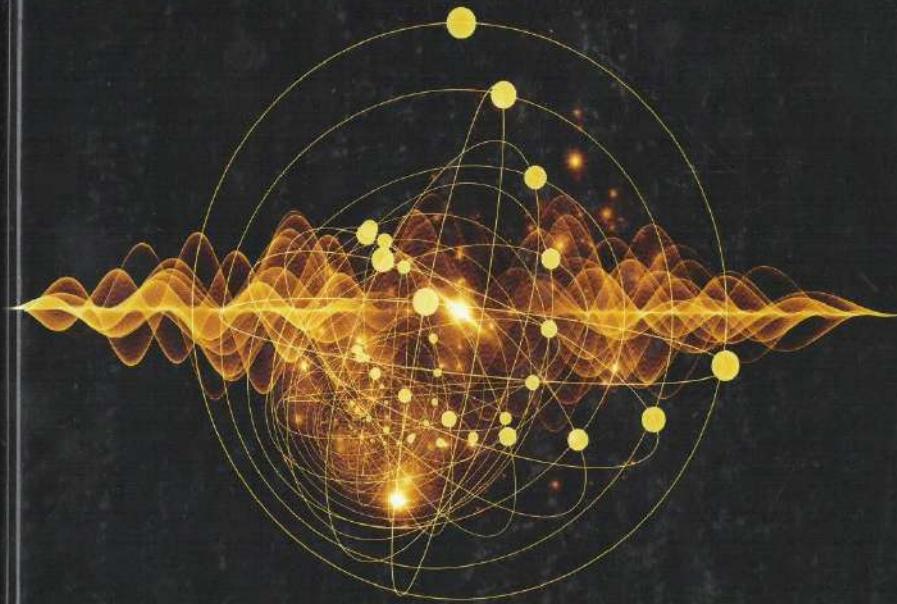


**BITS PILANI – HYDERABAD CAMPUS
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(16 September – 22 September, 2019)

BITS Pilani
Hyderabad Campus

Quantum Spin Glasses, Annealing and Computation



Shu Tanaka
Ryo Tamura
Bikas K. Chakrabarti



Acc. No : 35084

Call No : 004.1 TAN-S

Quantum annealing is a new-generation tool of information technology, which helps in solving combinatorial optimization problems with high precision, based on the concepts of quantum statistical physics. Detailed discussion on quantum spin glasses and its application in solving combinatorial optimization problems is required for better understanding of quantum annealing concepts. Fulfilling this requirement, the book highlights recent development in quantum spin glasses including Nishimori line, replica method and quantum annealing methods along with the essential principles. Separate chapters on simulated annealing, quantum dynamics and classical spin models are provided for enhanced...



Acc. No : 38194

Call No : 006.696 CHU-R

Creative professionals seeking the fastest, easiest, most comprehensive way to learn Adobe Animate choose Adobe Animate CC Classroom in a Book (2018 release) from Adobe Press. The 12 project-based step-by-step lessons in this book show users the key techniques for working in Animate. Adobe Animate CC provides more expressive tools, powerful controls for animation and robust support for playback across a wide variety of platforms. Learn how to use and create vector-based brushes for painterly effects. Gain more advanced control over complex animations with the Camera tool and learn to focus the action on different parts of the Stage. Explore the new Layer Depth panel which...

"REMARKABLE."
—BOB IGER

"BRILLIANT."
—RAY KURZWEIL



THE SOCIAL ORGANISM



A RADICAL UNDERSTANDING
OF SOCIAL MEDIA TO TRANSFORM
YOUR BUSINESS AND LIFE



OLIVER LUCKETT & MICHAEL J. CASEY



Acc. No : 36940

Call No : 302.231 LUC-O

In barely a decade, social media has positioned itself at the center of twenty-first century life. The combined power of platforms like Facebook, Twitter, Instagram, Snapchat, and Vine have helped topple dictators and turned anonymous teenagers into celebrities overnight. In the social media age, ideas spread and morph through shared hashtags, photos, and videos, and the most compelling and emotive ones can transform public opinion in mere days and weeks, even attitudes and priorities that had persisted for decades. How did this happen? The scope and pace of these changes have left traditional businesses--and their old-guard marketing gatekeepers--bewildered. We simply do not comprehend social media's...

We Who Wove *with* Lotus Thread

Summoning Community in South India

Aarti Kawlra

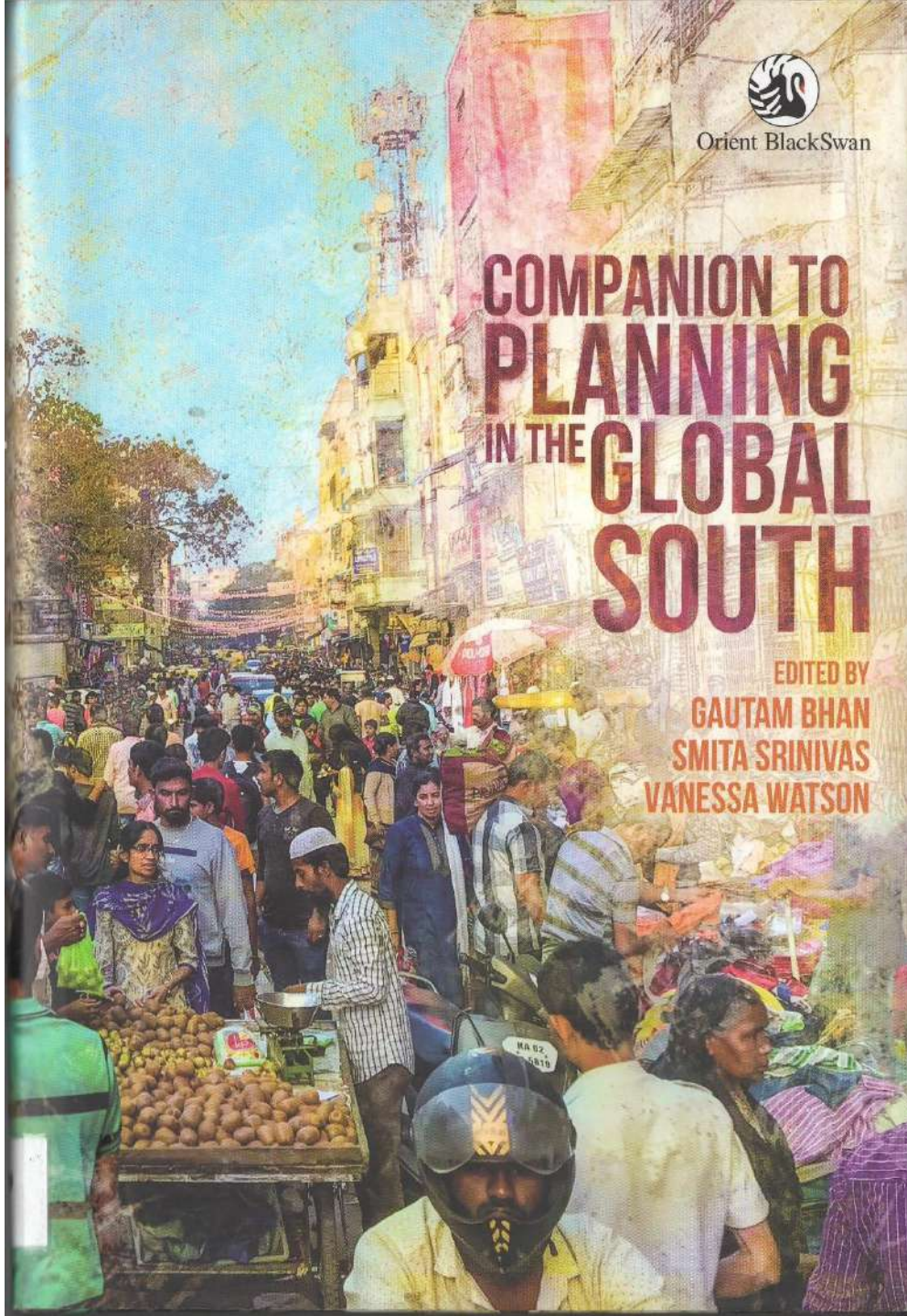
With a Foreword by Prasannan Parthasarathi



Acc. No : 36743

Call No : 305.8009 KAW-A

Our thread is different from the thread of the Brahmin. They have the Vedas, we have weaving. We Who Wove is the first in-depth ethnographic study of the Telugu-speaking Padma Saliyars of Tamil Nadu, who claim a high status among hereditary weaving castes. The Padma Saliyars consider themselves 'on par' with Brahmins, claiming difference through their 'thread' and the divinely ordained work of weaving. Their origin myth as recorded in the Bhavanarishi Puranam pronounces weaving as a divine boon, referring to their longstanding recognition and status as those who wove with lotus thread. Approaching community not as a closed and unchanging world but as a dynamic one, the study contributes to the growing...



Acc. No : 36599

Call No : 307.1209 BHA-G

The Companion to Planning in the Global South offers a collection of essays on planning in parts of the world which, more often than not, are unrecognised or unmarked in mainstream planning texts. This edition is particularly timely for a South Asian audience, given the emerging debates on cities and urbanization in India, as well as on both planning practice and education. The global South is home to much of the urbanization of the 21st century; and the need of the hour is no longer to fill a 'gap' that leaves this 'mainstream' unquestioned, but to re-theorise planning from these geographies and from a commitment to diverse modes of practice. This volume will be of interest to urbanists...

Habitat Suitability and Distribution Models

With Applications in R



Antoine Guisan, Wilfried Thuiller
and Niklaus E. Zimmermann

CAMBRIDGE



Acc. No : 37598

Call No : 333.954 GUI-A

This book introduces the key stages of niche-based habitat suitability model building, evaluation and prediction required for understanding and predicting future patterns of species and biodiversity. Beginning with the main theory behind ecological niches and species distributions, the book proceeds through all major steps of model building, from conceptualization and model training to model evaluation and spatio-temporal predictions. Extensive examples using R support graduate students and researchers in quantifying ecological niches and predicting species distributions with their own data, and help to address key environmental and conservation problems. Reflecting this highly active field of...



Acc. No : 37675

Call No : 338.51 MUN-M

With the growing popularity of apps such as Uber and Airbnb, there has been a keen interest in the rise of the sharing economy. Michael C. Munger brings these new trends in the economy down to earth by focusing on their relation to the fundamental economic concept of transaction costs. In doing so Munger brings a fresh perspective on the 'sharing economy' in clear and engaging writing that is accessible to both general and specialist readers. He shows how, for the first time, entrepreneurs can sell reductions in transaction costs, rather than reductions in the costs of the products themselves. He predicts that smartphones will be used to commodify excess capacity, and reaches the controversial...

TOMORROW 3.0

Transaction Costs and the
Sharing Economy

MICHAEL C. MUNGER

51
M



Acc. No : 38474

Call No : 364.1523 DAG-R

The missing girls in India are not a new phenomenon. The British passed an Act to check female infanticide more than 100 years ago. Since 1960, India's birth sex ratios have progressively declined from 994 to 910, implicating life-affecting gender violence. Backed by extensive field research, data and interviews, this book explores girl child deselection through cultural neglect, female infanticide and foeticide, and the role of caste and religion. The book spans critical socio-historical contexts and examines the practice of selective right to life. It views the effects of militancy and khaap panchayats, and studies women's rights discourses and protective legal reforms. The gender imbalance is mapped globally and analysed...

Gender, Identity and Violence

Female Deselection in India

Rainuka Dagar

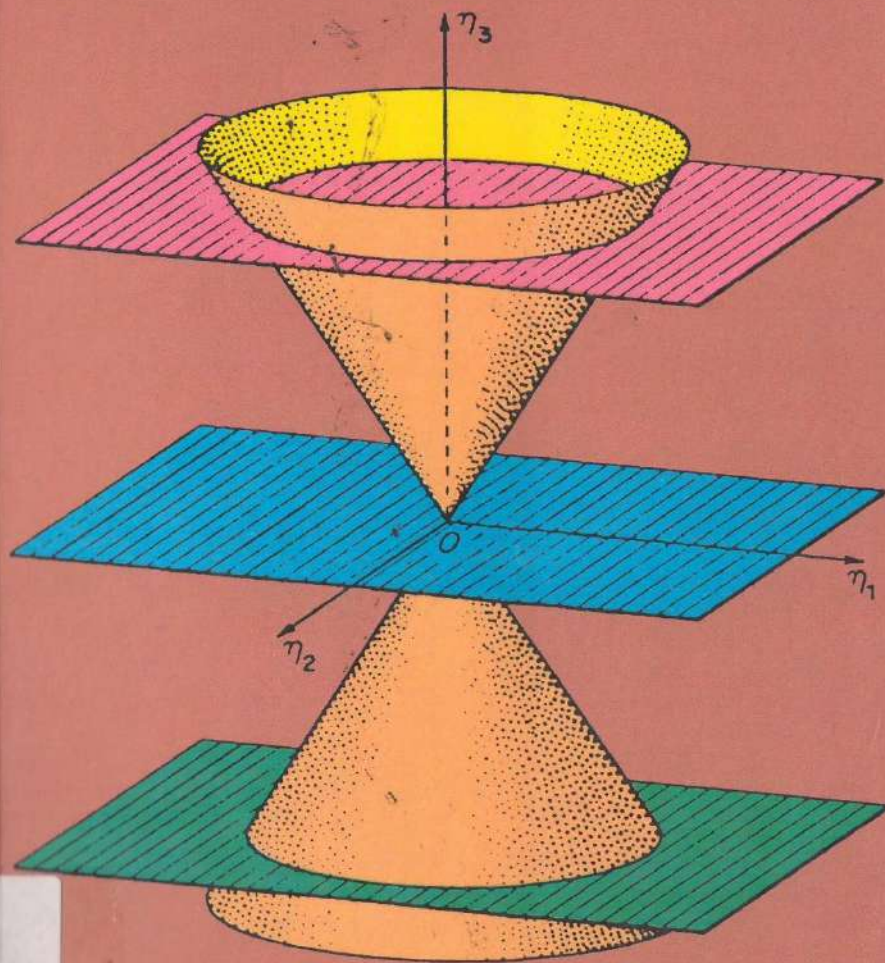


A Routledge India Original

SOUTH ASIA EDITION

LINEAR ALGEBRA

GEORGI E. SHILOV



Revised English Edition Translated & Edited by Richard A. Silverman



Acc. No : 37877

Call No : 512.5 SHI-G

Covers determinants, linear spaces, systems of linear equations, linear functions of a vector argument, coordinate transformations, the canonical form of the matrix of a linear operator, bilinear and quadratic forms, Euclidean spaces, unitary spaces, quadratic forms in Euclidean and unitary spaces, finite-dimensional space. Linear Algebra (Dover Books on Mathematics) is a book that provides a good introduction to the subject of Linear Algebra. Translated from the original Russian book, this book covers a lot of material. It has been written by a former professor of mathematics. This book is not at the introductory level. It requires a level of mathematical knowledge and competence. The author provides a lot of proofs and...

Robert Gilmore

Lie Groups, Lie Algebras, and Some of Their Applications



Acc. No : 37867

Call No : 512.55 GIL-R

Lie group theory plays an increasingly important role in modern physical theories. Many of its calculations remain fundamentally unchanged from one field of physics to another, altering only in terms of symbols and the language. Using the theory of Lie groups as a unifying vehicle, concepts and results from several fields of physics can be expressed in an extremely economical way. With rigor and clarity, this text introduces upper-level undergraduate students to Lie group theory and its physical applications. An opening discussion of introductory concepts leads to explorations of the classical groups, continuous groups and Lie groups, and Lie groups and Lie algebras. Some simple but illuminating examples...

INTRO- DUCTORY COMPLEX ANALYSIS

RICHARD A.
SILVERMAN



Acc. No : 37878

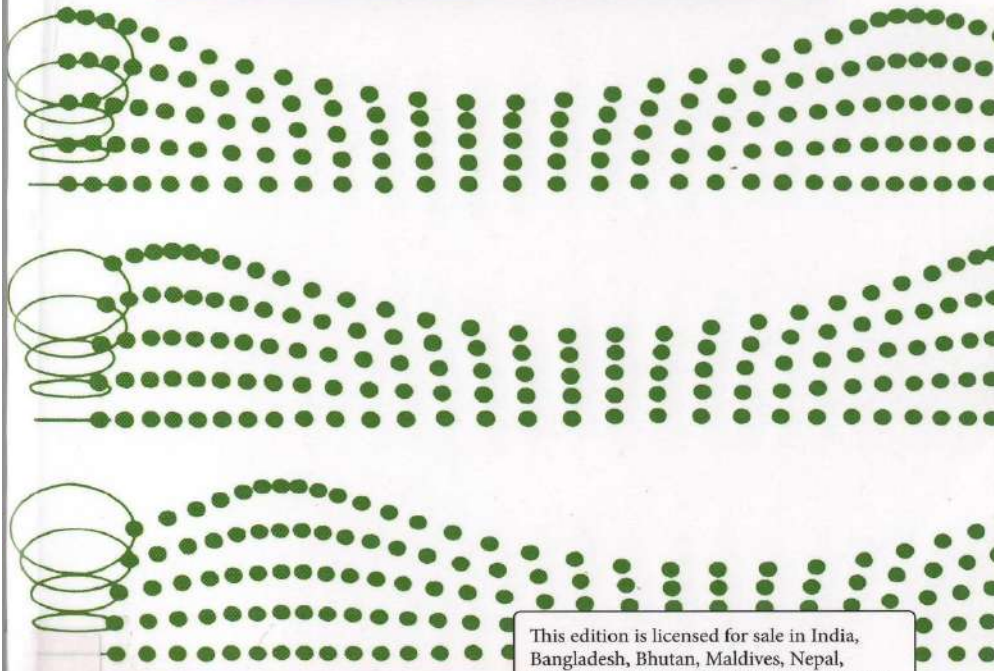
Call No : 517.8 SIL-R

A shorter version of A.I. Markushevich's masterly three-volume Theory of Functions of a Complex Variable, this edition is appropriate for advanced undergraduate and graduate courses in complex analysis. Numerous worked-out examples and more than 300 problems, some with hints and answers, make it suitable for independent study. 1967 edition. The book begins with fundamentals, with a definition of complex numbers, their geometric representation, their algebra, powers and roots of complex numbers, set theory as applied to complex analysis, and complex functions and sequences. The notions of proper and improper complex numbers and of infinity are fully and clearly...

Iain G. Main

Vibrations and Waves in Physics

THIRD EDITION



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Acc. No : 37825

Call No : 531.32 MAI-I

This book is a standard and very widely-used text for first student courses on vibrations and waves, and also useful as a reference at later stages when more advanced topics or applications are met. The overall objectives of the book are to lead the student to a thorough understanding of the basic concepts of vibrations and waves, to show how these concepts unify a wide variety of familiar physics, and to open doors to advanced topics which they illuminate. Each section of the book contains a summary of its salient contents. There are about 180 problems to which all numerical answers are provided, together with hints for their solution. For the third edition the applications have been brought up to date and...

MedTech Science & Technology Series

A. KLIMOV

NUCLEAR PHYSICS & NUCLEAR REACTORS

Edited by
O. Rudnitskaya



MEDTECH
A Division of
Scientific International



Acc. No : 37968

Call No : 539.7 RUD-O

This book is semantically considered to be the process in which two nuclei, or else a nucleus of an atom and a subatomic particle from outside the atom, collide to produce one or more nuclides that are different from the nuclides that began the process. Thus, a nuclear reaction must cause a transformation of at least one nuclide to another. If a nucleus interacts with another nucleus or particle and they then separate without changing the nature of any nuclide, the process is simply referred to as a type of nuclear scattering, rather than a nuclear reaction. The term “Nuclear reaction” implies an induced change in nuclide, and thus it does not apply to any type of radioactive decay. Natural nuclear reactions occur in the interaction between...

HANS THACHER CLARKE

A Handbook of
Organic
Analysis

Qualitative & Quantitative

FOURTH EDITION



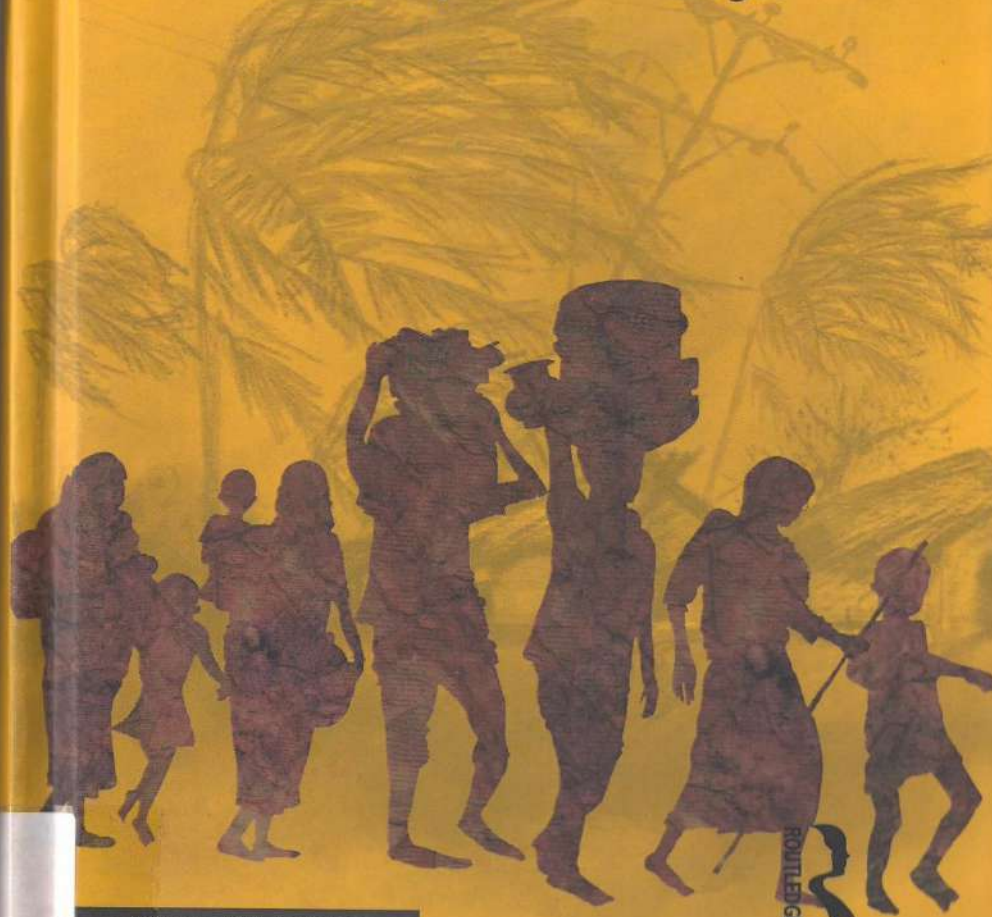
Acc. No : 32212

Call No : 543.17 CLA-H

This book recognition of the educational value of qualitative organic chemical analysis has widely extended with the result that methods of the type advocated for such work have received increasing attention in publications appearing in the scientific journals during this period. At the same time the normal progress of organic chemistry has disclosed a variety of new reactions and compounds; so that it has been considered advisable to subject the portion of the text dealing with the qualitative aspect of organic analysis to a thorough revision. The reference tables have also been almost entirely re-written in order to take advantage of the new data appearing in the recent literature and to present in fuller detail the information...

CLIMATE CHANGE, VULNERABILITY AND MIGRATION

Edited by
S. Irudaya Rajan and R. B. Bhagat



SOUTH ASIA EDITION

A Routledge India Original



Acc. No : 36089

Call No : 551.6 RAJ-I

This book highlights how climate change has affected migration in the Indian subcontinent. Drawing on field research, it argues that extreme weather events such as floods, droughts, cyclones, cloudbursts as well as sea-level rise, desertification and declining crop productivity have shown higher frequency in recent times and have depleted bio-physical diversity and the capacity of the ecosystem to provide food and livelihood security. The volume shows how the socio-economically poor are worst affected in these circumstances and resort to migration to survive. The essays in the volume study the role of remittances sent by migrants to their families in environmentally fragile zones in providing an important cushion and adaptation capabilities to cope...

Sarah E. Gergel
Monica G. Turner
Editors

Learning Landscape Ecology

A Practical Guide to
Concepts and Techniques

Second Edition

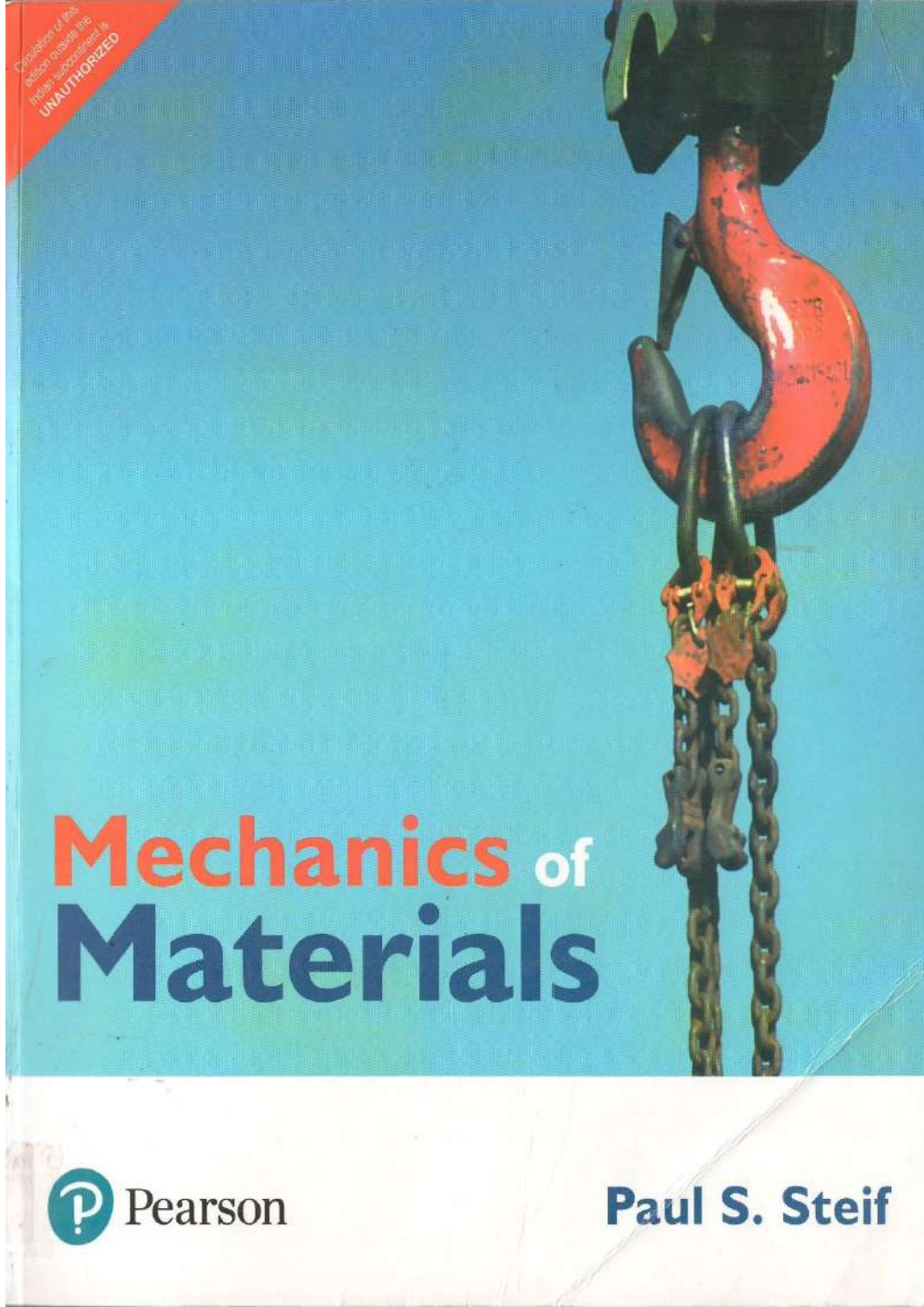
 Springer



Acc. No : 38769

Call No : 577 GER-S

This title meets a great demand for training in spatial analysis tools accessible to a wide audience. Landscape ecology continues to grow as an exciting discipline with much to offer for solving pressing and emerging problems in environmental science. Much of the strength of landscape ecology lies in its ability to address challenges over large areas, over spatial and temporal scales at which decision-making often occurs. As the world tackles issues related to sustainability and global change, the need for this broad perspective has only increased. Furthermore, spatial data and spatial analysis (core methods in landscape ecology) are critical for analysing land-cover changes world-wide. While spatial dynamics have long been fundamental to...



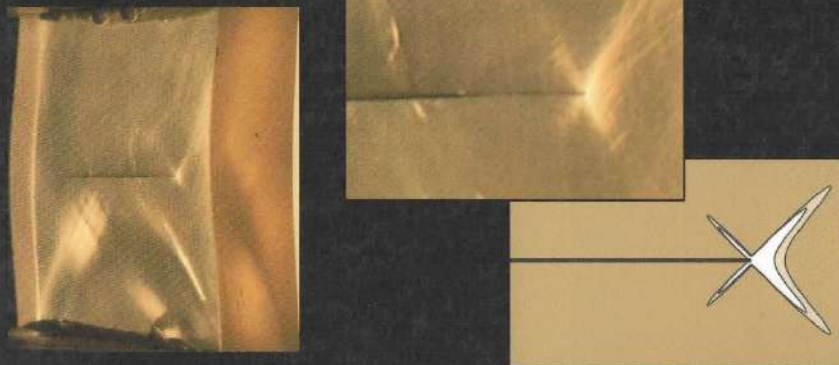
Acc. No : 38217

Call No : 620.1123 STE-P

Mechanics of Materials helps students gain physical and intuitive understanding of the ideas underlying the mechanics of materials; grasp big picture ideas and use the subject to solve problems—everything it takes to genuinely learn how the forces acting on a material relate to its deformation and failure. Student-focused Organization: Drawing on over two decades of research on student learning of mechanics concepts and engineering education methods, Dr. Steif uses a thoughtfully organized book structure to break the subject apart for students and then helps them put it back together. Students can generally picture deformation better than they can picture forces (for instance, imagine seeing a ruler bend...

Nonlinear Solid Mechanics

Bifurcation Theory and Material Instability



DAVIDE BIGONI

CAMBRIDGE



Acc. No : 37704

Call No : 620.1129 BIG-D

This book covers solid mechanics for non-linear elastic and elastoplastic materials, describing the behaviour of ductile material subject to extreme mechanical loading and its eventual failure. The book highlights constitutive features to describe the behaviour of frictional materials such as geological media. On the basis of this theory, including large strain and inelastic behaviours, bifurcation and instability are developed with a special focus on the modelling of the emergence of local instabilities such as shear band formation and flutter of a continuum. The former is regarded as a precursor of fracture, while the latter is typical of granular materials. The treatment is complemented with qualitative experiments, illustrations from everyday life and simple examples taken from structural...



Remote Sensing Imagery

Edited by Florence Tupin
Jordi Inglada and Jean-Marie Nicolas

ISTE

WILEY



Acc. No : 38717

Call No : 621.3678 TUP-F

Dedicated to remote sensing images, from their acquisition to their use in various applications, this book covers the global lifecycle of images, including sensors and acquisition systems, applications such as movement monitoring or data assimilation, and image and data processing. It is organized in three main parts. The first part presents technological information about remote sensing (choice of satellite orbit and sensors) and elements of physics related to sensing (optics and microwave propagation). The second part presents image processing algorithms and their specificities for radar or optical, multi and hyper-spectral images. The final part is devoted to applications: change detection and analysis of...

SECOND EDITION

VLSI ANALOG CIRCUITS

Algorithms, Architecture, Modeling, and Circuit Implementation

HONGJIANG SONG

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Nepal, Bangladesh,
Sri Lanka and
Bhutan only.

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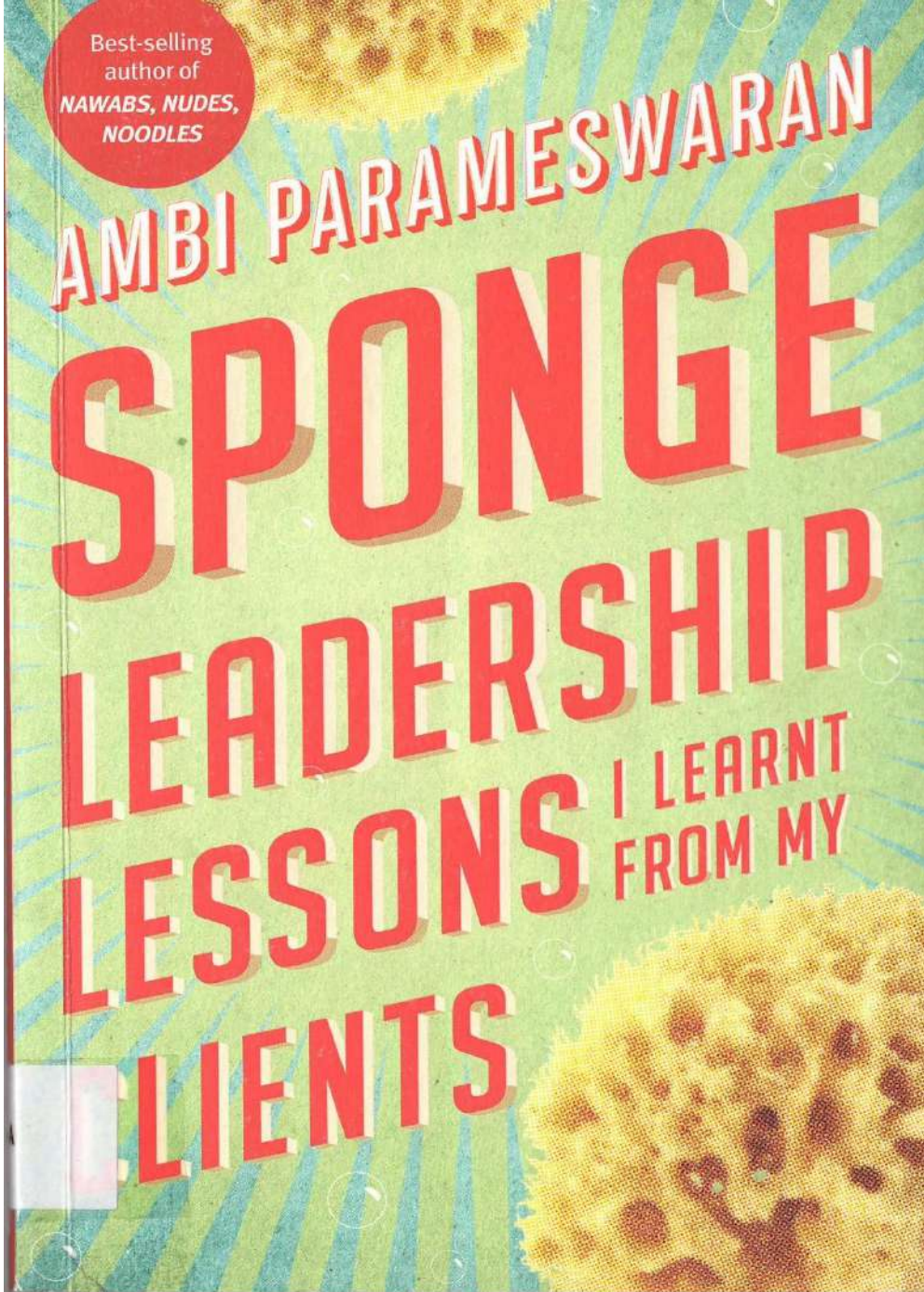
achieve

lead

Acc. No : 37995

Call No : 621.381 SON-H

VLSI Analog Circuits: Algorithm, Architecture, Modelling and Circuit Implementation, Second Edition, is a textbook for advanced electrical engineering courses that shows, step-by-step, how to analyze and solve practical design problems using VLSI. You will get up-to-date discussions on VLSI passive, active-RC, MOS-C, Gm-C, CTI, SC and SI analog filter circuits. Mixed-mode configurations, VLSI RF signal processing and circuit tuning techniques are explained in full detail. The basic VLSI circuit techniques for VLSI signal processing systems are covered in the first part. The VLSI filter circuit implementations are covered in the third part. This text was first developed in 2001 as the class notes for the graduate-level ...



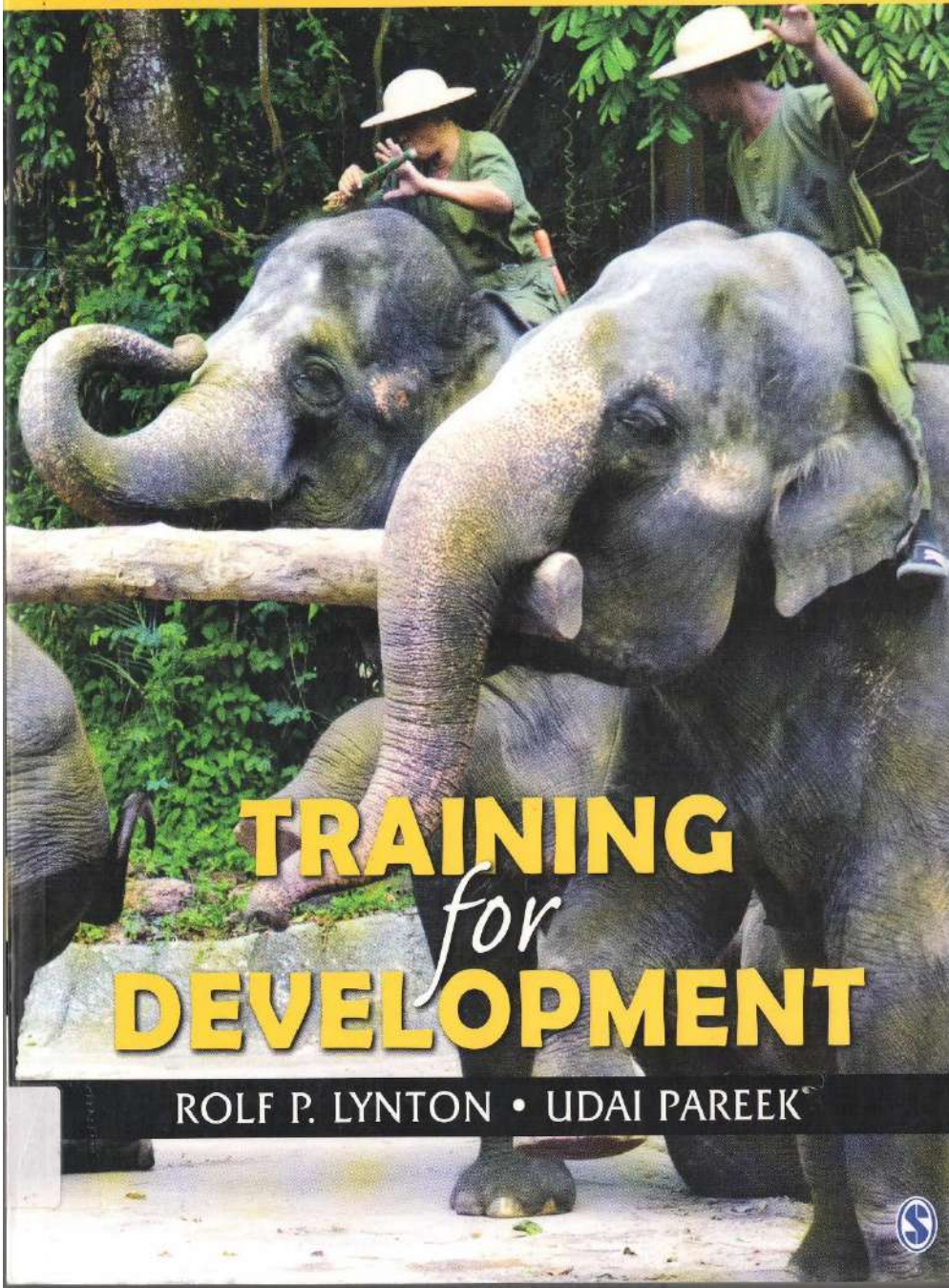
Acc. No : 37122

Call No : 650 PAR-A

Veteran adman and author AMBI PARAMESWARAN has relied on one process of learning above all others: powerful conversations with clients and customers. A challenging customer, in his view, goes from being someone who poses an obstacle to quality work to someone with eye-opening ideas and concepts. Approached as an exercise in listening and learning, these conversations can become long-term lessons. Ambi has worked with some of the most respected brands and names in the Indian corporate world, and each of those assignments were for him masterclasses in leadership development. In this book, Ambi recounts conversations with some of the most iconic business leaders, such as...

Bestseller!

Third Revised Edition



Acc. No : 38601

Call No : 658.31243 LYN-R

This is the third edition of Rolf P. Lynton and Udai Pareek's bestselling book, *Training for Development*. Completely revised, this new edition reflects the "speed of change" that the world has undergone in the last two decades and includes recent examples and illustrations. Since 1967, *Training for Development* has been regarded as the most comprehensive work available to professionals in the field of training and development. The authors focus on training not primarily as a source of new information, but rather as a means for changing behaviour for lasting improvement on the job. While the book is well-anchored theoretically, it is also full of practical examples. It is divided into four sections and each section contains...

CONTEMPORARY THEMES IN BUSINESS AND MANAGEMENT
SERIES EDITOR: ANINDYA SEN

INDIAN BUSINESS

Notions and Practices
of Responsibility

Nimruji Jammulamadaka

SOUTH ASIA EDITION

ROUTLEDGE
A Routledge India Original



Acc. No : 38489

Call No : 658.4080 JAM-N

This book presents a critical understanding of Indian business situated as an encounter between indigeneity and Western modernity by exploring notions and practices of responsibility. It brings the paradoxical nature of Indian businesses to the fore: though they have a rich history of philanthropic contributions to social causes, they have also been known for labour rights and human rights violations, environmental abuses, destruction of habitats, pollution and corruption. The book shows how Indian firms straddle these two starkly contrasting positions and the many blends in between to conform to global developments in the pursuit of corporate social responsibility (CSR). It also looks at the emergent field...

Product Design and Testing of Polymeric Materials

Nicholas P. Cheremisinoff



Special Indian Edition



Acc. No : 37538

Call No : 668.4 CHE-N

Product Design and Testing of Polymeric Materials integrates polymer science principles with detailed experimental programs-helping engineers create optimal products. Thoroughly investigating both physical and processing properties of polymeric substance, this valuable guide presents the philosophy of product development management includes test methods for base property and end-use performance pairs viscometric and small-scale testing with molecular properties for processing advantages examines quality control from the laboratory to the marketplace applies the mechanics of experimental design to product optimization problems covers the mathematics needed for proper regression of experimental...

Edited by
Andreas Athienitis and William O'Brien

Modeling, Design, and Optimization of Net-Zero Energy Buildings



Acc. No : 38713

Call No : 696 ATH-A

Building energy design is currently going through a period of major changes. One key factor of this is the adoption of net-zero energy as a long term goal for new buildings in most developed countries. To achieve this goal a lot of research is needed to accumulate knowledge and to utilize it in practical applications. In this book, accomplished international experts present advanced modeling techniques as well as in-depth case studies in order to aid designers in optimally using simulation tools for net-zero energy building design. The strategies and technologies discussed in this book are, however, also applicable for the design of energy-plus buildings. This book was facilitated by International Energy Agency's Solar Heating and...

Acc. No : 38729

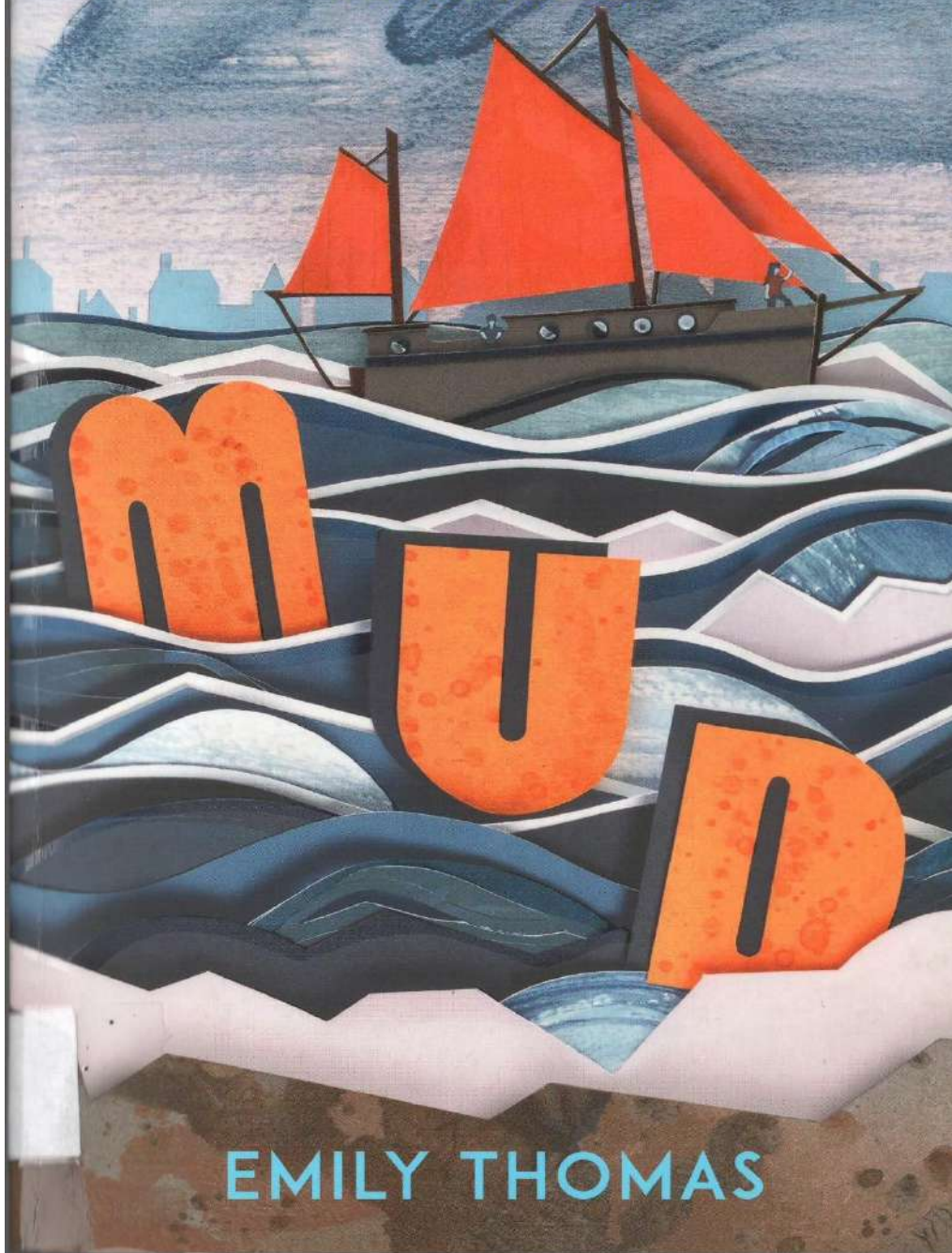
Call No : 891.448 DEV-A

This is a reader's book. It looks at Tagore through his texts. It reads his novels Gora and Jogajog in depth, and Char Adhyay as a crucible of our time. His plays Dakghar and Muktheadhara are taken up briefly but succinctly. That he is above all a poet is amply illustrated, not by his poems alone but songs—a principal thrust in these pages. His love of Nanak along with other medieval Sants is part of his vision of India. This is a collection of essays written over the last ten years or so. The immediate incentive for most of them was the 150th birth celebration of Rabindranath Tagore. However, a couple more predated that, one being a conference paper devoted to the novel, and the other a book chapter in a...

REREADING
Tagore

AMIYA DEV

'Smart and funny. It will tug at your heartstrings'
DAWN O'PORTER



Acc. No : 36950

Call No : Fiction THO-E

Smart and funny. It will tug at your heartstrings' Dawn O'Porter It's 1979 and thirteen-year-old Lydia has no idea how she'll cope when her dad announces that the family has to sell up and move onto a Thames sailing barge in Essex. With his girlfriend. And her three kids. Between trying to keep her clothes dry in a leaky cabin, disastrous hair-dye attempts, awkward encounters with local boys and coping with her suddenly enormous and troublesome family, Lydia fears she'll sink rather than swim. At turns heart-breaking and uplifting, through Lydia's innocent and perceptive voice we find out that while the mud may stick, the tide can turn - and in unexpected and...

WHO

The elusive truth

KILLED

behind

CHRISTOPHER

that fateful summer

GOODMAN?

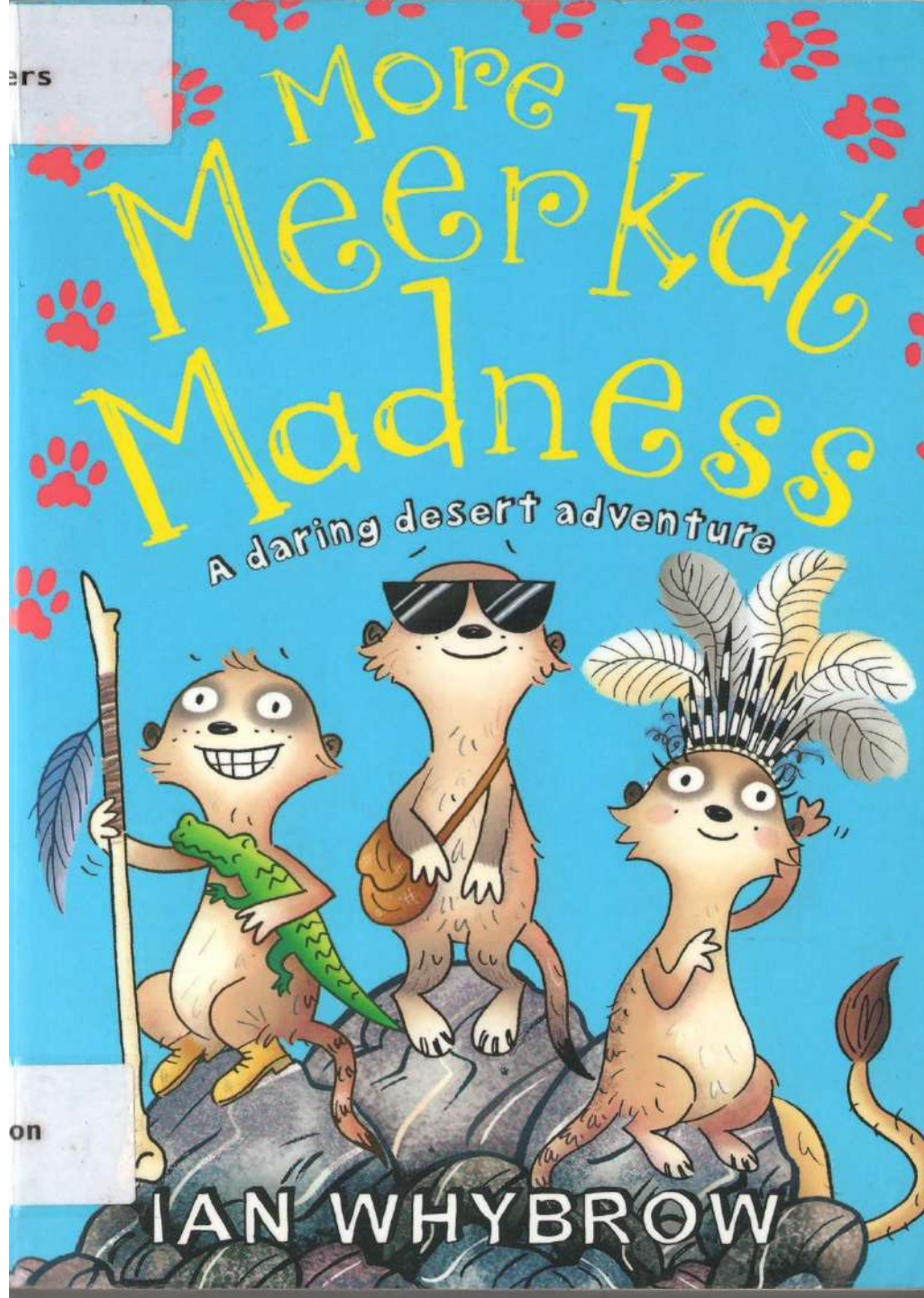
ALLAN WOLF



Acc. No : 37118

Call No : Fiction WOL-A

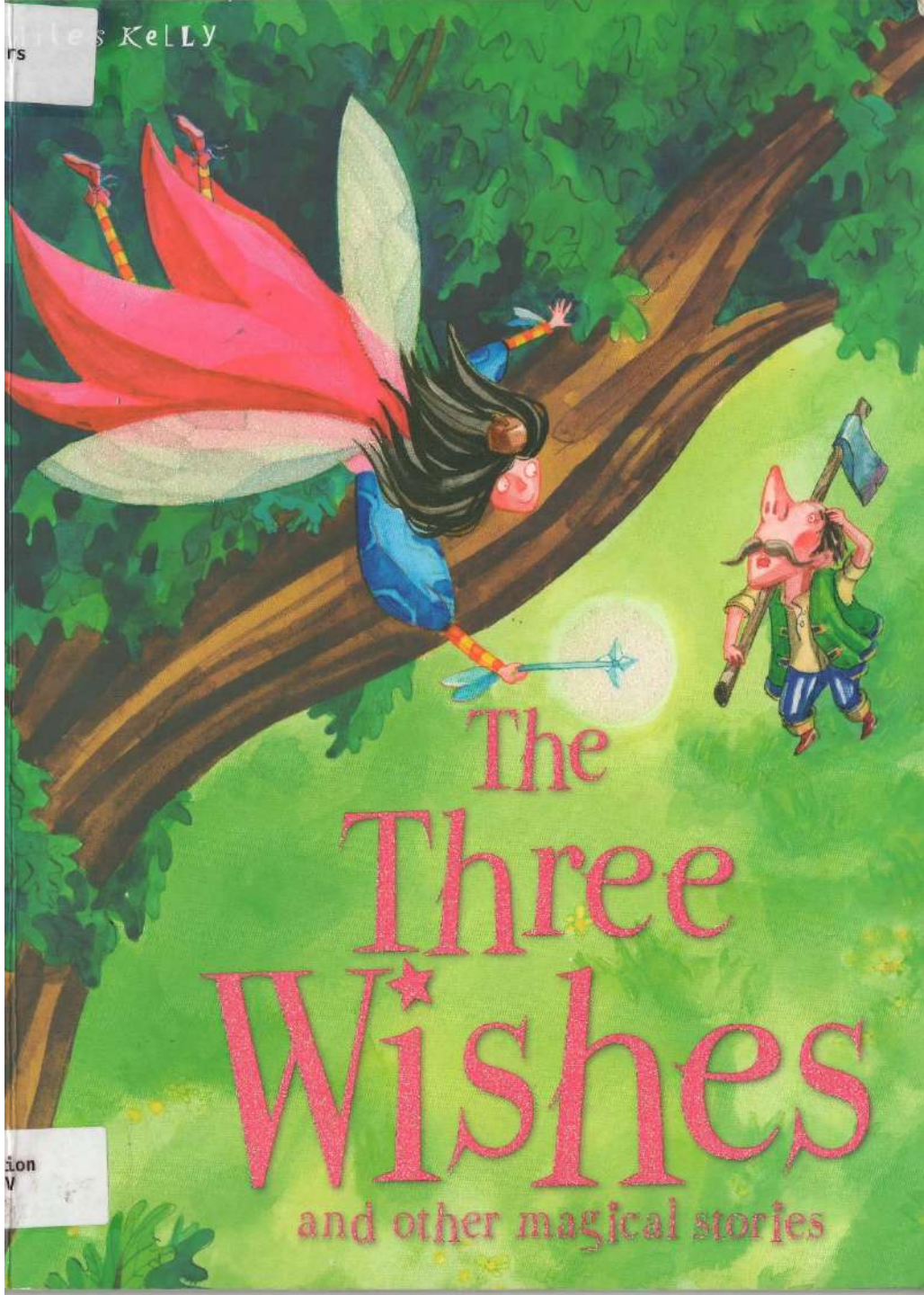
A thriller inspired by a tragic true event in the author's past. Allan Wolf examines the circumstances of one boy's inexplicable murder and the fateful summer leading up to it. Everybody likes Chris Goodman. Sure, he's a little odd. He wears those funny bell-bottoms and he really likes the word ennui and he shakes your hand when he meets you, but he's also the kind of guy who's always up for a good time, always happy to lend a hand. Everybody likes him, which makes it especially shocking when he's murdered. Here, in a stunning multi-voiced narrative including the perspective of the fifteen-year-old killer and based on a true and terrible crime that occurred when he was in high school, author Allan Wolf sets out to answer the first question that...



Acc. No : 31696

Call No : Fiction WHY-I

The meerkats are back in the hilarious Awesome Animals series awesome adventures with the wildest wildlife. Wup! Wup! Wup! Action stations! The Really Mad Mob of meerkats is on the move again in another animal antics adventure. Mimi, Skeema and Little Dream are unhappy when Uncle invites a fluffy, stranger to join the Really Mad mob. So when Little Dream dreams that their missing mama is calling him, the kits set off to search for her. But a lost lion cub has other plans for them. Join the meerkat kits on a crazy adventure across the Kalahari desert, from the creator of Harry and the Bucketful of Dinosaurs. Mimi, Skeema and Little Dream love hearing tales from their uncle's glory days stories of the upworld of befriending...



Acc. No : 31199

Call No : Fiction PAR-V

This series captures the imagination of young readers with tales of enchantment. It is ideal for young readers to read along with parents or older children to read alone. When Cinder –Maid entered the ballroom she was the loveliest of all the ladies, and the prince , who had been dancing with her stepsisters, would dance only with her. But as it came towards midnight Cinder-Maid remembered what the little bird had told her and slipped away to her carriage. And when the prince missed her he went to the guards at the palace door and told them to follow the carriage. But Cinder-Maid when she saw this, called out Mist behind and light before, and when the prince soldier's tried to follow her...



Thank you