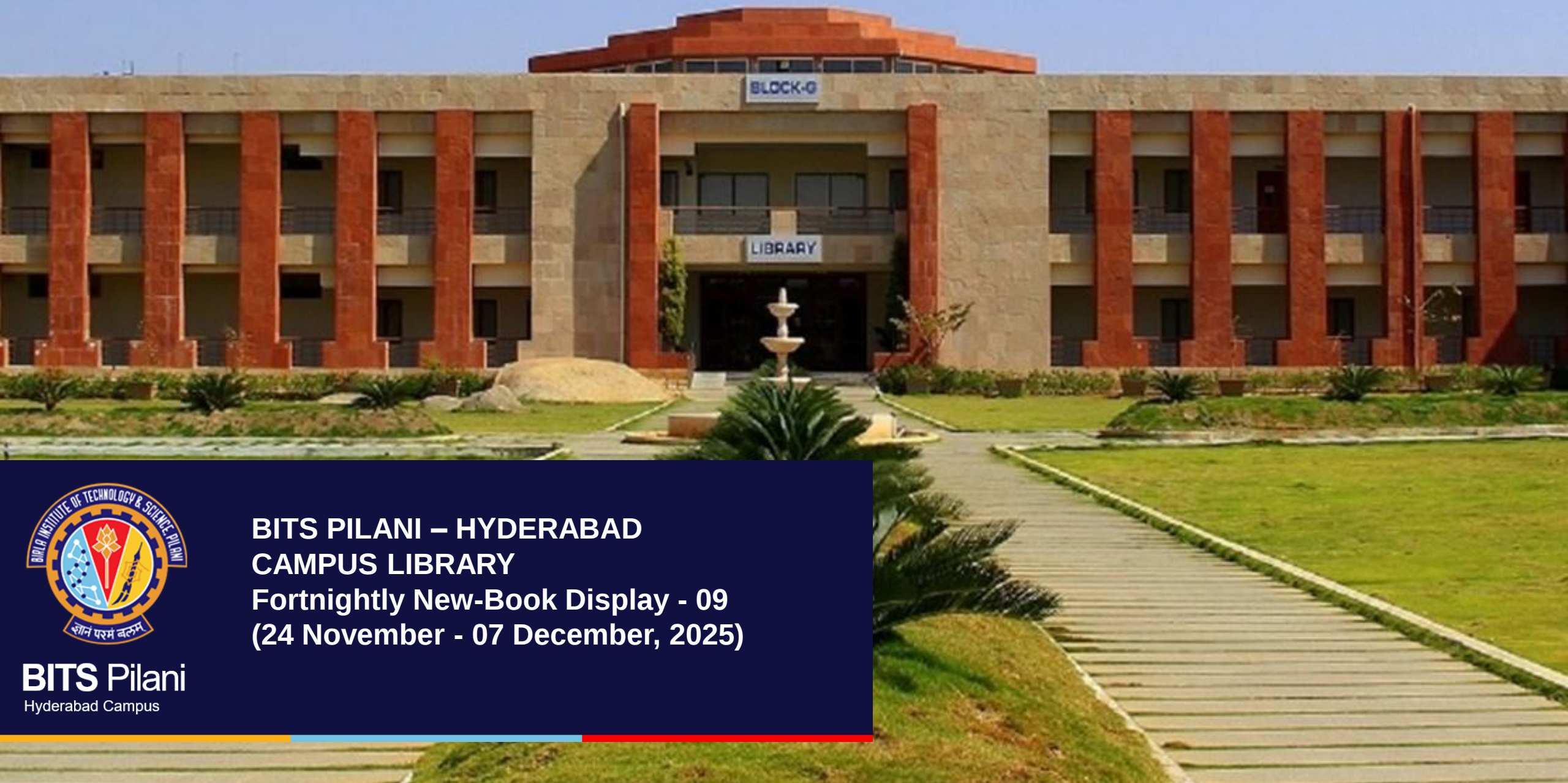




**BITS PILANI – HYDERABAD
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BITS Pilani
Hyderabad Campus

A First Course in Probability for Computer and Data Science

Henk Tijms



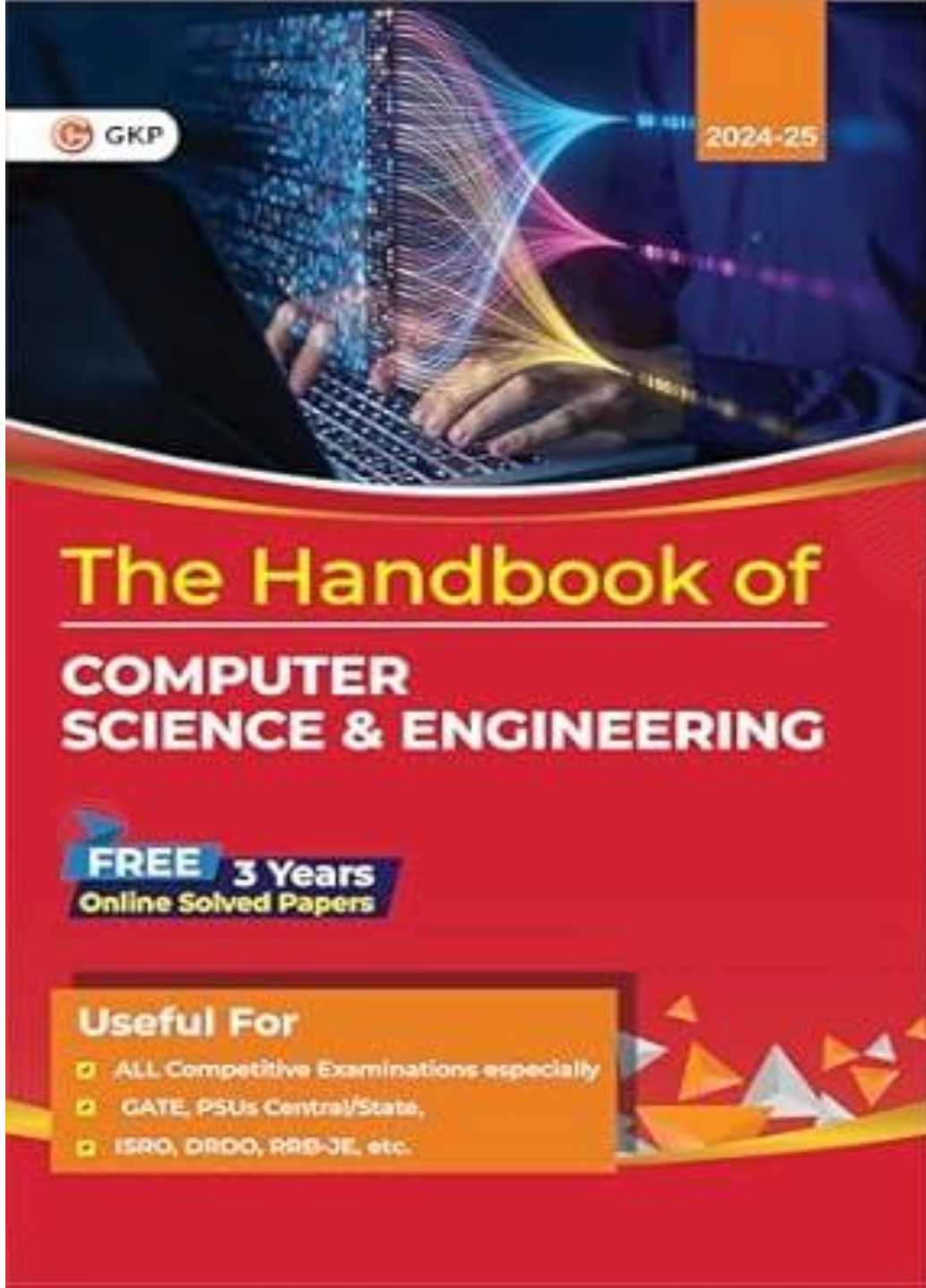
World Scientific



Acc. No : 49895

Call No : 004.0151 TIJ-H

In this undergraduate text, the author has distilled the core of probabilistic ideas and methods for computer and data science. The book emphasizes probabilistic and computational thinking rather than theorems and proofs. It provides insights and motivates the students by telling them why probability works and how to apply it. The unique features of the book are as follows: Bayesian probability with real-life cases in law and medicine; Logistic regression and naïve Bayes, Real-world applications of probability; Interweaving Monte Carlo simulation and probability; Gentle introduction to Markov chains and Markov chain Monte Carlo simulation. This book contains many worked examples. Numerous instructive problems scattered throughout the text are given along with problem-solving...



Acc. No : 49164

Call No : 005.133 GKP

The final phase of various technical competitive exams, such as GATE, ESE, and PSUs, necessitates a thorough review of concepts and swift revisions. However, accomplishing this task becomes challenging with voluminous books, as crucial formulas may be overlooked, leading to suboptimal results. To simplify your preparation, GKP has introduced a Handbook series tailored for Computer Science & Engineering. Our Handbook for Computer Science & Engineering acts as a convenient reference guide for a rapid recap of essential concepts. It facilitates a comprehensive review of the entire syllabus within a limited timeframe. Given that Computer Science & Engineering is a highly sought-after discipline in GATE, UPSC ESE, and major PSUs, numerous students tackle its examination annually. We believe...

'Ozan Varol always makes me think.'
ADAM GRANT, #1 New York Times–bestselling author

AWAKEN YOUR GENIUS

Escape Conformity,
Ignite Creativity &
Become Extraordinary

Ozan Varol

author of Think Like a Rocket Scientist



Acc. No : 48292

Call No : 153.42 VAR-O

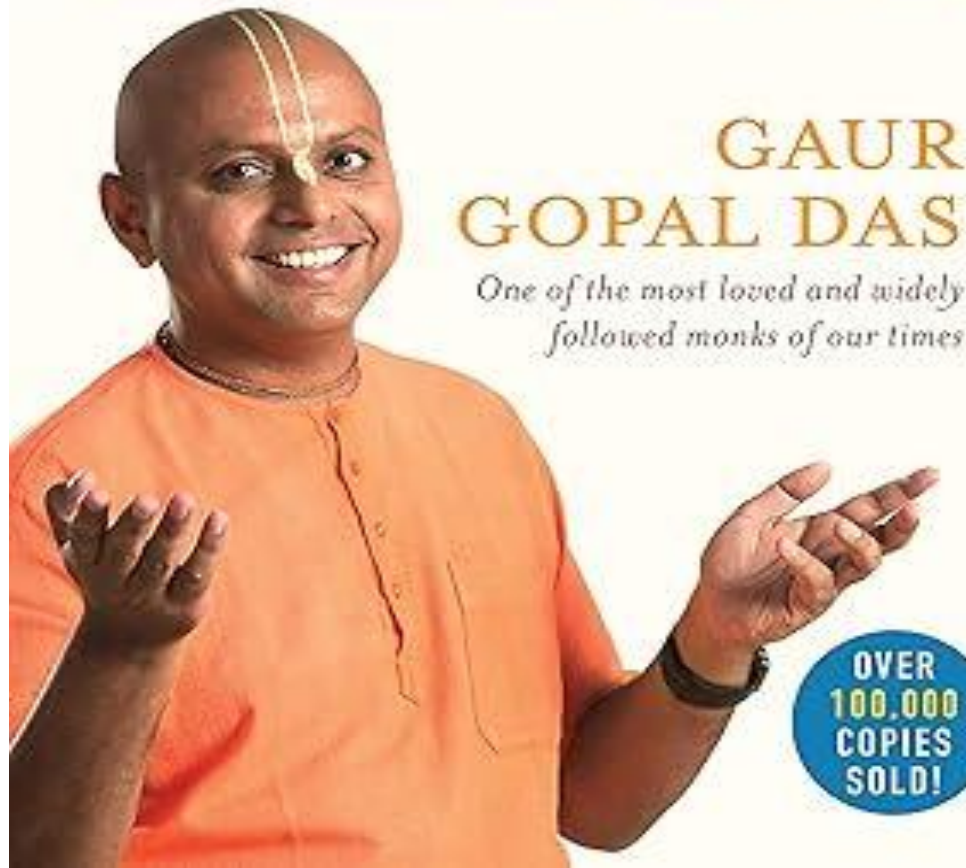
We say that some people march to the beat of a different drummer. But implicit in this cliché is that the rest of us march to the same beat. We find ourselves on well-worn paths that were never ours to walk. An extraordinary group of people paves their path. They think and act with genuine independence. They stand out from the crowd because they embody their shape and color. We call these people geniuses if they're another breed. But genius isn't for a special few. It can be awakened in anyone. This book will show you how. You'll learn how to discard what no longer serves you and discover your first principles, qualities that make up your genius. You'll be equipped to escape your intellectual prisons and generate original insights from your depths. You'll discover how to look where others...

A NATIONAL BESTSELLER



LIFE'S AMAZING SECRETS

How to Find Balance and Purpose in Your Life



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GOPAL DAS

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Acc. No : 48380

Call No : 158.1 DAS-G

While navigating their way through Mumbai's horrendous traffic, Gaur Gopal Das and his wealthy young friend Harry get talking, delving into concepts ranging from the human condition to finding one's purpose in life and the key to lasting happiness. Whether you are looking at strengthening your relationships, discovering your true potential, understanding how to do well at work or even how you can give back to the world, Gaur Gopal Das takes us on an unforgettable journey with his precious insights on these areas of life. Das is one of the most popular and sought-after monks and life coaches in the world, having shared his wisdom with millions. His debut book, *Life's Amazing Secrets*, distils his experiences and lessons about life into a light-hearted, thought-provoking book...



STRATEGIC CHOICES, ETHICAL DILEMMAS

STORIES FROM
THE MAHABHARAT

ARUNA NARLIKAR
AMITABH MATTOO
AMRITA NARLIKAR



Acc. No : 48634

Call No : 294.5923 NAR-A

Is it possible to win and still keep one's soul? The Mahabharat tells us we can. The ancient epic, which flourishes in the hearts and minds of many even today, deals with profound normative questions of morality, duty, virtue, law, justice, and war. The text also does not shy away from pragmatic and strategic issues of negotiation, alliances, training and education, leadership, and more. Its unflinching look at bleak realities makes the Mahabharat a text uniquely applicable to our current times. Drawing on the timeless stories of the Mahabharat, this book applies its practical wisdom to questions of our personal lives. It explores winning strategies that are suited to the modern day and work together with ethical choices. Written for a broader audience of scholars and...



Acc. No : 48733

Call No : 301.095492 SUR-M

Since the nineteenth century, a succession of states has classified the inhabitants of what are now the borderlands of Northeast India and Bangladesh as Muslim frontier peasants, savage mountaineers, and Christian ethnic minorities, suspecting them to be disloyal subjects, spies, and traitors. In *Jungle Passports*, Malini Sur follows the struggles of these people to secure shifting land, gain access to rice harvests, and smuggle the cattle and garments upon which their livelihoods depend against a background of violence, scarcity, and India's construction of one of the world's longest and most highly militarized border fences. *Jungle Passports* recasts established notions of citizenship and mobility along violent borders. Sur shows how the division of sovereignties and distinct regimes of...

JUNGLE PASSPORTS

Fences, Mobility and Citizenship at the
Northeast India-Bangladesh Border

Malini Sur

Foreword by Susan Avery

Bandwidth

How Mathematics, Physics,
and Chemistry Constrain Society

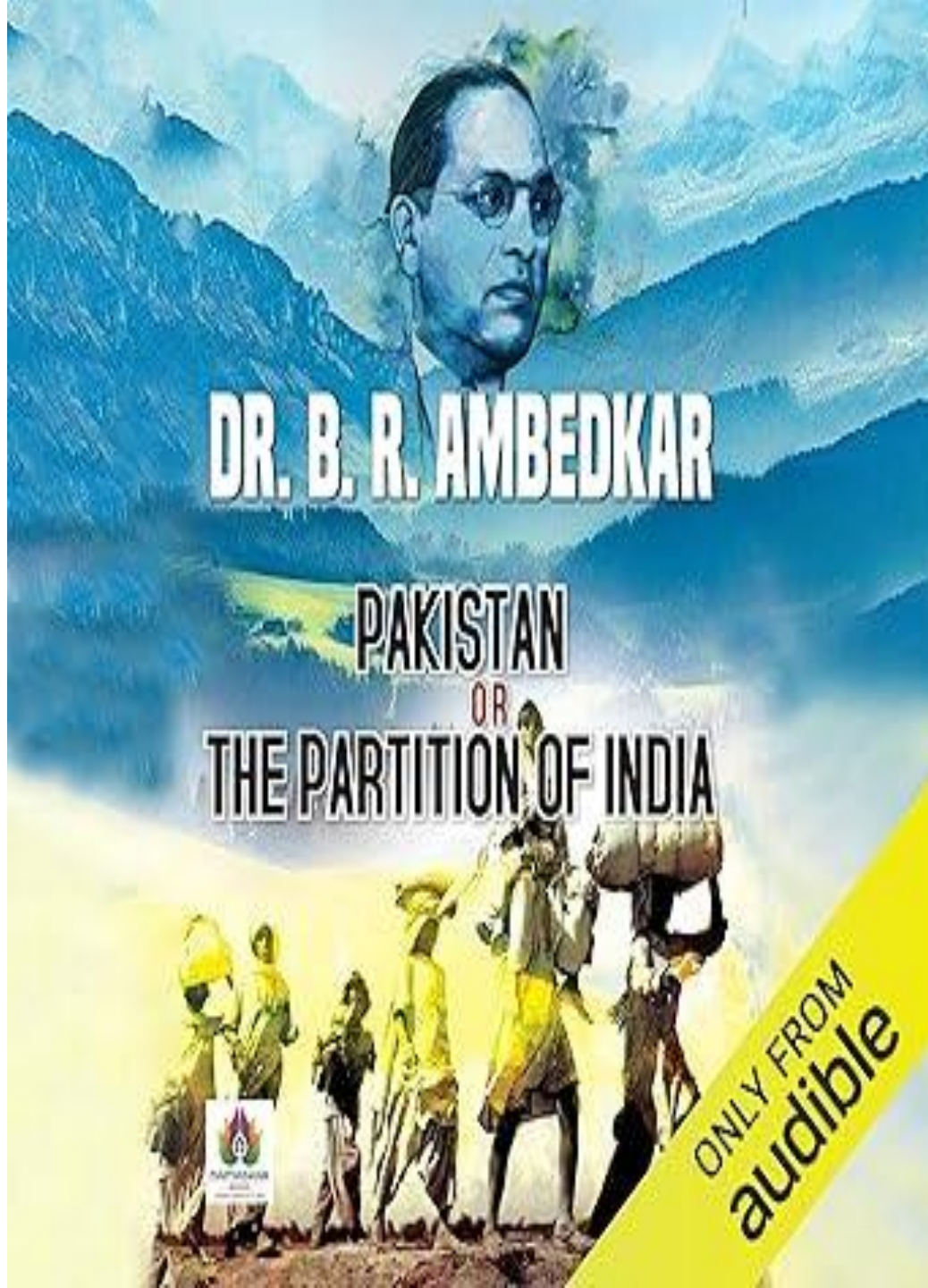
Alexander Scheeline



Acc. No : 49945

Call No : 303.483 SCH-A

The physical sciences and mathematics are extraordinarily useful in explaining the material world. People and society are constrained by physical reality, but we are often unclear on what constraints are absolute, which may be relative, and those that are simply a matter of taste. Bandwidth explains how limitations in the movement and perception of information constrain human behavior, cognition, interaction, and perspective. How fast can we learn? How much? Why are habits and biases unavoidable? Why is the common statement 'any nation that can land people on the moon surely can frequently do wrong?' Using equations and physical models, Bandwidth describes constraints that, in part, explain political, economic, religious, and personal frictions, aspects...



Acc. No : 48733

Call No : 320.954035 AMB-B

This book is a treasure trove of knowledge. It shows the vision of Babasaheb Dr B.R. Ambedkar and anticipations of the problems of partition. The present generation of youth needs to read this book because it reveals a lot of intentionally hidden information. It is the best book to gain insight into the horrors of the partition and will surely compel the readers to think about how and why India was partitioned, and it also exposes the true nature of the sinister-minded people and their disgusting hypocrisy. Surely, one of the great books written by Dr Ambedkar, the Father of our Constitution. Delve into the profound insights of Dr. B. R. Ambedkar in Pakistan or the Partition of India. This seminal work offers an in-depth analysis of the factors leading to the partition of India and the creation of Pakistan...



Routledge Frontiers of Political Economy

POWER AND INFLUENCE OF ECONOMISTS

CONTRIBUTIONS TO THE SOCIAL STUDIES
OF ECONOMICS

Edited by

Jens Maesse, Stephan Pühringer,
Thierry Rossier and Pierre Benz



Acc. No : 49663

Call No : 330 MAE-J

Economists occupy leading positions in many different sectors, including central and private banks, multinational corporations, the state, and the media, as well as serving as policy consultants on everything from health to the environment and security. *Power and Influence of Economists* explores the interconnected relationship between power, knowledge, and influence, which has led economics to be both a source and beneficiary of widespread power and influence. The contributors to this book explore the complex and diverse methods and channels that economists have used to exert and expand their influence from different disciplinary and national perspectives. Four different analytical views on the role of power and economics are taken: first, the role of economic expert discourses as...

THE WEALTH BLUEPRINT

Mastering the Art of Wealth Creation



NAPOLEON HILL



Acc. No : 49406

Call No : 332.02401 HIL-N

If you needed a house, and knew how to build a house, and had all the materials you needed for building a house, and had a lot on which to build a house, and yet neglected to build a house then you would understand your penalty as you sat exposed in the rain and the snow. Dive into the timeless wisdom of The Wealth Blueprint: Mastering the Art of Wealth Creation. Hill's classic masterpiece unveils the key to unlocking boundless prosperity and fulfillment. Delve into the profound themes of seizing life's potential, cultivating the mindset for wealth, and discovering the power of specialized knowledge. From the inception of riches to fostering an attitude that breeds affluence and tranquility, Hill explores the transformative forces of applied faith, enthusiasm, and the art of harnessing...



JAPANESE MANAGEMENT, INDIAN RESISTANCE

The **STRUGGLES** of the
MARUTI SUZUKI WORKERS

Anjali Deshpande and Nandita Haksar



Acc. No : 48358

Call No : 338.4760954 DES-A

A fire broke out at around 7 pm on 18 July 2012 at Maruti Suzuki India's manufacturing plant in Manesar. It claimed the life of a manager. Within days, over two thousand temporary workers and 546 permanent workers were dismissed by the company, and 13 of them including the entire leadership of the workers' union were later charged for murder, thus ending yet another independent body for collective bargaining. Unions are the last, and often only, line of defense workers have in modern industries, especially when the management isn't averse to undermining their rights, dignity and health in pursuit of higher profits. This was true of Maruti Suzuki. Workers would get a seven-and-a-half-minute break from physically demanding work, precise to the hundredth of a...

MARC LAME | RICHARD MARCANTONIO

Environmental Management

CONCEPTS AND PRACTICAL SKILLS



Acc. No : 49911

Call No : 363.7 LAM-M

This contemporary textbook and manual for aspiring or new environmental managers provides the theory and practical examples needed to understand current environmental issues and trends. Each chapter explains the specific skills and concepts needed for today's successful environmental manager and provides skill development exercises that allow students to relate theory to practice in the profession. Readers will obtain an understanding not only of the field but also of how professional accountability, evolving science, social equity, and politics affect their work. This foundational textbook provides the scaffolds to allow students to understand the environmental regulatory infrastructure and how to create partnerships to solve environmental problems ethically and implement successful...

COMPUTATIONAL GEOMETRY

with Independent
and Dependent Uncertainties



World Scientific



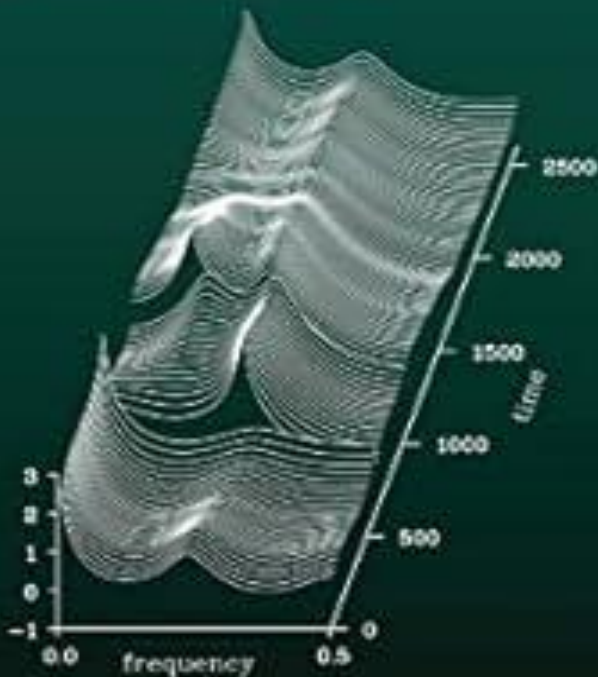
Acc. No : 49947

Call No : 516.00285 GIT-R

This comprehensive compendium describes a parametric model and algorithmic theory to represent geometric entities with dependent uncertainties between them. The theory, named Linear Parametric Geometric Uncertainty Model, is an expressive and computationally efficient framework that allows for the systematic study of geometric uncertainty and its related algorithms in computer geometry. The self-contained monograph is of great scientific, technical, and economic importance as geometric uncertainty is ubiquitous in mechanical CAD/CAM, robotics, computer vision, wireless networks, and many other fields. Geometric models, in contrast, are usually exact and do not account for these inaccuracies. This useful reference text benefits academics, researchers, and practitioners...

Introduction to Time Series Modeling with Applications in R

Second Edition



Genshiro Kitagawa

 **CRC Press**
Taylor & Francis Group
A CHAPMAN & HALL BOOK



Acc. No : 48472

Call No : 519.55 KIT-G

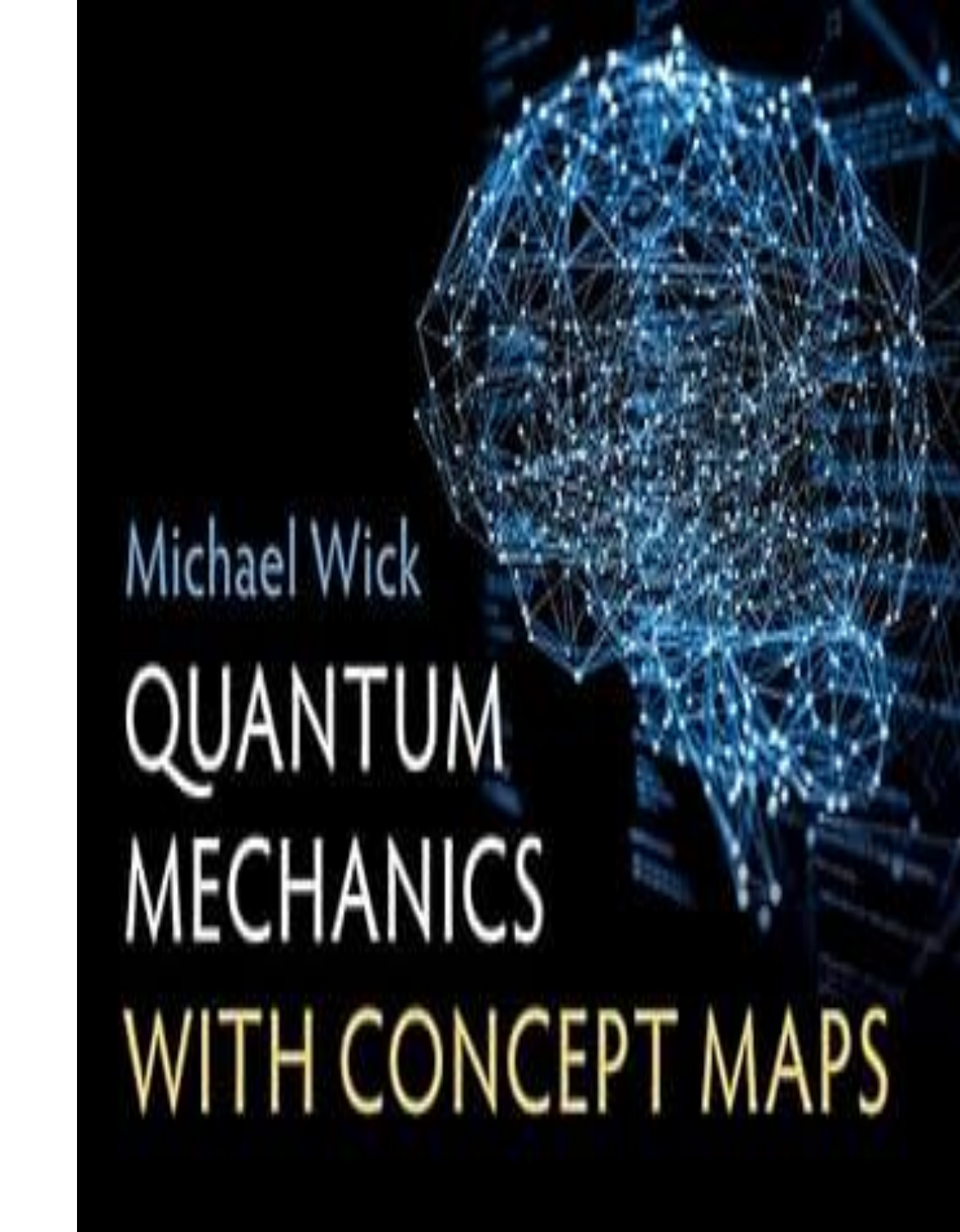
Introduction to Time Series Modeling with Applications in R, Second Edition, covers numerous stationary and nonstationary time series models and tools for estimating and utilizing them. The goal of this book is to enable readers to build their models to understand, predict, and master time series. The second edition makes it possible for readers to reproduce examples in this book by using the freely available R package TSSS to perform computations for their real-world time series problems. This book employs the state-space model as a generic tool for time series modeling and presents the Kalman filter, the non-Gaussian filter, and the particle filter as convenient tools for recursive estimation for state-space models. Further, it also takes a unified approach based on the entropy maximization...



Acc. No : 49930

Call No : 530.12 WIC-M

Many physics textbooks take a traditional approach to the demonstration of mathematical relationships and derivations, presenting them in linear order. However, many physical derivations follow a tree-shaped structure with interconnected steps running in parallel, where numerous individual equations are manipulated and combined to reach a final result. Thus, conventional presentation often leads to derivations being spread over several book pages and linked by formula numbering. This title takes a novel and intuitive approach to introductory quantum mechanics by utilising concept maps to address non-linear structures in key mathematical relationships. Concept maps are structures in a form similar to flowcharts where derivations, concepts, and relations are visualised on...



Michael Wick

QUANTUM MECHANICS WITH CONCEPT MAPS

Topographic Effects in Stratified Flows

Second Edition

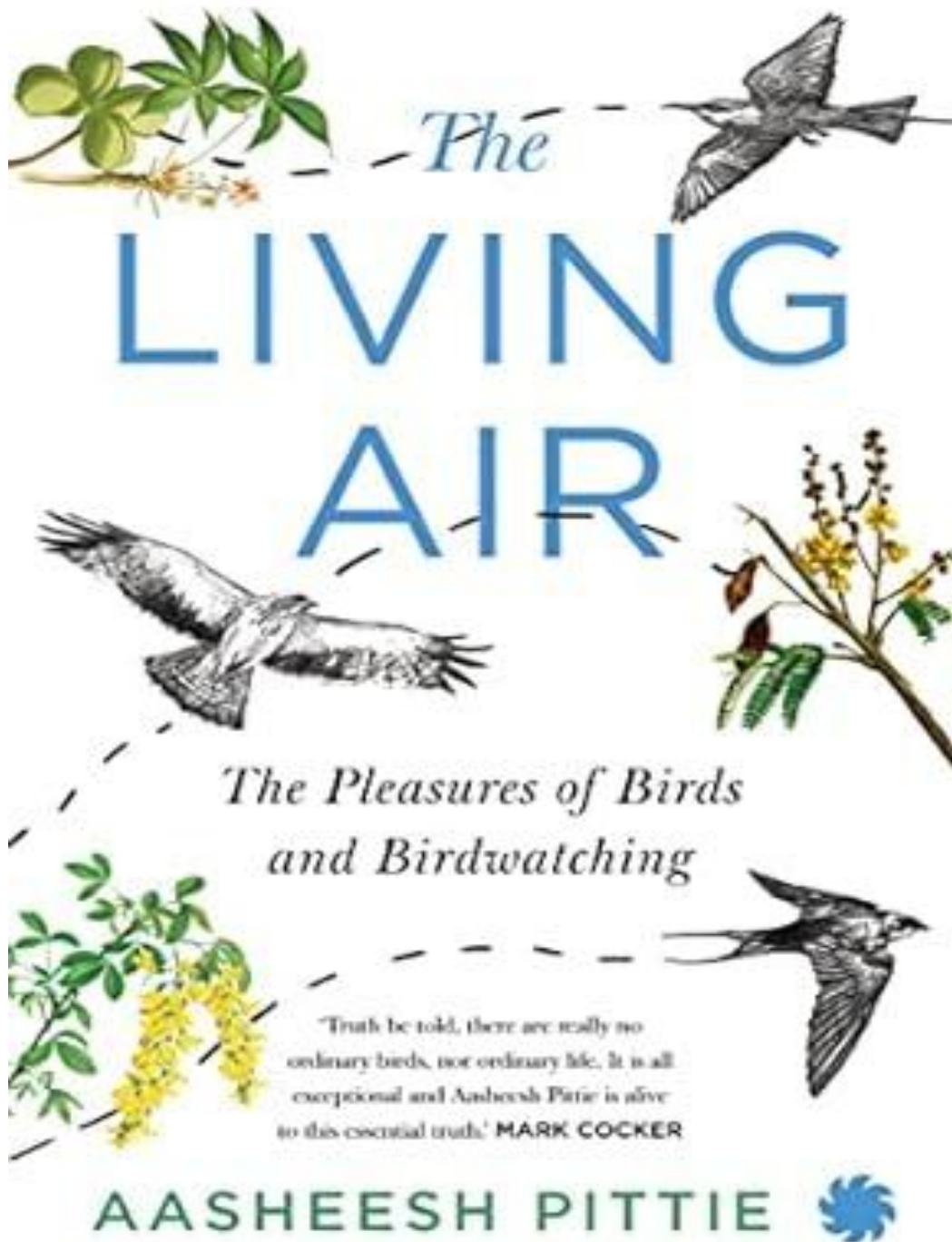
Peter G. Baines



Acc. No : 49939

Call No : 532.053 BAI-P

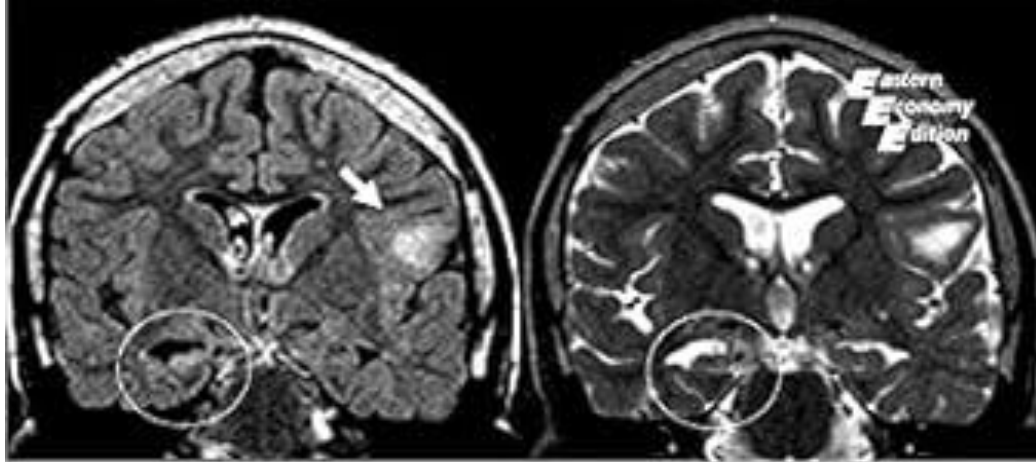
Covering both theory and experiment, this text describes the behaviour of homogeneous and density-stratified fluids over and around topography. Its presentation is suitable for advanced undergraduate and graduate students in fluid mechanics, as well as for practising scientists, engineers, and researchers. Using laboratory experiments and illustrations to further understanding, the author explores topics ranging from the classical hydraulics of single-layer flow to more complex situations involving stratified flows over two- and three-dimensional topography, including complex terrain. A particular focus is placed on applications to the atmosphere and ocean, including discussions of downslope windstorms and of oceanic flow over continental shelves and slopes. This new edition has...



Acc. No : 49251

Call No : 598.2954 PIT-A

If you're looking for new ways to engage with birds and birdwatching, Aashish Pittie's book of essays, *The Living Air*, is a great place to start. This book will not only make you want to get out and observe your city and surroundings in a whole new light, but it will also offer a fresh perspective on what birdwatching is and the many ways you can benefit from it. Informative yet a joy to read, *The Living Air* is an excellent introduction to the transformative pleasures of birdwatching. *The Living Air* is the first book released by Juggernaut and Indian Pitta, India's first dedicated book imprint for bird lovers, policy makers, and conservationists. This book is full of good moral sense and wise judgement as well as fulsome descriptions of beauty and joy. Aasheesh Pieeie is morally attuned to our times but also makes the...



Acc. No : 48061

Call No : 616.0754 MAJ-D

Fundamentals of **Medical Image Processing Using MATLAB**

Dwijesh Kr. Dutta Majumder
Dipankar Ray



The book is designed according to the present requirements of the subject. It acquaints the students or readers with fundamental image processing concepts and methodologies for better understanding and more meaningful retrieval of information about the internal structure of human organs. In the book, various concepts of image processing are discussed for different modalities of medical imaging, such as CT, MRI, PET, and SPECT. The book covers various important topics such as Programming in MATLAB, Biomedical Imaging, Artificial Neural Networks, and Image Processing. The chapters on image enhancement, segmentation, shape analysis, registration, visualization, and retrieval make this book very comprehensive and useful for students/readers. The exercises and examples given in each chapter will...

**Cambridge
Elements**

Emerging Theories
and Technologies in
Metamaterials

Effective Medium Theory of Metamaterials and Metasurfaces

Wei Xiang Jiang,
Zhong Lei Mei
and Tie Jun Cui



Acc. No : 49910

Call No : 620.1 JIA-W

Metamaterials, including their two-dimensional counterparts, are composed of subwavelength-scale artificial particles. These materials have novel electromagnetic properties and can be artificially tailored for various applications. Based on metamaterials and met surfaces, many abnormal physical phenomena have been realized, such as negative refraction, invisible cloaking, abnormal reflection and focusing, and many new functions and devices have been developed. The effective medium theory lays the foundation for the design and application of metamaterials and met surfaces, connecting metamaterials with real-world applications. In this Element, the authors combine these essential ingredients, and aim to make this Element an access...

Topics in
Advanced
Geoinformatics
Volume 1

Zhenfeng Shao



URBAN REMOTE SENSING

高等教育出版社
HIGHER EDUCATION PRESS

World Scientific



Acc. No : 49973

Call No : 621.3848 SHA-Z

This compendium is based on more than ten years of urban remote sensing teaching experience, scientific research achievements, and the latest developments of remote sensing technology. The volume is divided into ten chapters, which describe the principles of urban remote sensing and multi-source remote sensing big data acquisition, urban remote sensing image processing methods, urban remote sensing image-specific applications in related industries, and the prospect of urban remote sensing development. It summarizes the achievements on urban remote sensing projects, uses a large number of algorithm studies as intuitive materials, combines the achievements of urban remote sensing technology, and provides typical industry solutions or case studies in specific applied urban remote sensing...

Ajoy K. Bose

Military Pyrotechnics

Principles and Practices



 **CRC Press**
Taylor & Francis Group



Acc. No : 49578

Call No : 623.452 BOS-A

This book covers military pyrotechnics characteristics, sensitivity, combustion, performance parameters, ingredients and their behavior, various pyrotechnic compositions and their manufacturing methods, filling, pressing, and assembly of ammunition, and so forth. Divided into two broader sections, namely military pyrotechnic compositions and military pyrotechnic ammunitions and devices, it provides the full spectrum of military pyrotechnics and a guide for all personnel involved with the management of military pyrotechnic ammunitions and devices in design, production, inspection, training, and use. Answers know what, know why, and know how of pyrotechnic compositions and pyrotechnic ammunitions, and devices. Explains various concepts and mechanisms of military...

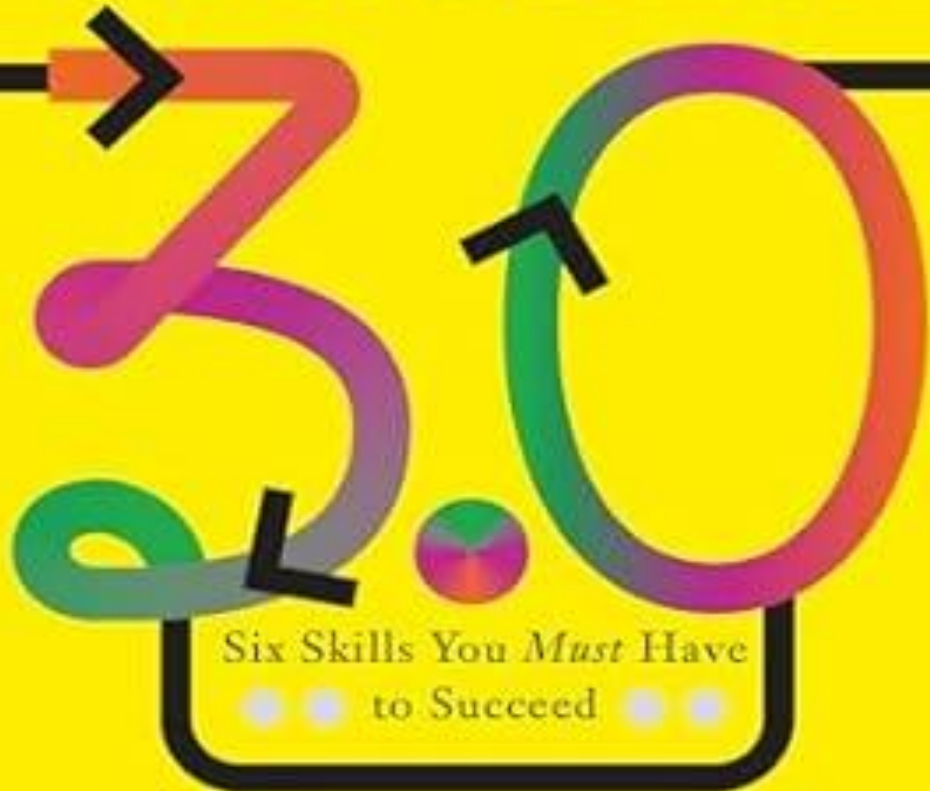


"A must-read guide on how to reinvent yourself and future-proof, yourself" —HAYAGREEVA RAO, Athill McBean Professor of Organizational Behavior, Graduate School of Business, Stanford University



ABHIJIT BHADURI

CAREER



Acc. No : 48309

Call No : 650.14 BHA-A

How to Thrive in the New World of Work. The old model of learn, earn, and retire is no longer viable. We are living longer, working longer, and facing constant changes in the skills and industries that demand them. We need a new approach to navigate the complex and uncertain landscape of work. What does it mean to have a career in the 21st century? We need to master the rules of Career 3.0. In this book, Abhijit Bhaduri, a renowned expert on talent and leadership, shows you how to develop the six key skills that will make you future-ready and successful in Career 3.0. Whether you work for an organization, run your own business, or do both, you will discover how to adapt to change, learn new skills, and lead with impact. Career 3.0 is a guide that will help you stay relevant. The book is filled with...

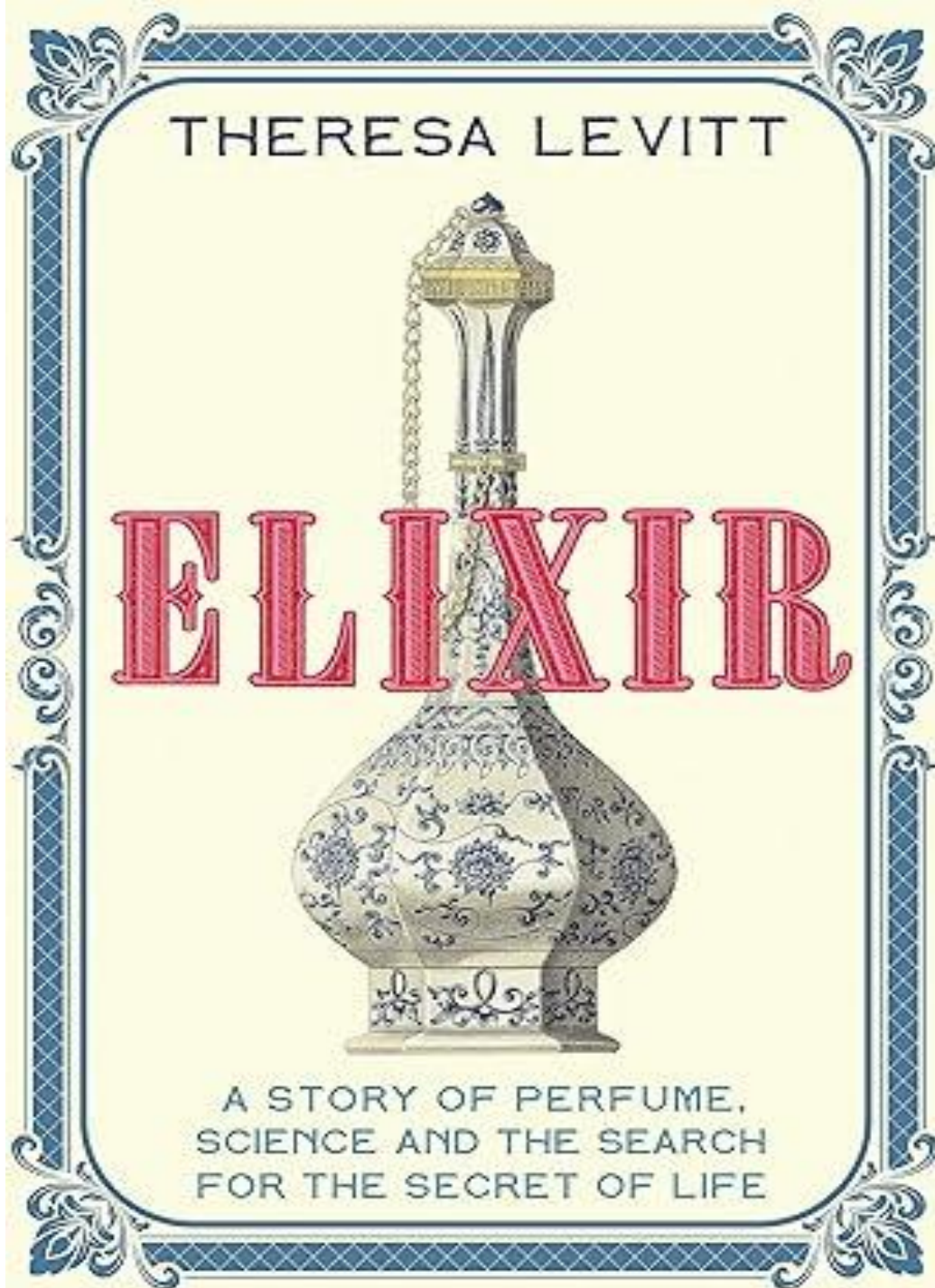


W. DAVID REES
CHRISTINE PORTER
**SKILLS OF
MANAGEMENT &
LEADERSHIP**
MANAGING PEOPLE
IN ORGANIZATIONS

Acc. No : 49012

Call No : 658.3 REE-W

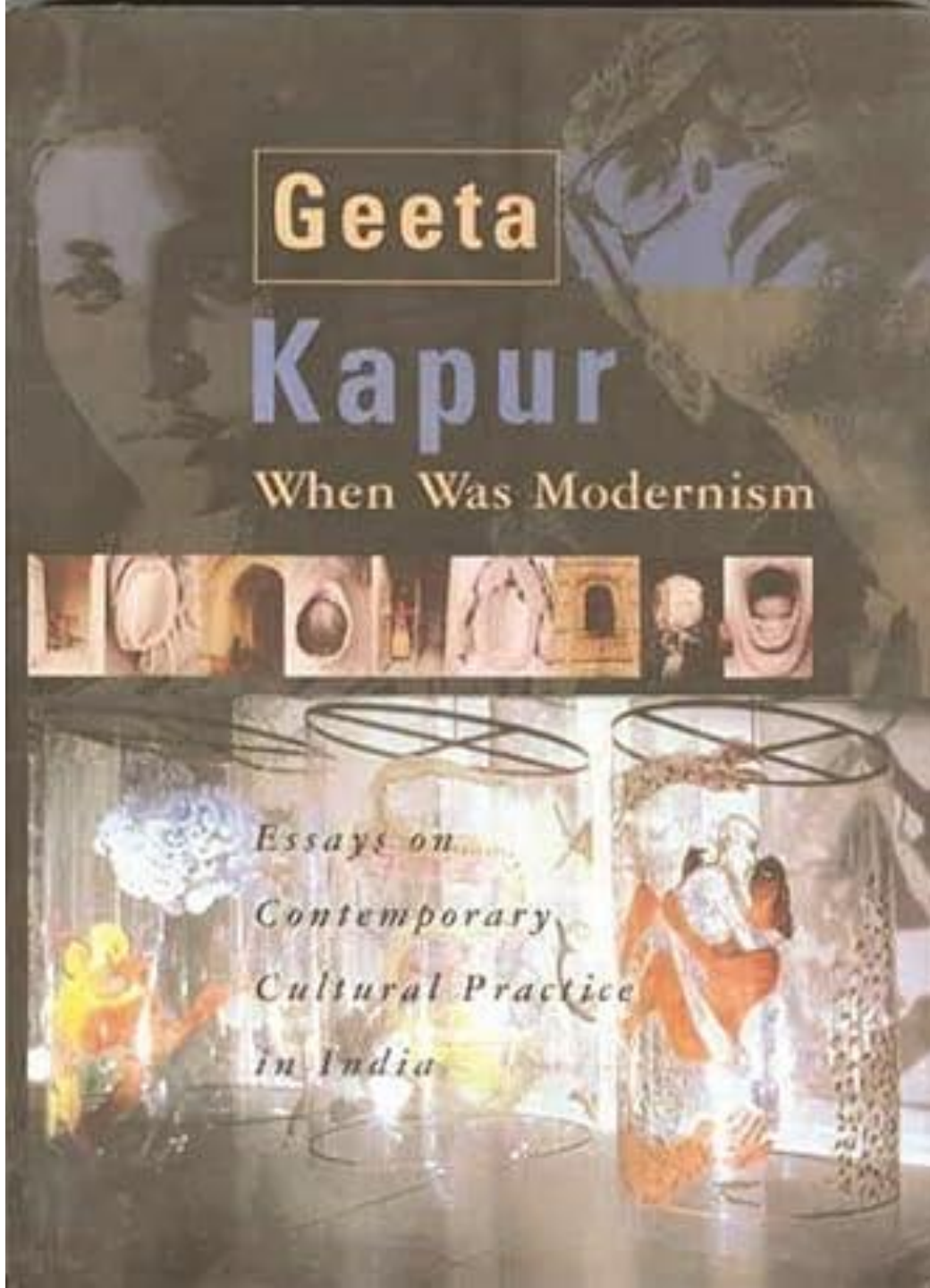
Skills of Management and Leadership is a concise introductory text focusing on the core skills of managing people in organizations. With a strong emphasis on people management, it addresses the needs of those in managerial and leadership roles, and identifies the skills needed to handle the growing range of managerial responsibilities such as prioritization, delegation, disciplinary and performance handling, and negotiation. Packed with real-life examples of management in practice, this text explores the key original concepts of the managerial escalator, the hybrid manager, and the managerial gap. The essence of a good managerial text book is that, in addition to being accurate and comprehensive, the subject matter is presented in a way that attracts and retains the attention of the reader...



Acc. No : 48174

Call No : 668.540944 LEV-T

Set amidst the unforgettable sights and smells of 18th and 19th-century Paris, Elixir tells the story of Edouard Laugier and Auguste Laurent, the son of a perfumer and a fellow aspiring chemist, who met on the Left Bank while pursuing their passion for science. Spurned by the scientific establishment of the time, the pair ended up working out of Edouard's family perfume shop, Laugier père et fils. By day, they prepared the revitalizing elixirs and rejuvenating eaux it was famous for, but by night, using the ingredients and techniques of the perfumery and the principles of alchemy, they pursued the secret of life itself. Beautifully written, Elixir reads like a novel, brimming with eccentric characters, experimental daring, and the romance of the Bohemian salon. It is also the story of a long-standing scientific puzzle, and...



Acc. No : 48706

Call No : 954.05 KAP-G

A commitment to modernity is the underlying theme of this volume. Through essays that are interpretive and theoretical, the author seeks to situate the modern in contemporary cultural practice. The essays are divided into three sections. The first two sections, Artists and Artworks and Film/Narratives, raise questions of authorship, genre, and contemporary features of national culture that materialize into an aesthetic in the Indian context. The last section Frames of Reference formalizes the polemical options developed across the book. The essays here propose resistance to the depoliticization of narratives and affirm an open-ended engagement with the avant-garde. They explore the possibility of art practice finding its own signifying space that is still a space for radical transformation, when...

INDIA RISING

MEMOIR OF A SCIENTIST

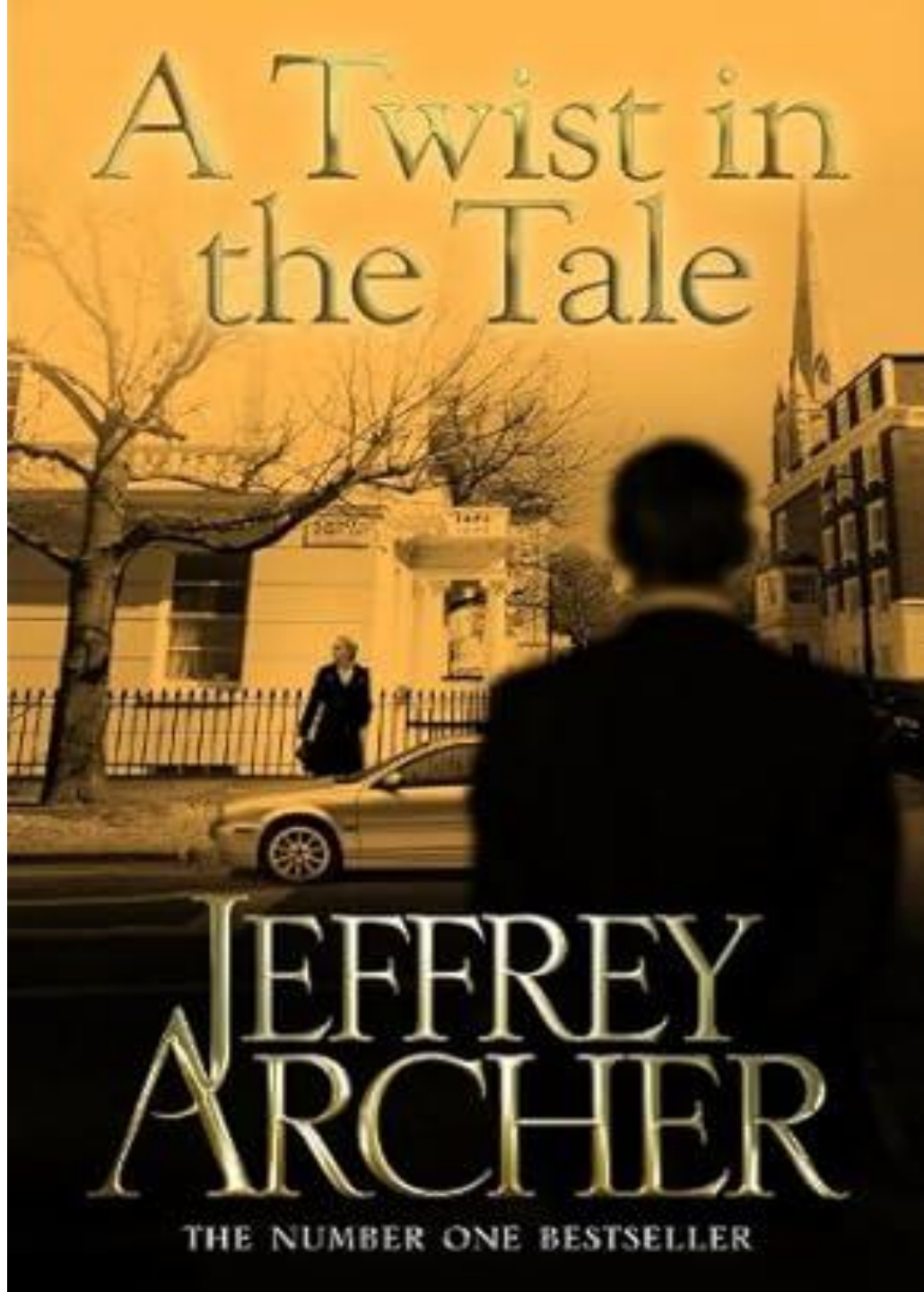
R. CHIDAMBARAM
with SURESH GANGOTRA



Acc. No : 48196

Call No : Biography CHI-R

The book looks at the life of one of India's foremost scientists, Dr R. Chidambaram, who served as principal scientific advisor to the Government of India and as chairman of the Scientific Advisory Committee to the Cabinet from November 2001 to March 2018. As one of India's most distinguished experimental physicists, Dr Chidambaram has made outstanding contributions to many aspects of basic science and nuclear technology. A Padma Vibhushan awardee, he played a leading and integral role in the design and execution of the peaceful Nuclear Explosion experiment at Pokhran in 1974 and led the team of the Department of Atomic Energy, which designed the nuclear devices and carried out in cooperation with the Defense Research and Development Organization the Pokhran tests in May...



Acc. No : 49786

Call No : Fiction ARC-J

A compelling book of short stories from the number one bestselling author, Jeffrey Archer. A man calls unexpectedly on his mistress and sees another man leaving her flat. Accusing her of being unfaithful, he quarrels with her, strikes her. She dies. Leaving unseen, he tips off the police so that the other man is arrested and charged. Has he achieved 'The Perfect Murder'? A tantalizing opening to A Twist in the Tale, a fantastic collection of short stories. Consider also: a wine-tasting with a bizarre difference, a game of sex with a sexy stranger, a violent row in a golf clubhouse bar, a rivalry founded on eating cornflakes, just some of the openings in this cunningly constructed, fast-moving, entertaining set of stories from the bestselling author. It is an amazing book, very easy language everyone can...



NOTHING

A body in the Woods

MORE

A cold case turned hot

TO TELL

A story to die for



KAREN M. McMANUS

THE BESTSELLING AUTHOR OF **ONE OF US IS LYING**

Acc. No : 49343

Call No : Fiction MCM-K

Four years ago, Brynn left Saint Ambrose School following the shocking murder of her favorite teacher. The case was never solved, but she's sure that the three kids who found Mr. Larkin's body know more than they're telling, especially her ex-best friend Tripp Talbot. He's hiding something. When Brynn gets an internship working on a popular true-crime show, she decides to investigate what happened that day in the woods. But the further she dives into the past, the more secrets she finds. Four years ago, someone got away with murder. Now it's time to uncover the truth. *Nothing More to Tell* by Karen M. McManus is such a fun, twisty little mystery. It follows Brynn, who returns to her old school years after her favorite teacher was murdered, an unsolved case that never sat right with her, now...



Read it yourself with Ladybird

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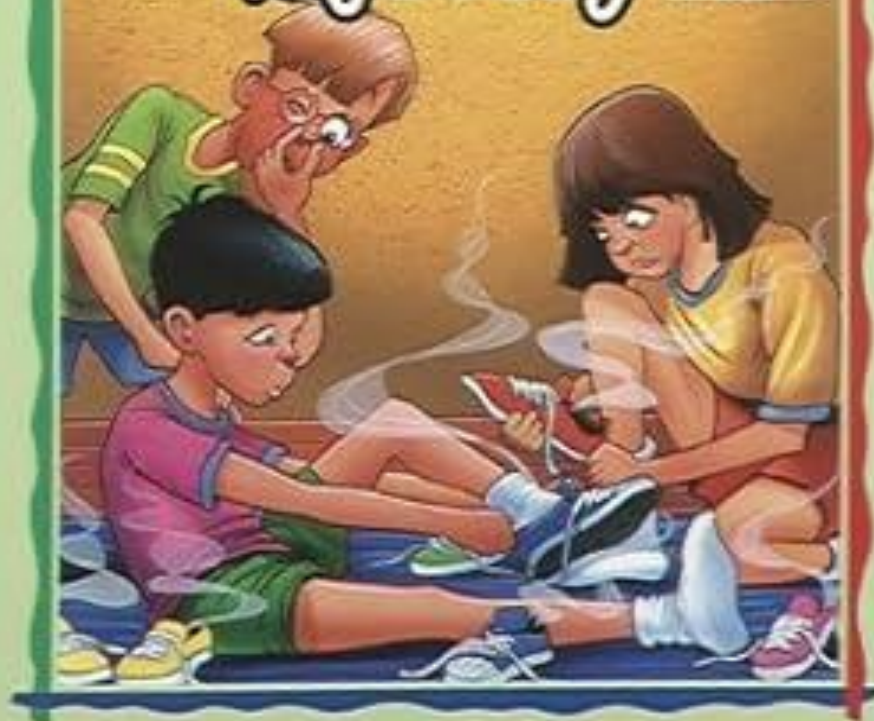
Acc. No : 46831

Call No : 428.6 CLA-Z (Young Learners)

Read it yourself with Ladybird is one of Ladybird's best-selling reading series. For over thirty-five years, it has helped young children who are learning to read develop and improve their reading skills. Each Read it yourself book is very carefully written to include many key, high-frequency words that are vital for learning to read, as well as a limited number of story words that are introduced and practised throughout. Simple sentences and frequently repeated words help to build the confidence of beginner readers, and the different levels of books support children all the way from very first reading practice through to independent, fluent reading. There are more than one hundred titles in the Read it yourself series, ranging from classic fairy tales and traditional world stories to favourite children's brands such as Peppa Pig and Peter Rabbit. A range of...

THE CUL-DE-SAC KIDS

The Stinky Sneakers Mystery



Beverly Lewis

innovate

achieve

lead

Acc. No : 44352

Call No : Fiction LEW-B (Young Learners)

Jason Birchall's been bragging all week about his science fair project alfalfa sprouts growing in a carpet square! But on the morning of the fair, Jason's super sprouts are missing. Will Miss Hershey give him a big, fat zero? And why does Eric Hagel look so sneaky? Then, during P.E., globs of rotten-smelling cheese show up in the Cul-de-sac Kids' sneakers. Who would make such a stink? And why? Jason Birchall wanted first place in the science fair. So did all the kids in Miss Hershey's class. But Jason was the only one bragging about his project. He bragged to his friends Eric, Shawn, and Dunkum. He bragged during math, at lunch, and all during recess. Jason was still talking about his project on the walk home from school. I am getting first place this year, he said. Can you guess why? Eric Hagel and Shawn Hunter shook their heads...

Links to Access Library Resources / Services

OPAC Link: <https://bitspilani-hyd-opac.kohacloud.in/>

E-Resources Link: <https://bitspilani-hyd-opac.kohacloud.in>

Digital Library: <http://125.22.54.221:8080/jspui/> (within the Campus)

Old Question Papers: <http://125.22.54.221:8080/jspui/handle/123456789/1>
(within the Campus Only)

Online News Papers: <https://onlinenewspapers.com/india.shtml>



Thank you