear H1 control of autonomous systems.- 2 LMI approach in infinite dimensional setting.- 3 Linear H1 control of time-varying systems.- 4 Nonlinear H1 control.- Part II Nonsmooth H1 Control.- 5 Elements of nonsmooth analysis.- 6 Synthesis of nonsmooth systems.- 7 LMI-based H1 boundary control of nonsmooth parabolic and hyperbolic systems.- Part III Benchmark Applications.- 8 Advanced H1 synthesis of fully actuated robot manipulators with frictional joints.- 9 Nonsmooth H1 synthesis in the presence of backlash.- 10 H1 generation of periodic motion.- 11 LMI-based H1 synthesis of the current profile in tokamak plasmas.- References.- Index.

Fields of interest
Systems Theory; Control; Vibration, Dynamical Systems, Control; Dynamical Systems and Ergodic Theory

Target groups
Research

Product category
Monograph

Due February 2014

2014. XX, 398 p. 43 illus. Hardcover
► € (D) 48,14 | € (A) 49,49 | sFr 60,00
► £ 44.99 | £40.99

M. A. Pons, North Central College, Naperville, IL, USA

Real Analysis for the Undergraduate
With an Invitation to Functional Analysis

This undergraduate textbook introduces students to the basics of real analysis, provides an introduction to more advanced topics including measure theory and Lebesgue integration, and offers an invitation to functional analysis. While these advanced topics are not typically encountered until graduate study, the text is designed for the beginner. The author’s engaging style makes advanced topics approachable without sacrificing rigor. The text also consistently encourages the reader to pick up a pencil and take an active part in the learning process. Key features include: - examples to reinforce theory; - thorough explanations preceding definitions, theorems and formal proofs; - illustrations of the authors’ work and projects. The text is designed for a one-year course, but can also be adapted to a two-semester sequence.

Features
► Engaging style makes complex concepts accessible to a broad audience
► Examples and illustrations accompany formal proofs
► Over 450 exercises help readers develop connections between the concrete and abstract

Contents

Fields of interest
Analysis; Real Functions; Functional Analysis

Target groups
Upper undergraduate

Product category
Undergraduate textbook

Due February 2014

2014. XII, 241 p. 36 illus. Hardcover
► € (D) 90,94 | € (A) 93,49 | sFr 113,50
► £ 84.99 | £76.50

Due February 2014

2014. XXII, 800 p. 23 illus., 8 in color. Hardcover
► € (D) 149,79 | € (A) 153,99 | sFr 186,50
► £ 139.99 | £126.00
ISBN 978-1-4939-0257-6

Real Analysis for the Undergraduate
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Analysis; Real Functions; Functional Analysis

Target groups
Upper undergraduate

Product category
Undergraduate textbook

Due February 2014

2014. XII, 241 p. 36 illus. Hardcover
► € (D) 90,94 | € (A) 93,49 | sFr 113,50
► £ 84.99 | £76.50
A Direct Method for Parabolic PDE Constrained Optimization Problems

Andreas Potschka discusses a direct multiple shooting method for dynamic optimization problems constrained by nonlinear, possibly time-periodic, parabolic partial differential equations. In contrast to indirect methods, this approach automatically computes adjoint derivatives without requiring the user to formulate adjoint equations, which can be time-consuming and error-prone. The author describes and analyzes in detail a globalized inexact Sequential Quadratic Programming method that exploits the mathematical structures of this approach and problem class for fast numerical performance. The book features applications, including results for a real-world chemical engineering separation problem.

Feature
► Publication in the field of natural sciences

Contents
Parabolic PDE Constrained Optimization Problems. - Two-Grid Newton-Picard Inexact SQP. - Structure Exploiting Solution of QPs. - Applications, including results for a real-world chemical engineering separation problem.

Fields of interest
Optimization; Mathematics, general; Biochemical Engineering

Target groups
Research

Product category
Monograph

Due December 2013
2014. XIV. 216 p. 30 illus. (Advances in Numerical Mathematics) Softcover
► € (D) 74.89 | € (A) 76.99 | sFr 93.50
► € 69.99 | £62.99
ISBN 978-3-658-04475-6

F. Puexelsheim, Universität Augsburg Institut für Mathematik, Augsburg, Germany

Proportional Representation

The book offers a rigorous description of the procedures that proportional representation systems use to translate vote counts into seat numbers.

Features
► With a foreword by Andrew Duff, MEP
► A rigorous study of electoral systems in Europe
► A detailed compendium of provable quantitative properties in representation systems
► Examples of method intrinsic properties: seat biases, majorization relations, double proportionality, and many more

Contents

Fields of interest
Game Theory, Economics, Social and Behavioral Sciences; Statistics for Social Science, Behavioral Science; Education, Public Policy, and Law; Political Science, general

Target groups
Graduate

Product category
Graduate/Advanced undergraduate textbook

Due January 2014
2014. X. 250 p. Softcover
► € (D) 53.49 | € (A) 54.99 | sFr 67.00
► € 49.99 | £44.99
ISBN 978-3-319-03855-1

A. Quarteroni, École Polytechnique Fédérale de Lausanne Chaire de Modélisation, Lausanne, Switzerland; R. Sacco, Politecnico di Milano MOX, Milan, Italy; P. Gervasio, Università di Brescia, Brescia, Italy

Matematica Numerica

La Matematica Numerica è elemento fondante del calcolo scientifico. Punto di contatto di diverse discipline nella matematica e nelle moderne scienze applicate, ne diventa strumento di indagine qualitativa e quantitativa. Scopo di questo testo è fornire i fondamenti metodologici della matematica numerica, richiamandone le principali proprietà, quali la stabilità, l’accuratezza e la complessità algoritmica. Nel contesto di ogni specifica classe di problemi vengono illustrati gli algoritmi più idonei, ne viene fatta l’analisi teorica e se ne verificano i risultati previsti implementandoli con ausilio di programmi in linguaaggio MATLAB. Il volume è indirizzato principalmente agli studenti delle facoltà scientifiche, con particolare attenzione ai corsi di laurea in Ingegneria, Matematica e Scienze dell’Informazione. Lentissima posta sullo sviluppo di software lo rende interessante anche per ricercatori e utilizatori delle tecniche del calcolo scientifico nei campi professionali più disparati.

Features
► La Matematica Numerica è elemento fondante del calcolo scientifico
► Fornisce i fondamenti metodologici della matematica numerica
► Indirizzato principalmente agli studenti delle facoltà scientifiche

Fields of interest
Mathematics, general; Applications of Mathematics; Analysis

Target groups
Research

Product category
Libro di testo introduttivo

Pubblicazione prevista per il mese di March 2014
4a ed. 2014. Approx. 550 pagg. (UNITEXT / La Matematica per il 3+2, Volume 78) Brossura
► approx. * € (D) 46.29 | € (A) 47.59 | sFr 58.00
► approx. € 43.26 | £38.99

23
Mathematical Models and Methods for Plasma Physics, Volume 1

Fluid Models

This monograph is dedicated to the derivation and analysis of fluid models occurring in plasma physics. It focuses on models involving quasi-neutrality approximation, problems related to laser propagation in a plasma, and coupling plasma waves and electromagnetic waves. Applied mathematicians will find a stimulating introduction to the world of plasma physics and a few open problems that are mathematically rich.

Features

- Centralizes results that were strewn in different research papers and inaccessible by physicists.
- The derivations of some classical plasma models are explained from a mathematical point of view.
- Rigorous asymptotic analysis tools are used to justify classical physical approximations.

Contents

Chapter 1. Introduction. Some Plasma characteristic quantities.
Chapter 3. Laser propagation. Coupling with ion acoustic waves.
Chapter 4. Langmuir waves and Zakharov equations.
Chapter 5. Coupling electron waves and laser waves.
Chapter 6. Models with several species.
Appendix.

Fields of interest

Mathematical Applications in the Physical Sciences; Plasma Physics; Mathematical Methods in Physics

Target groups

Research

Product category

Monograph

Due February 2014

2014. X, 200 p. 15 illus., 10 in color. (Modeling and Simulation in Science, Engineering and Technology) Hardcover

► * € (D) 90,94 | € (A) 93,49 | sFr 113,50
► € 84,99 | £76.50
ISBN 978-3-319-03803-2

Mathematics

J. Sesiano, Ecole polytechnique fédérale, Lausanne, Switzerland

Liber Mahameleth

Contents

Part I. - 1. The rebirth of mathematics in medieaval Europe.
Part II. - 2. The Liber mahameleth.
Part V. - 5. Mathematics in the Liber mahameleth.
Part VI. - 6. The edited Latin text.
Part VII. - Translation.

Beginning of the Book (on) mahameleth.
- A-I. on Numbers.
- A-II. on the Premises necessary for practical arithmetic.
- A-IV. on Division.
- A-V. on the Multiplication of fractions.
- A-VI. on the Addition of fractions to fractions.
- A-VII. on Subtracting.
- A-VIII. on the Division of fractions, with or without integers.
- A-IX. on the Determination of roots and on their multiplication, division, subtraction, addition and other related subjects.
- Beginning of the Second Part.
- B-I. on Buying and selling.
- B-II. on Profits.
- B-III. on Profit in partnership.
- B-IV. on Division according to portions.
- B-V. on Masses.
- B-VI. on Drapery.
- B-VII. on Linens.
- B-VIII. on Gridding.
- B-IX. on Boiling must.
- B-X. on Borrowing.
- B-XI. on Hiring.
- B-XII. on the Diversity of workers’ wages.
- B-XIII on Hiring carriers.
- B-XIV. on Hiring stone-cutters.
- B-XV. on the Consumption of oil by lamps.
- B-XVI. on the Consumption of bread by men.
- B-XVII. on the Exchange of morabitini.
- B-XIX. on Cisterns.
- XX. on Ladders.
- XXI. on Another topic.
- XXII. on Messengers.
- XXIII. on Another topic.
- Glossary.
- Part III. - Mathematical Commentary. Book A.
- A-IV. Division of integers.
- A-VI. Addition of fractions.
- A-VII. Subtraction of fractions.
- A-VIII. Division of fractions.

Fields of interest

History of Mathematical Sciences; Algebra; Sequences, Series, Summability

Target groups

Research

Product category

Monograph

Due January 2014

2014. XCVIII, 1738 p. 465 illus. (Sources and Studies in the History of Mathematics and Physical Sciences) Hardcover

► approx. * € (D) 448,33 | € (A) 460,90 | sFr 551,50
► approx. € 419,00 | £373.00
ISBN 978-3-319-03939-8

Elliptic Partial Differential Equations

Volume 2: Reaction-Diffusion Equations

If we had to formulate in one sentence what this book is about, it might be “How partial differential equations can help to understand heat explosion, tumor growth or evolution of biological species”. These and many other applications are described by reaction-diffusion equations. The theory of reaction-diffusion equations appeared in the first half of the last century.

Features

- Offers a systematic investigation of reaction-diffusion equations including existence, stability and bifurcations of solutions.
- Presents numerous examples and applications from population dynamics, chemical physics, biomedical models.
- Sequel to successful first volume

Contents

I. Introduction to the theory of reaction-diffusion equations.
- Chapter 1. Reaction-diffusion processes, models and applications.
- Chapter 3. Reaction-diffusion problems in bounded domains.
- Chapter 4. Reaction-diffusion problems on the whole axis.
- Chapter 5. Monotone systems.
- Chapter 6. Reaction-diffusion problems with convection.
- Chapter 7. Reaction-diffusion systems with different diffusion coefficients.
- Chapter 8. Nonlinear boundary conditions.
- Chapter 10. Multi-scale models in biology.

Field of interest

Partial Differential Equations

Target groups

Research

Product category

Monograph

Due May 2014


► approx. * € (D) 149,79 | € (A) 153,99 | sFr 186,50
► approx. € 139,99 | £126.00
ISBN 978-3-319-08121-5