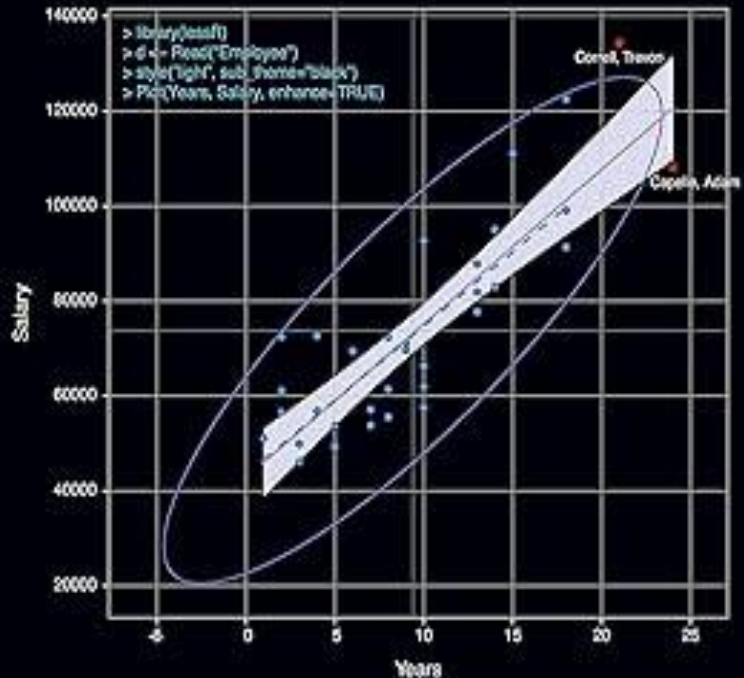




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Call No : 001.4226 GER-D

R Visualizations: Derive Meaning from Data focuses on one of two major data analytics topics: data visualization and computer graphics. In the book, major R systems for visualization are discussed, and organized by topic and not by system. Anyone doing data analysis will be shown how to use R to generate any of the basic visualizations with the R visualization systems. Further, this book introduces the author's less R system, which always can accomplish a visualization with less coding than the use of other systems, sometimes dramatically so, and also provides accompanying statistical analyses. Features of this book are Presents thorough coverage of the leading R visualization system, ggplot2. Gives specific guidance on using base R graphics to attain visualizations of the same quality as those provided by...

R Visualizations

Derive Meaning from Data

David W. Gerbing



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Call No : 006.31 ALP-E

INTRODUCTION TO

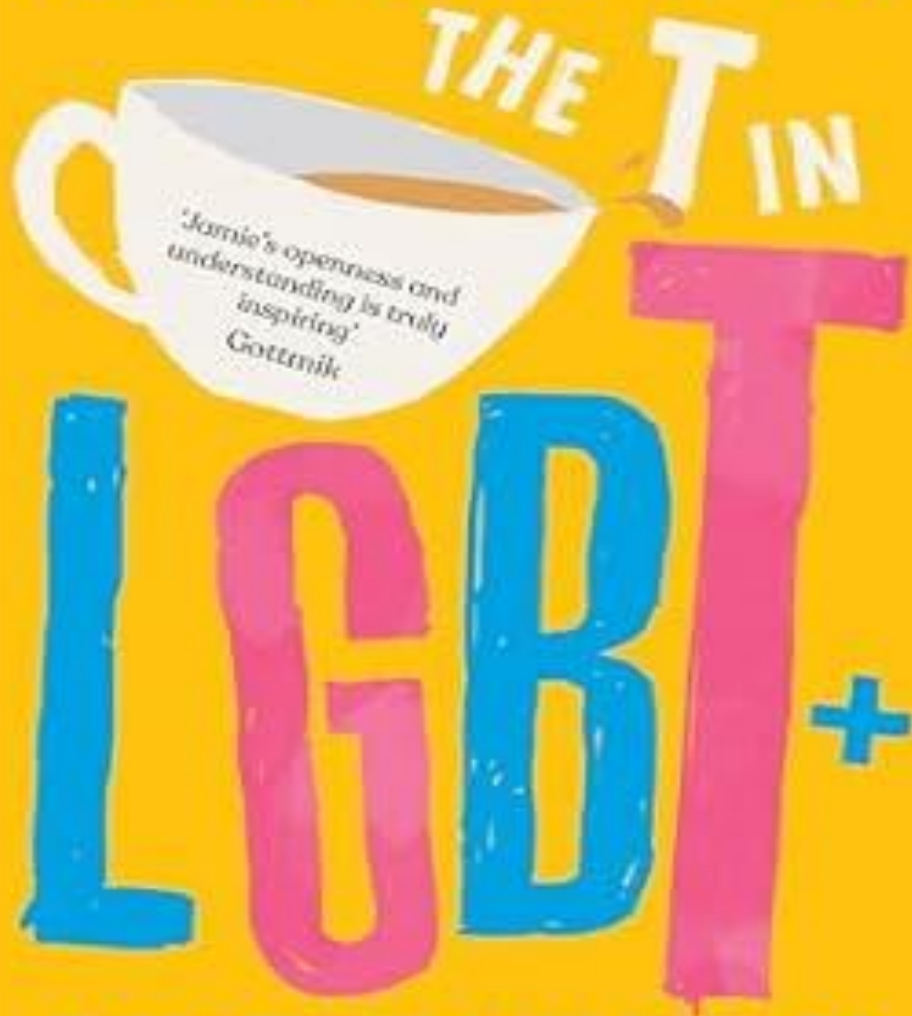
Machine Learning

fourth edition

ETHEM ALPAYDIN

The goal of machine learning is to program computers to use example data or experience to solve a given problem. Machine learning underlies such exciting new technologies as self-driving cars, speech recognition, and translation applications. This substantially revised fourth edition of a comprehensive, widely used machine learning textbook offers new coverage of recent advances in theory and practice, including developments in deep learning and neural networks. The book covers a broad array of topics not usually included in introductory machine learning texts, including supervised learning, Bayesian decision theory, parametric methods, semiparametric methods, nonparametric methods, multivariate analysis, hidden Markov models, reinforcement learning, kernel...

JAMIE RAINES



EVERYTHING YOU NEED TO
KNOW ABOUT BEING TRANS



Acc. No : 48685

Call No : 155.35 RAI-J

Hey, I'm Jamie, a 29-year-old trans guy from the UK. I've been transitioning for 12 years now after realizing I was trans by accident at sixteen years old. I knew I was a boy since the age of four, but realized whilst growing up that I was different. It was only in my teens that I found the words to express who I was and what I needed to do. Since then, I've been on testosterone for more than a decade I know, I can't believe it either I've also had top and bottom surgery and legally changed my sex, so I know a few things about the transitioning process and being trans. I want to welcome you to The T in LGBT where you can explore and learn about so many topics surrounding gender identity realizing you're trans, starting hormones, considering surgery, and everything in between. Whether you're questioning your own...

*The Art and Science
of Getting Happier*

BUILD

the

LIFE

You

WANT

ARTHUR C. BROOKS

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In **Build the Life You Want**, Harvard's Arthur C. Brooks and Oprah Winfrey invite you to begin a journey toward greater happiness, no matter how challenging your circumstances. Combining their decades of experience studying happiness from every angle, they show you how to improve your life right now instead of waiting for the outside world to change. You will learn how to, **Manage your emotions so they no longer control your outlook and behavior, Turn life's inevitable difficulties and challenges into opportunities for growth, Strengthen your family ties by managing your expectations and building trust, Create and preserve deep and lasting friendships at any age, Develop an approach to work that fits your life and brings satisfaction, Find your inner peace with a spiritual...**

A Guide to What Matters Most

With a
foreword by
**MARIA
SHRIVER**

LIFE WORTH LIVING

MIROSLAV VOLF,
MATTHEW CROASMUN
and RYAN MCANNALLY-LINZ



Acc. No : 48352

Call No : 210 VOL-M

What kind of life would be truly worth wanting? What kind of world would be truly worth seeking? How should we live? We are facing a crisis of meaning. Swept up in the day-to-day obstacles, the deeper questions of our fundamental purpose linger just beneath the surface of our personal lives and collective culture. What we need is to seek the truth. In *Life Worth Living*, leading Yale theologians Volf, Croasmun, and McAnnally-Linz offer a deep dive beneath the levels of habit, strategy, and introspection to the bedrock question of what kind of life is truly worth living. Inspired by the leading Yale course of the same name, this perspective-shifting book will guide you through life's biggest questions. Drawing on the world's greatest religious and philosophical traditions, this is your path...



The Routledge International
Handbook of Globalization
Studies

Second edition

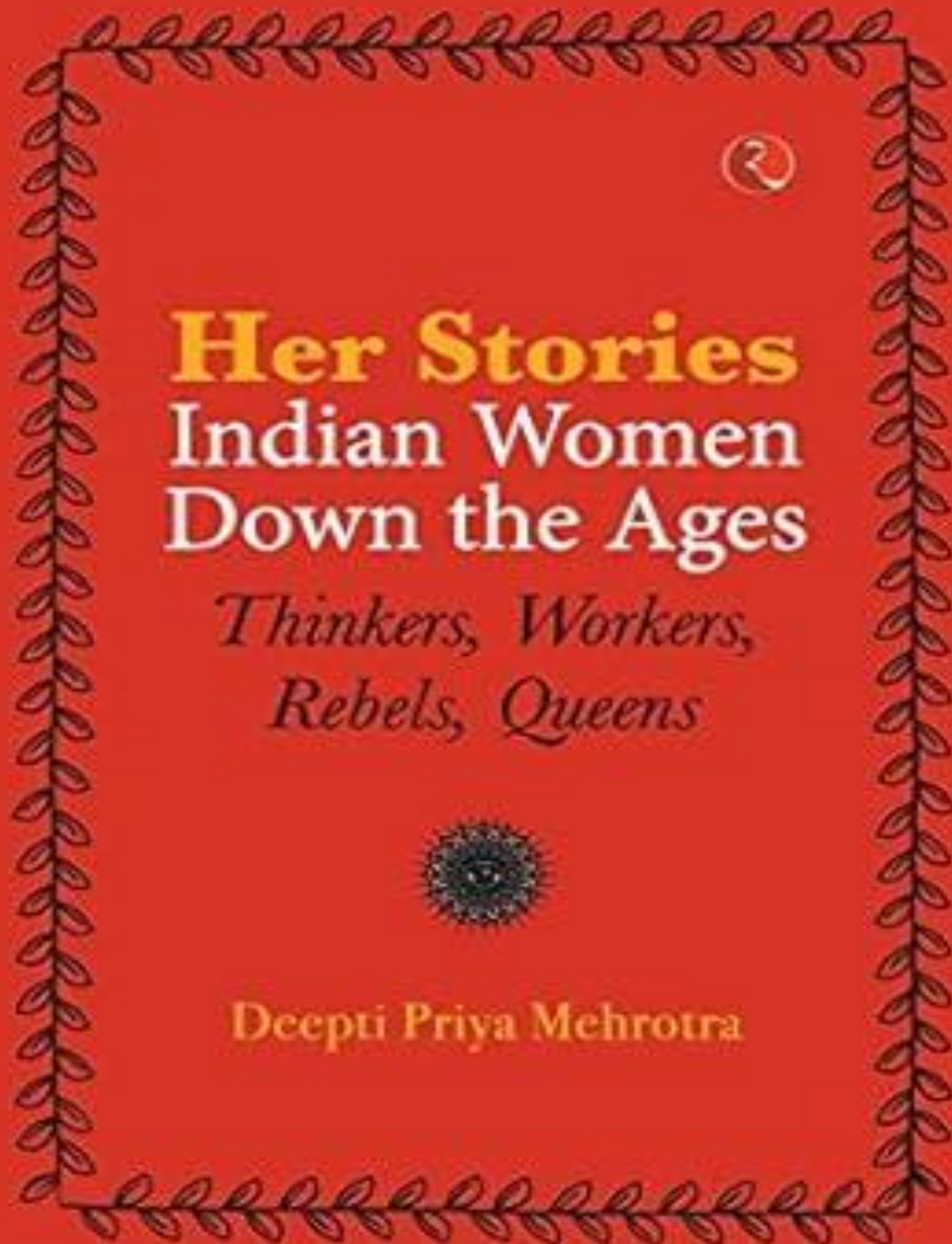
Edited by Bryan S. Turner and Robert J. Holton



Acc. No : 48888

Call No : 303.482 TUR-B

The second edition of the Routledge International Handbook of Globalization Studies offers students clear and informed chapters on the history of globalization and key theories that have considered the causes and consequences of the globalization process. Substantive sections are looking at demographic, economic, technological, social, and cultural changes in globalization. The handbook examines many negative aspects of new wars, slavery, illegal migration, pollution, and inequality, but it concludes by examining responses to these problems through human rights organizations, international labor law, and the growth of cosmopolitanism. There is a strong emphasis on interdisciplinary approaches with essays covering sociology, demography, economics, politics...



Acc. No : 47754

Call No : 305.40954 MEH-D

Some were celebrated, Others vilified While some were casually neglected Yet, the story of these women lived on Her-Stories is a discussion of women from Indian history whose contributions have been all but forgotten. These were poets, performers, warriors, saints, philosophers, activists, and more, yet we hardly remember their courage and contributions. The time has come to bring their history to the fore. Their stories describe desperate situations, ingenious strategies and brilliant sparks of feminist consciousness. Rather than accounts of isolated 'great women', these stories place at the center the ordinary woman, in all her splendid diversity, multifaceted struggle, and achievement. The women profiled were encouraged and supported by others their achievements represent the aspirations...

2e

IMPORTANT ACTS

THAT TRANSFORMED

INDIA

FOR UPSC CIVIL SERVICES EXAMINATION

ALEX ANDREWS GEORGE

Mc
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The second edition of Important Acts That Transformed India by Alex Andrews George gives a detailed overview of 100 laws that shaped India. The way democracy now functions in India owes a lot to many laws enacted by the Indian Parliament. It is interesting to learn how certain Acts reinforced the essence of the Indian Constitution, strengthened democracy, and changed the lives of ordinary citizens of India. The book Important Acts That transformed India presents an easy understanding of the synopsis of important Acts enacted by the Indian Parliament from the pre-Independence period to the present. The book is a handy compilation of 100 important Acts divided topic-wise into 12 Parts. Each chapter or Act is divided into Introduction, Background, Objective, Main provisions, Amendments...



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WHAT THE ECONOMY NEEDS NOW

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India's economy is under threat with rising unemployment, banks in crisis, falling GDP and farmers' unrest making headlines daily. In this brilliant and urgent book, the country's most important economists, including Abhijit Banerjee, Gita Gopinath, and Raghuram Rajan, bring together their proposals on how to get the country back on track. Collectively the book provides solutions to the key problems that India is currently facing labour reforms, healthcare, education and the environment while also focusing on the vital economic growth of the nation. Rigorously yet accessibly argued, *What the Economy Needs Now* is a timely and deeply important book. The book is more of a combination of chapters written by distinguished economists. Each chapter dealing with a different problem faced by the...

Foreword by
N.R. NARAYANA MURTHY



India's Pathways to Success

Winning in the



NEXT DECADE

Edited by

Ganesh Natarajan
and Ejaz Ghani



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Call No : 338.954 NAT-G

Where does India stand today economically, socially and politically, 75 years after Independence? Where should it aspire to go from here in the next 25 years as it touches the milestone of 100 years of Independence in 2047? Should India become a manufacturing powerhouse to rival China? Or should it stay content with services and become the Information Superpower of the world? What about pursuing new opportunities in agriculture, healthcare, and other segments to become the world's best user of technology to create globally best-in-class industries? Can a new wave of research and innovation be unleashed to transform urban and rural habitats where high-quality education and skills are available to create sustainable livelihoods through employment and entrepreneurship? Will India be able...

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IMPORTANT JUDGMENTS

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INDIA

FOR UPSC CIVIL SERVICES EXAMINATION



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ALEX ANDREWS GEORGE



Acc. No : 47735

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The way democracy now functions in India owes a lot to many Supreme Court judgments. The book *Important Judgments that transformed India* by Alex Andrews George presents an easy understanding of the landmark court cases that everyone needs to know about. It is quite interesting to learn how the Supreme Court judgments protected the essence of the Indian Constitution, strengthened democracy, and transformed the lives of ordinary citizens of India. The book *Important Judgments That Transformed India* effectively caters to the requirements of many competitive examinations, particularly the UPSC Civil Services Examination Prelims, Mains, and Interview. It is equally valuable to all academicians, legal students, and general readers who are interested in Indian...

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Kaye
Rabel



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Learning how to effectively manage your health and well-being is essential for living a balanced, enjoyable life. This useful guide gives you the tools and resources to improve and maintain a healthy body and mind, while also providing tips on fostering better relationships with those around you. Identify ways to have a healthier body and mindset. Improve the relationships in your life. Set and achieve personal goals. Super Quick Skills provides the essential building blocks you need to succeed at university fast. Packed with practical, positive advice on core academic and life skills, you'll discover focused tips and strategies to use straight away. Whether it's writing great essays, understanding referencing, or managing your well-being, find out how to build good habits and progress your skills...

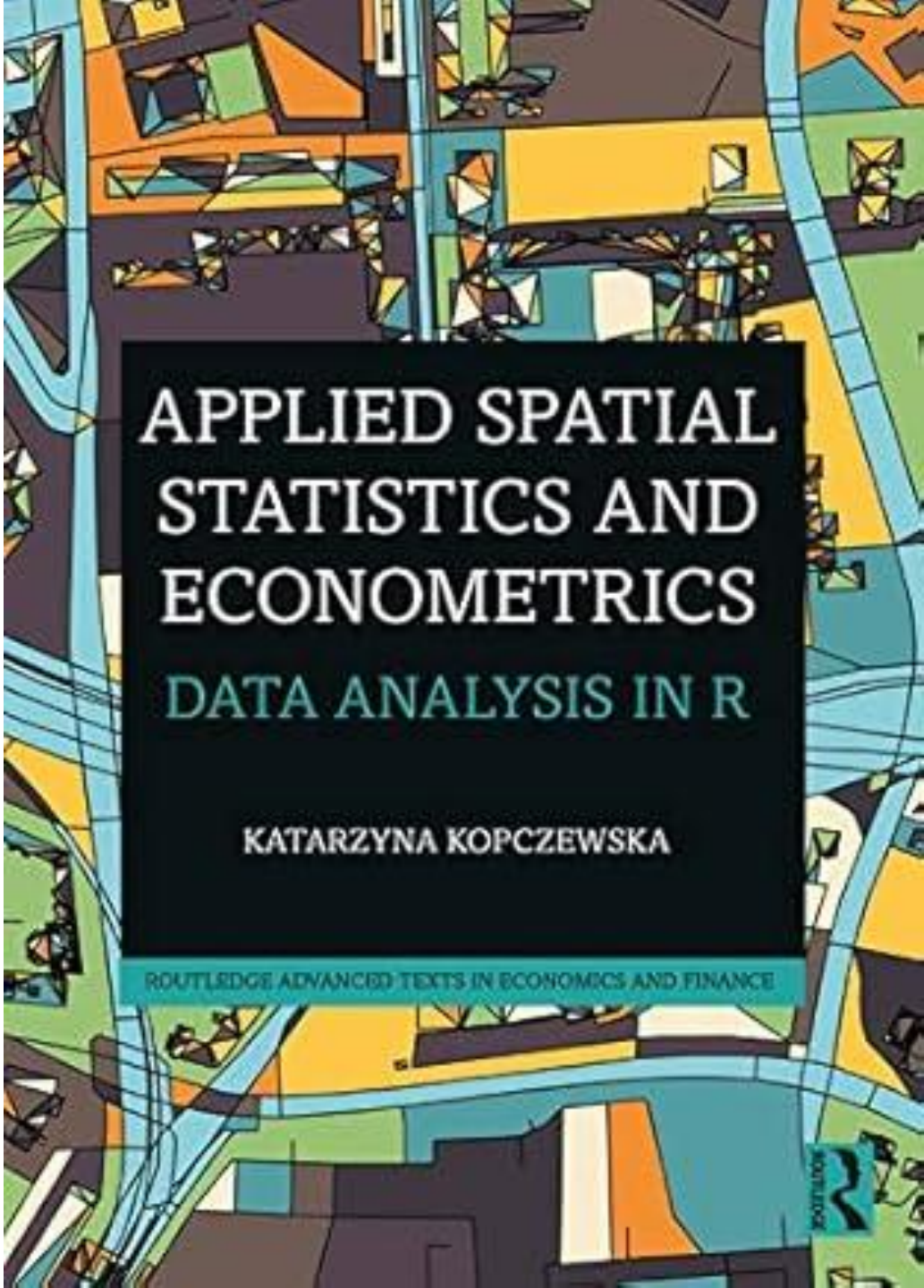


BY NATIONAL AWARD WINNING WRITER & DIRECTOR
VIVEK RANJAN AGNIHOTRI

Acc. No : 48550

Call No : 500 AGN-V

As the COVID-19 pandemic rages on, Dr Bhargava, the director general of Indian Council of Medical Research, assembles a crack team of India's most brilliant minds, including Dr Nivedita Gupta, Dr Priya Abraham and Dr Pragya Yadav. Together they mount a mission to save humanity from the unseen enemy. The challenges they face are daunting. They must navigate the treacherous waters of international diplomacy and deal with excessive bureaucratic control. Often enough, they find themselves battling against time and misinformation fuelled by fake news. Along the way, they are forced into moral dilemmas to make life-or-death decisions that affect the nation and its people. As they work tirelessly to develop and distribute a vaccine against the deadly coronavirus that threatened to ravage India, they face...



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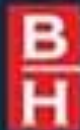
Call No : 519.535 KOP-K

This textbook is a comprehensive introduction to applied spatial data analysis using R. Each chapter walks the reader through a different method, explaining how to interpret the results and what conclusions can be drawn. The author team showcases key topics, including unsupervised learning, causal inference, spatial weight matrices, spatial econometrics, heterogeneity, and bootstrapping. It is accompanied by a suite of data and R code on Github to help readers practice techniques via replication and exercises. This text will be a valuable resource for advanced students of econometrics, spatial planning, and regional science. It will also be suitable for researchers and data scientists working with spatial data. Space is the fundamental, feature of matter, in addition to time, is one of the basic variables in...

W. MICHAEL LAI DAVID RUBIN ERHARD KREMPPL

INTRODUCTION TO CONTINUUM MECHANICS

FOURTH EDITION




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Continuum Mechanics is a branch of physical mechanics that describes the macroscopic mechanical behavior of solid or fluid materials considered to be continuously distributed. It is fundamental to the fields of civil, mechanical, chemical, and bioengineering. This time-tested text has been used for over 35 years to introduce junior and senior-level undergraduate engineering students, as well as graduate students, to the basic principles of continuum mechanics and their applications to real engineering problems. The text begins with a detailed presentation of the coordinate invariant quantity, the tensor, introduced as a linear transformation. This is then followed by the formulation of the kinematics of deformation, large as well as very small, the description of stresses, and the basic laws of...

Alain Goriely

The Mathematics and Mechanics of Biological Growth

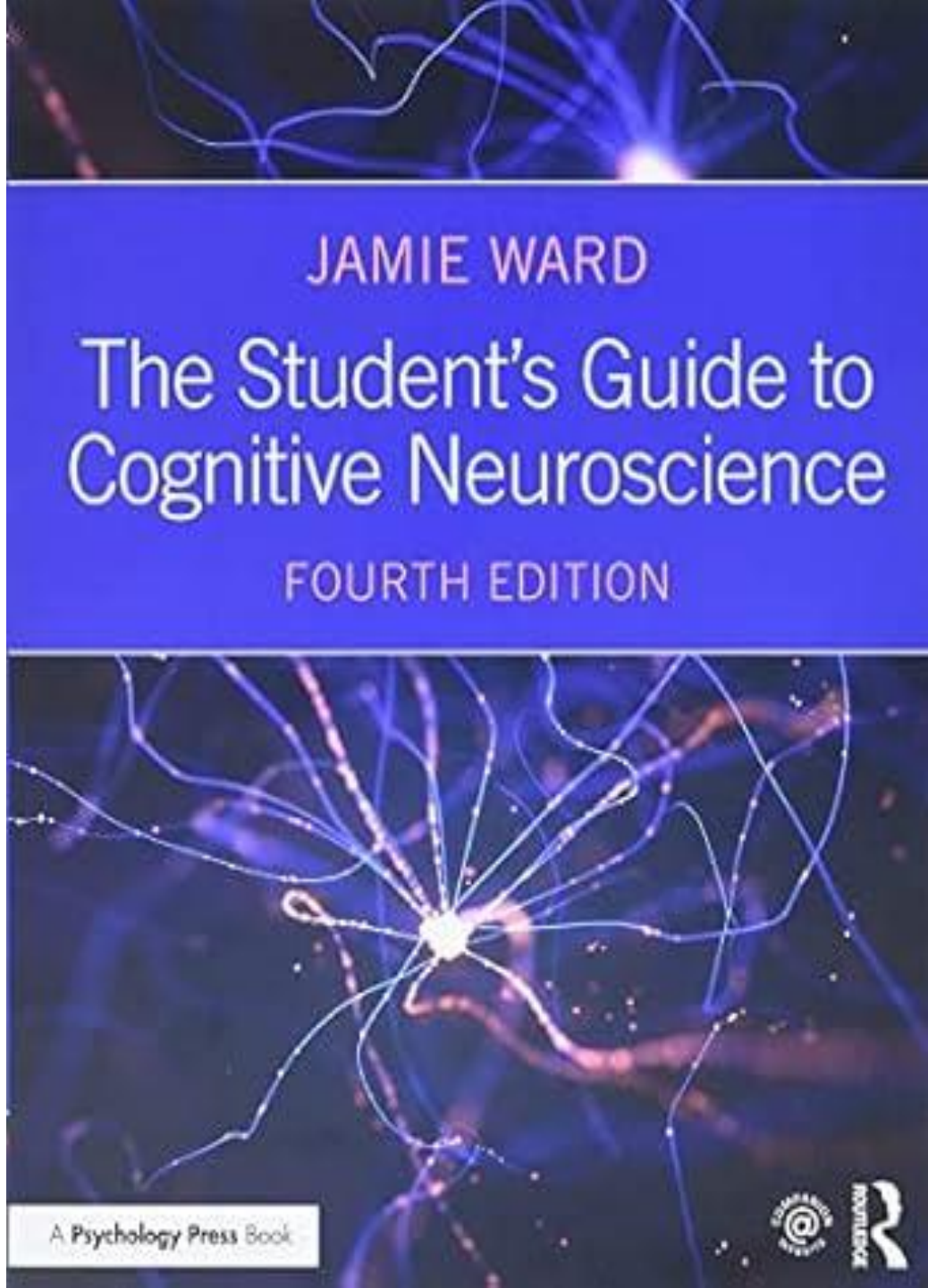
 Springer



Acc. No : 48895

Call No : 570.151 GOR-A

This monograph presents a general mathematical theory for biological growth. It provides both a conceptual and a technical foundation for the understanding and analysis of problems arising in biology and physiology. The theory and methods are illustrated on a wide range of examples and applications. A process of extreme complexity, growth plays a fundamental role in many biological processes and is considered to be the hallmark of life itself. Its description has been one of the fundamental problems of life sciences, but until recently, it has not attracted much attention from mathematicians, physicists, and engineers. The author herein presents the first major technical monograph on the problem of growth since D'Arcy Wentworth Thompson's 1917 book *On Growth and...*



Acc. No : 48894

Call No : 612.8233 WAR-J

Reflecting recent changes in the way cognition and the brain are studied, this thoroughly updated fourth edition of this bestselling textbook provides a comprehensive and student-friendly guide to cognitive neuroscience. Jamie Ward provides an easy-to-follow introduction to neural structure and function, as well as all the key methods and procedures of cognitive neuroscience, to help students understand how they can be used to shed light on the neural basis of cognition. The book presents a comprehensive overview of the latest theories and findings in all the key topics in cognitive neuroscience, including vision, hearing, attention, memory, speech and language, numeracy, executive function, social and emotional behavior, and developmental neuroscience. Throughout, case studies, newspaper reports and...

INTRODUCTION TO AUTOCAD 2020 2D and 3D Design



Acc. No : 48479

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Master the complexities of the world's bestselling 2D and 3D software with Introduction to AutoCAD 2020. Ideally suited to new users, and relevant for both AutoCAD 2020 and AutoCAD 2021, this book will be a useful resource for drawing modules in both vocational and introductory undergraduate courses in engineering and construction. Experienced users will also find the updated images, commands, and software information to be essential reading to adapt to the latest AutoCAD interface. A comprehensive, step-by-step introduction to the latest release of AutoCAD. Covering all the basic principles and acting as an introduction to 2D drawing, it also contains extensive coverage of all 3D topics, including 3D solid modeling and rendering. Written by a member of the Autodesk Developer Network...



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HEAT TRANSFER

EVOLUTION, DESIGN AND PERFORMANCE



WILEY



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Heat Transfer presents the fundamentals of the generation, use, conversion, and exchange of heat between physical systems. A pioneer in establishing heat transfer as a pillar of the modern thermal sciences, Professor Adrian Bejan presents the fundamental concepts and problem-solving methods of the discipline, predicts the evolution of heat transfer configurations, the principles of thermodynamics, and more. Building upon his classic 1993 book Heat Transfer, the author maintains his straightforward scientific approach to teaching essential developments such as Fourier conduction, fins, boundary layer theory, duct flow, scale analysis, and the structure of turbulence. In this new volume, Bejan explores topics and research developments that have emerged during the past...



When Most Retire, Some Re-Fire

How to Give Life Your Best Shot

Nirmal Yadav



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When was the last time you chose passion over stability? When was the last time you lived for yourself? The first half of our life is mostly spent conforming to societal pressures studying well, finding a job, getting married, and raising children. Amidst the hubbub of fulfilling our duties and doing the 'right things', we often forget to put our aspirations before anything else. Then, one day, we realize that we had stopped living at a young age and fear there is no going back. But is it truly so? When Most Retire, Some Re-Fire is a stirring and stimulating book that will change your perception of life. Leaving a full-time job to pursue counseling in her forties and then taking up shooting in her sixties, winning championships, and setting new records was no small feat for the author. This book is peppered with...



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Everyone has a different purpose and passion. To each their own. But if you picked up this book, and have read this far, it's clear you are passionate about achieving wealth, financial success, and financial freedom. I recognized early that my passion was to be financially successful in a broad range of businesses and careers while staying close to my home and family. That's why my career has included being a professional sports handicapper, media personality author and speaker TV creator, producer, host CEO and entrepreneur, and spokesman pitchman for companies across the globe. Each of those careers has allowed me to work from home. Very few hours of my life have been spent in a traditional office. Working at home has given me an extra two to four hours per day in time saved, allowing...



Managing AI in the Enterprise

Succeeding with AI Projects and MLOps to Build Sustainable AI Organizations

— Klaus Haller

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Delivering AI projects and building an AI organization are two big challenges for enterprises. They determine whether companies succeed or fail in establishing AI and integrating AI into their digital transformation. This book addresses both challenges by bringing together organizational and service design concepts, project management, and testing and quality assurance. It covers crucial, often-overlooked topics such as MLOps, IT risk, security and compliance, and AI ethics. In particular, the book shows how to shape AI projects and the capabilities of an AI line organization in an enterprise. It elaborates critical deliverables and milestones, helping you turn your vision into a corporate reality by efficiently managing and setting goals for data scientists, data engineers, and other...

New Technologies for Electrochemical Applications

EDITED BY

Mu. Naushad
Saravanan Rajendran
Abdullah M. Al-Enizi



Acc. No : 48469

Call No : 660.297 NAU-M

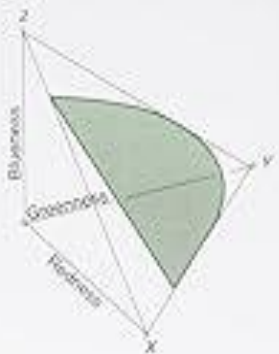
The field of electrochemistry is exploring beyond its basic principles to innovation. **New Technologies for Electrochemical Applications** presents advancements in electrochemical processes, materials, and technology for electrochemical power sources such as batteries, supercapacitors, fuel cells, hydrogen storage, and solar cells. It also examines various environmental applications such as photoelectrochemistry, photosynthesis, and coating. Organized to give readers an overview of the current field in electrochemical applications, this book features a historical timeline of advancements and chapters devoted to the topics of organic material and conducting polymers for electrochemical purposes. Established experts in the field detail state-of-the-art materials in biosensors...



THIRD EDITION

INTRODUCTION TO ARCHITECTURAL SCIENCE

THE BASIS OF SUSTAINABLE DESIGN



STEVEN V. SZOKOLAY

Special Indian Edition



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Now in its third edition, this book provides the ideal and only reference to the physical basis of architectural design. Fully updated and expanded throughout, the book provides the data required for architects to design buildings that will maintain the user's comfort in a variety of conditions, with minimal reliance on energy-intensive methods like air conditioning. This is not a 'how to' book but answers the question of why. It equips the reader with the tools to realize the full potential of the good intentions of sustainable, bioclimatic design. All sections have been revised and updated for this third edition including all the most relevant developments affecting heat, light, and sound controls. This new edition provides additional coverage on the following areas. Water sources and supply and...



Orient Black Swan

Modernity, its Pathologies and Reenchantments

Edited by
Shail Mayaram



Acc. No : 48845

Call No : 909.08 MAY-S

Modernity, its Pathologies, and Reenchantments is a tribute to one of the most creative contemporary Indian intellectuals, Ashis Nandy, and celebrates his contribution as a theorist, particularly his exploration of the modern self. As an intellectual, Nandy's object of inquiry is modernity itself, both in the West and the non-West. Even as his focus has been on the pathologies of modernity, his work also allows us to visualize a different future. This volume highlights that duality: the essays discuss the problems and pathologies of modernity, while also showing us alternative pathways to the desacralization and disenchantment in the world. The book is divided into two sections. Pathologies of Modernity, and Reenchantments of Modernity. In a detailed Introduction, Shail Mayaram draws on...

Celebrating 35 Years
COLLECTOR'S EDITION

THE MAN WHO SAVED INDIA

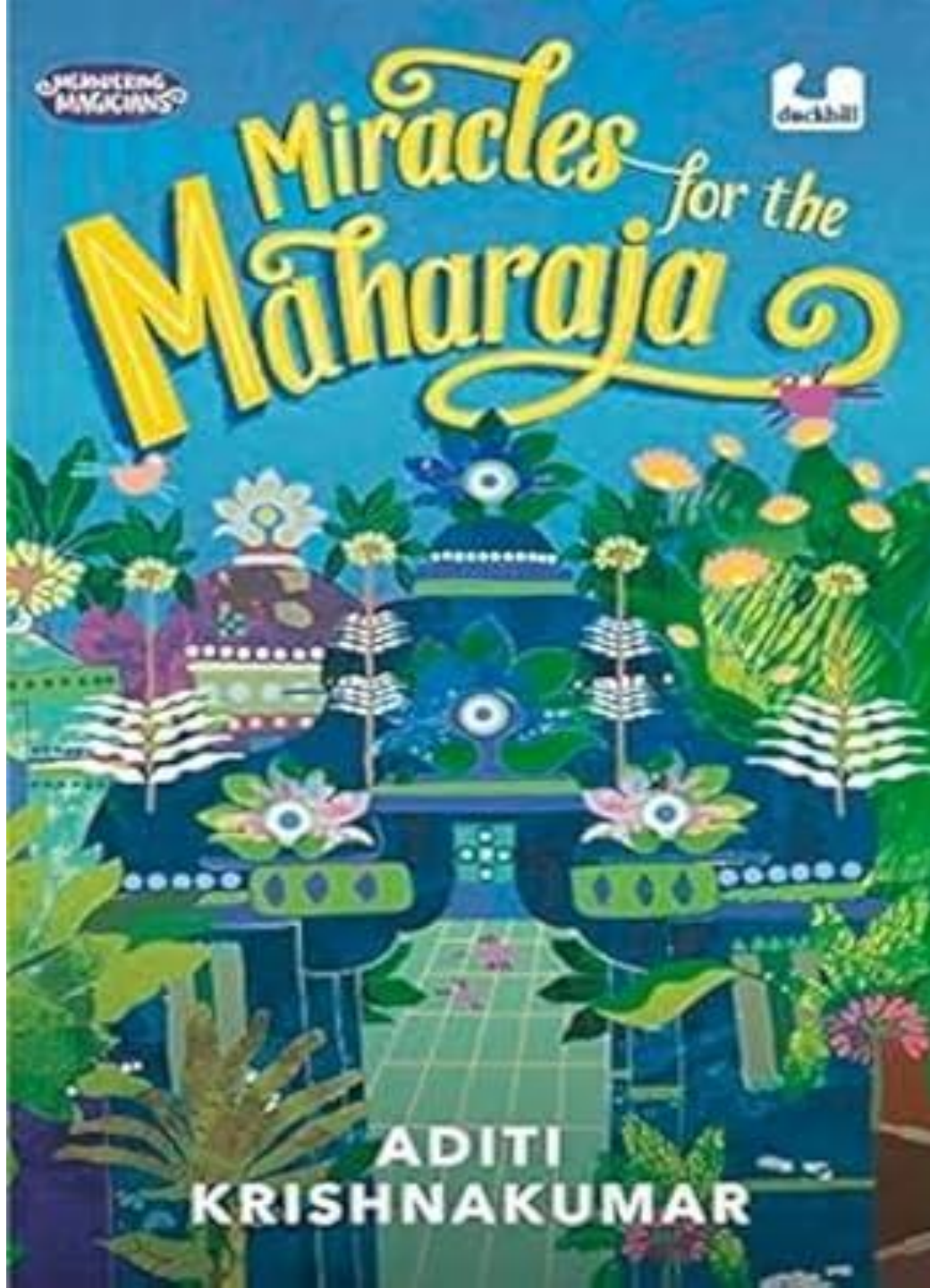
*Sardar Patel and
His Idea of India*
Hindol Sengupta



Acc. No : 48687

Call No : Biography SEN-H

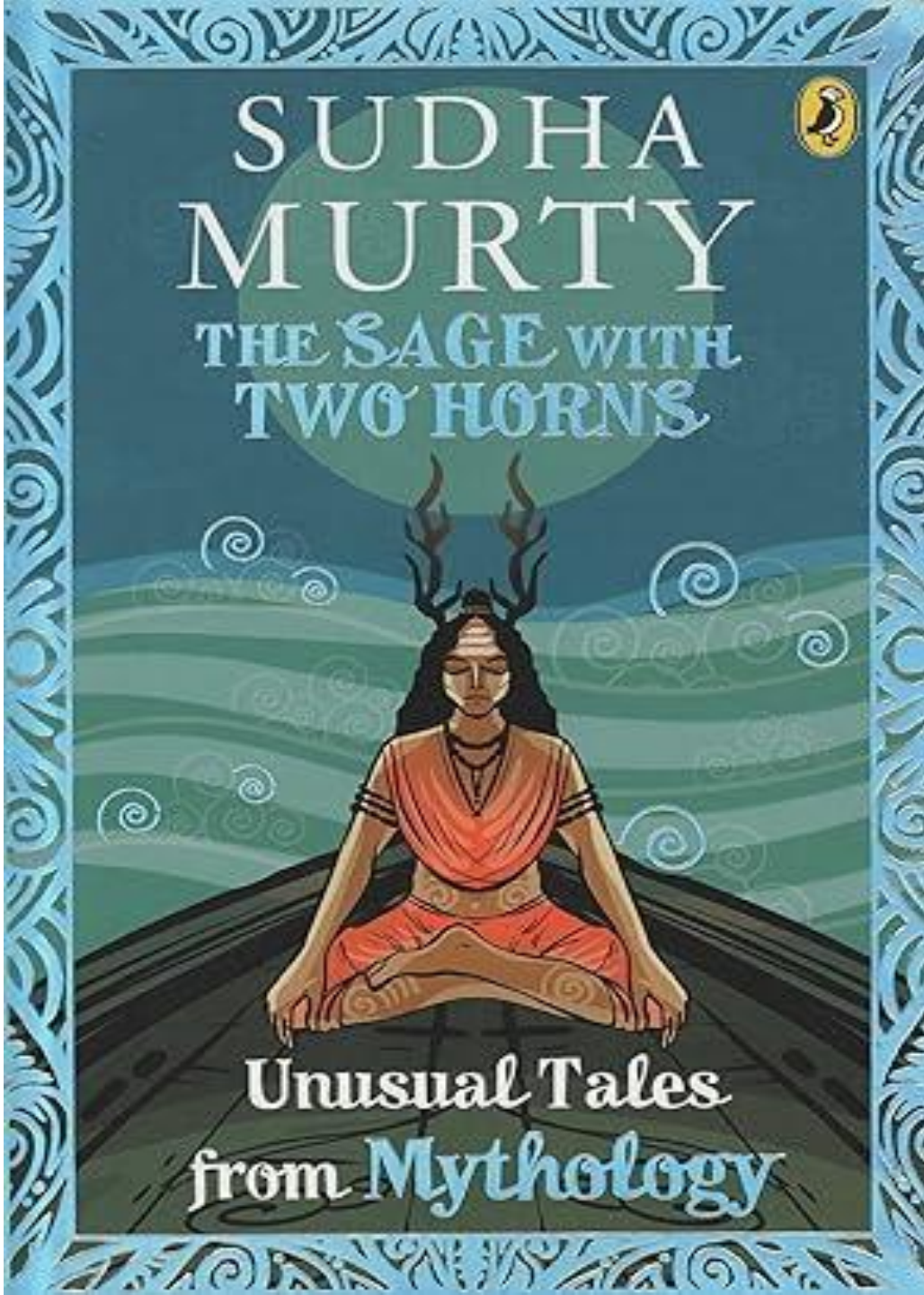
There is perhaps no political figure in modern history who did more to secure and protect the Indian nation than Sardar Vallabhbhai Patel. But, ironically, seventy years after Patel brought together piece by piece the map of India by fusing the princely states with British India to create a new democratic, independent nation, little is understood or appreciated about Patel's enormous contribution to the making of India. Caricatured in political debate, all the nuances of Patel's difficult life and the daring choices he made are often lost, or worse, used as mere polemic. If Mahatma Gandhi was the spiritual core of India's freedom struggle and Jawaharlal Nehru its romantic idealism, it was Sardar Patel who brought in the vital pragmatism which held together the national movement and...



Acc. No : 48116

Call No : Fiction KRI-A

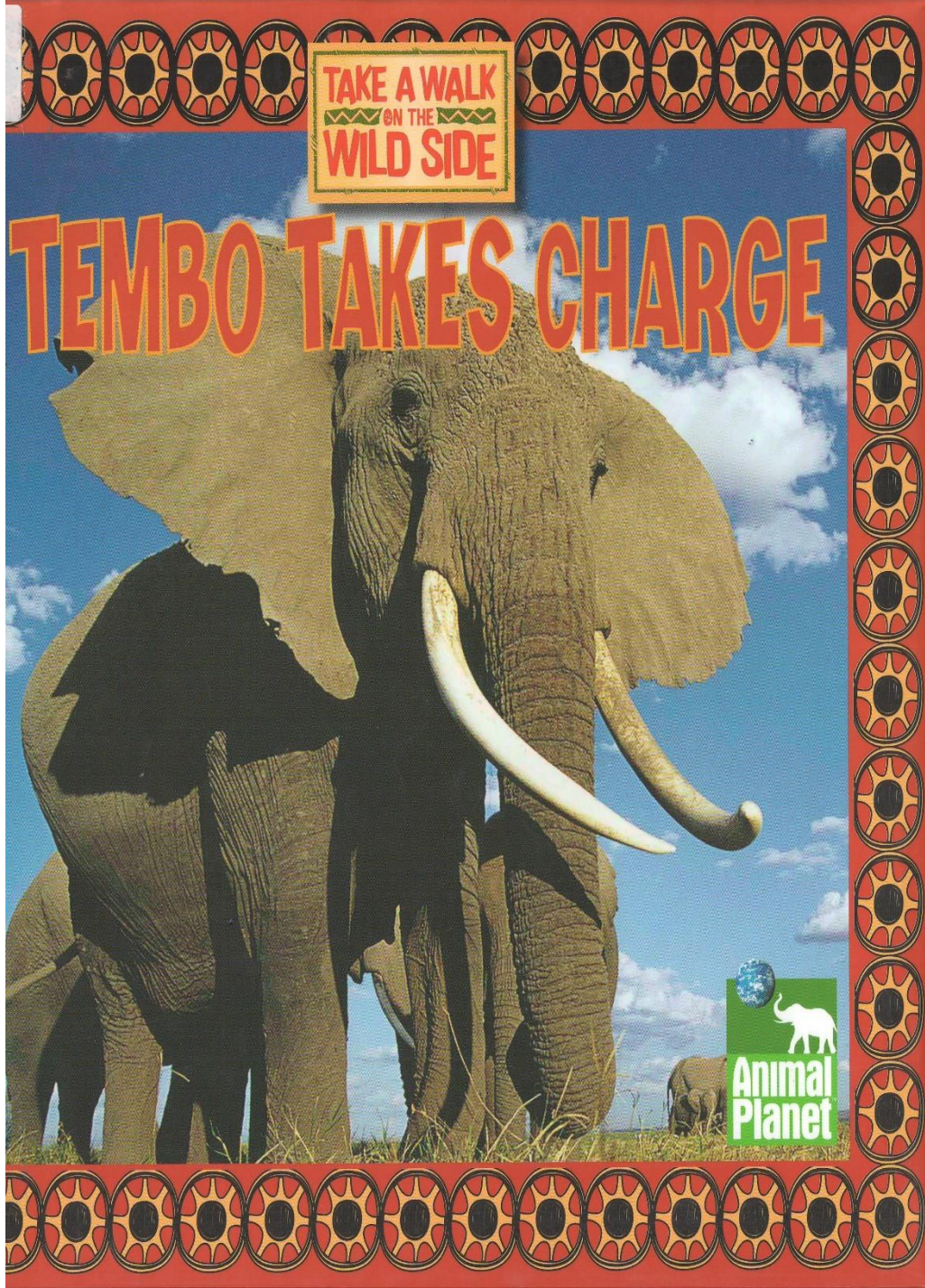
The most favored suitor at Princess Vasundhara's swayamvara has disappeared. A reclusive sorceress has emerged from the Eastern Isles. The Inter-Realm Ambassador is furious. A long-lost stone with dark powers must be found. The Sprites are preparing for rebellion. When dignitaries from all the Mortal Realms and a few from the Inter-Realm-gather in Rajgir for a stressful swayamvara, only mayhem can ensue! Can Meenakshi and Kalban uncover Tara the Starchaser's dark legacy and prevent a war between the Realms? There are many other characters introduced in this book and they all were interesting. What I loved most is the banter between the characters, the legend of Pür, the demography and geography of Pür, knowing a little more about other territories and characters, and the...



Acc. No : 48671

Call No : Fiction MUR-S

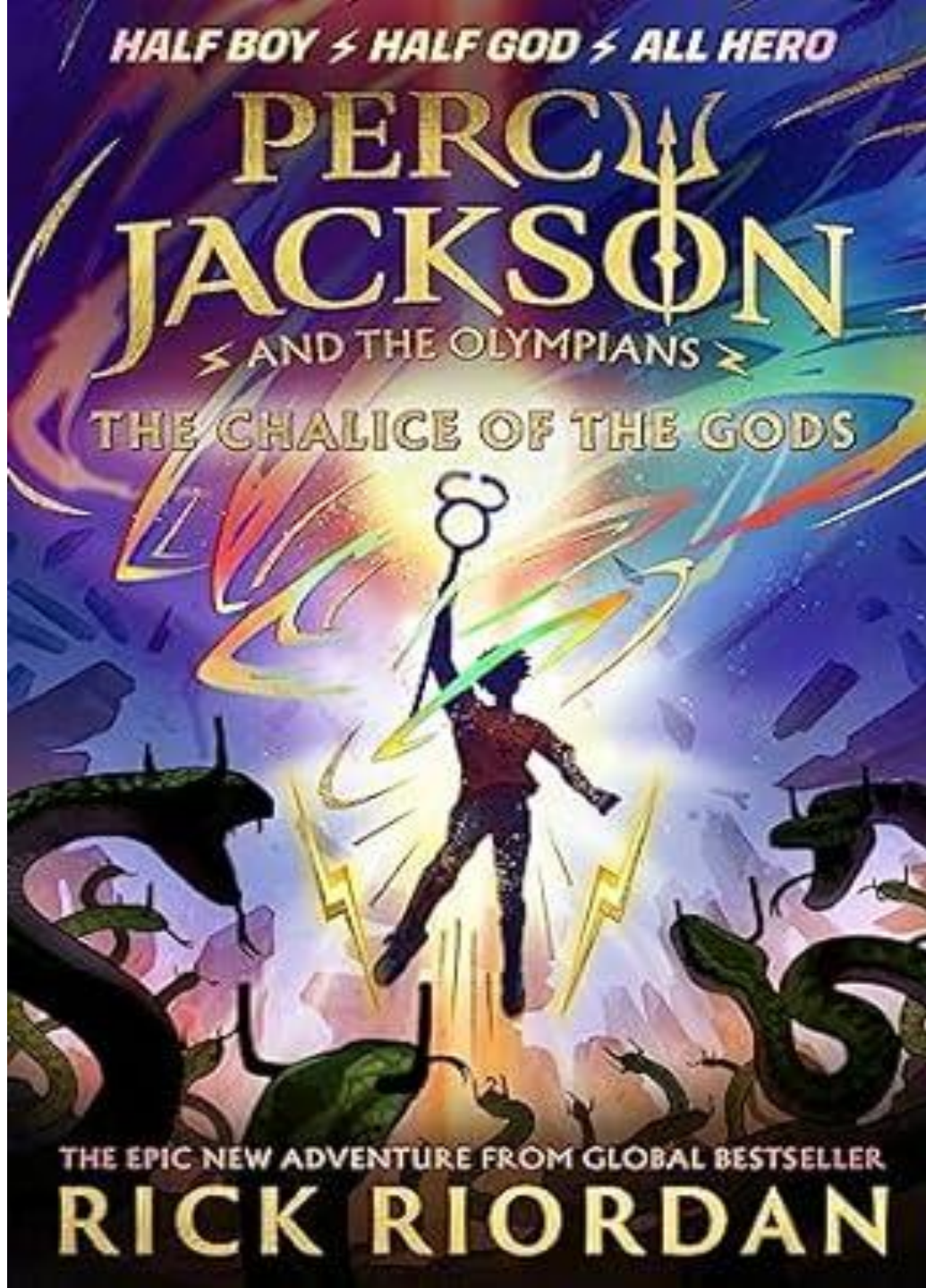
Have you heard of the king who sacrificed his own flesh to keep his word to a pigeon? Or about the throne that gives anyone who sits on it the unique ability to dispense justice! And how about the sculptor who managed to make magnificent statues with no hands at all? There's something for everyone in this collection of tales of wisdom and wit! From quarrels among gods and the follies of great sages to the benevolence of kings and the virtues of ordinary mortals, Sudha Murty spins fresh accounts of lesser-known stories in Indian mythology. Accompanied by fantastical illustrations and narrated in an unassuming fashion, *The Sage with Two Horns* is sure to delight fans of the beloved storyteller. This is the last volume in my collection of five books that encapsulate different areas of mythology. Each book is...



Acc. No : 44374

Call No : 599.674 FEL-T (Young Learners)

For Tembo the elephant and her herd, life on the African savanna is busy. There is the daily search for food and water and some surprising encounters with other animals. Follow Tembo for a day, and you will see why she is large and in charge. Take a peek into the animal kingdom through the Take a Walk on the Wild Side four book series. Experience a day in the life of each species tiger, giraffe, zebra, and elephant as they take you on an adventure. From the Russian Far East to the hot African savanna, each story is filled with fun and fascinating animal facts from the experts at Animal Planet. It's another hot day on the African savanna. Tembo looked around, good she thought. All her aunties, sisters, cousins, daughters, grandchildren, nieces, and nephews were nearby. The herd was ready for a new day. They were Tembo's herd. Because she was one of the...



Acc. No : 48345

Call No : Fiction RIO-R (Young Learners)

Percy Jackson has saved the world multiple times battling monsters, Titans, even giants - but these days the modern-day son of Poseidon is hoping for a regular final year at school. Too bad the Greek gods have other plans, and three new quests for Percy to complete. First up: the cupbearer of the gods, Ganymede, is missing his golden chalice. Not only is this embarrassing why do the gods keep losing their magical items, it's also potentially disastrous. One sip from the cup will turn any mortal into a powerful god. And the old gods do not take kindly to newbies. Can Percy and his friends Annabeth and Grover find the chalice before it falls into the wrong hands? And even if they do, will they be able to resist its awesome power? Readers new to the Percy Jackson universe and long-time fans will love this epic...

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(within the Campus Only)

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7A

7A
Mechanical Engg
Literature
Geography

Thank you