





DAVID S. BROWN

# STATISTICS & DATA VISUALIZATION Using R

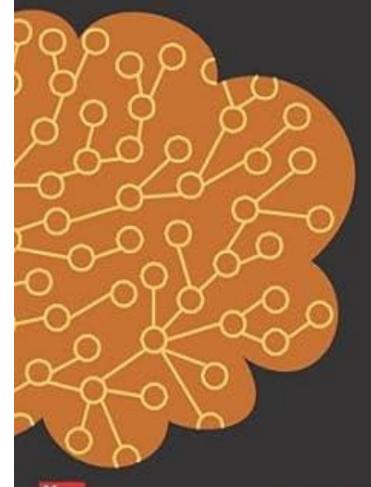
The Art and Practice of Data Analysis



Call No : 005.133 BRO-D

Designed to introduce students to quantitative methods in a way that can be applied to all kinds of data in all types of situations, Statistics and Data Visualization Using R: The Art and Practice of Data Analysis by David S. Brown teaches students statistics through charts, graphs, and displays of data that help students develop intuition around statistics as well as data visualization skills. By focusing on the visual nature of statistics instead of mathematical proofs and derivations, students can see the relationships between variables that are the foundation of quantitative analysis. Using the latest tools in R and R RStudio® for calculations and data visualization, students learn valuable skills they can take with them into a variety of future careers in the public sector, the private sector, or academia, Starting ...

#### A First Course in ARTIFICIAL INTELLIGENCE







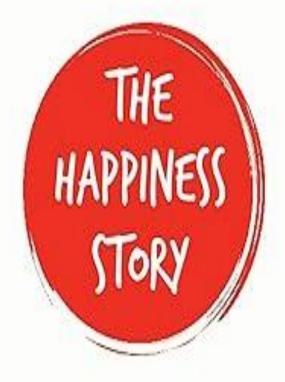
Acc. No : 48730

Call No : 006.3 KHE-D

The book provides a step-by-step approach to the readers and will help them explore the various strategies required for implementing a problem-solving agent. The book offers valuable information on how to start and go about the representation and use of knowledge. The book mainly focuses on the reasoning aspect of an intelligent activity. In addition, the book covers topics like Tabu Search, Ontology for the Semantic Web, and Default Reasoning. The book is an attempt to give the reader a comprehensive account of Artificial Intelligence in one place. I would expect the serious reader to complement this material with other literature, much of which has been indicated in the text. The book has a flow of chapters building up a case for and leading to future chapters. However, an attempt has been made...





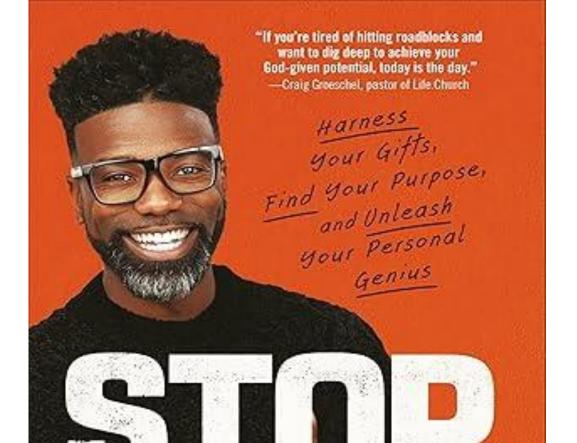






Call No : 150.198 SHA-S

What if happiness isn't a distant dream, but a choice within your reach? Is there an effective way to tackle being demotivated by an intimidating world? Are you ready to abandon the fruitless quest for fleeting joy and discover the pleasure of being always content? Having enthralled millions with her captivating novels, bestselling author Savi Sharma answers the most searched question of our times: How do I achieve lasting happiness? Packed with true stories that are as moving as they are enriching, this uplifting book will inspire you to pursue your passions, fuel your ambitions, and script your destiny. Savi's transformative insights and practical tips will lead you toward experiencing bliss and peace every single day, independent of your circumstances. The Happiness Story is more than just a book-it is an...



WAITING FOR

Stephen Chandler

Foreword by John Maxwell



Acc. No : 47892

Call No : 158.1 CHA-S

We each have a unique purpose in this life, one embedded within us by the Creator of the universe before time began. Yet we rarely experience this greatness because the glory of God within us is still waiting to be uncovered. So, we spend our lives running after the wrong goals. Eventually, we burn out and stop believing that God has any bigger plans for us in light of our past failures and false starts. However, Stephen Chandler believes God created everyone, including you, for greatness and doesn't want anything to get in the way of that destiny. In Stop Waiting for Permission, you'll discover the keys to unlock your unique calling and activate your innate, God-given strengths by identifying what's holding you back discovering your unique genius, maximizing your God-given greatness...



Thich Nhat Hanh shows us the connection between personal inner peace and peace on earth: The Datai Lama

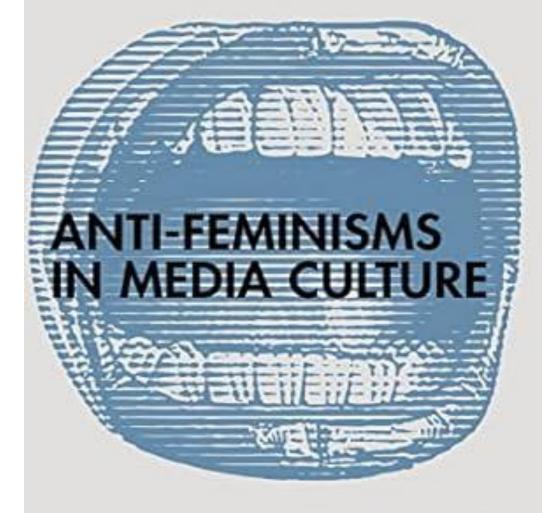
## ART OF COMMUNICATING

THICH NHAT HANH Acc. No : 48348

Call No : 294.3444 HAN-T

Zen master Thich Nhat Hanh, bestselling author of Peace is Every Step and one of the most respected and celebrated religious leaders in the world, delivers a powerful path to happiness through mastering life's most important skill. How do we say what we mean in a way that the other person can really hear? How can we listen with compassion and understanding? Communication fuels the ties that bind, whether in relationships, business, or everyday interactions. Most of us, however, have never been taught the fundamental skills of communication or how to best represent our true selves. Effective communication is as important to our well-being and happiness as the food we put into our bodies. It can be either healthy and nourishing or toxic and destructive. In this precise and...

#### AND DIANE NEGRA







Acc. No : 48442

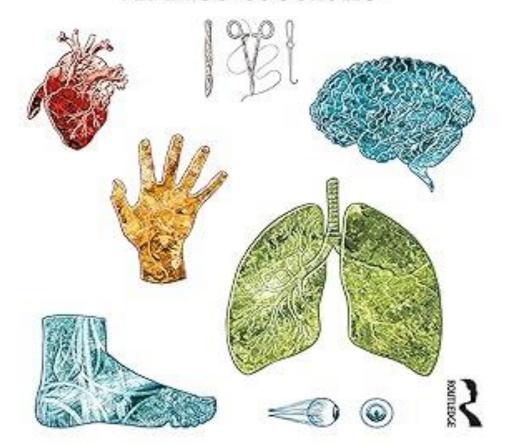
Call No : 305.3 WHI-M

This important and timely collection examines the troubling proliferation of anti-feminist language and concepts in contemporary media culture. Edited by Michele White and Diane Negra, these curated essays offer a critical means of considering how contemporary media, politics, and digital culture function, especially about how they simultaneously construct and displace feminist politics, women's bodies, and the rights of women and other disenfranchised subjects. The collection explores the simplification and disparagement of feminist histories and ongoing feminist engagements, the consolidation of all feminisms into a static and rigid structure, and tactics that are designed to disparage women and feminists as a means of further displacing disenfranchised people's identities and...

#### FRANKENSTEIN URBANISM

Eco, Smart and Autonomous Cities, Artificial Intelligence and the End of the City

FEDERICO CUGURULLO



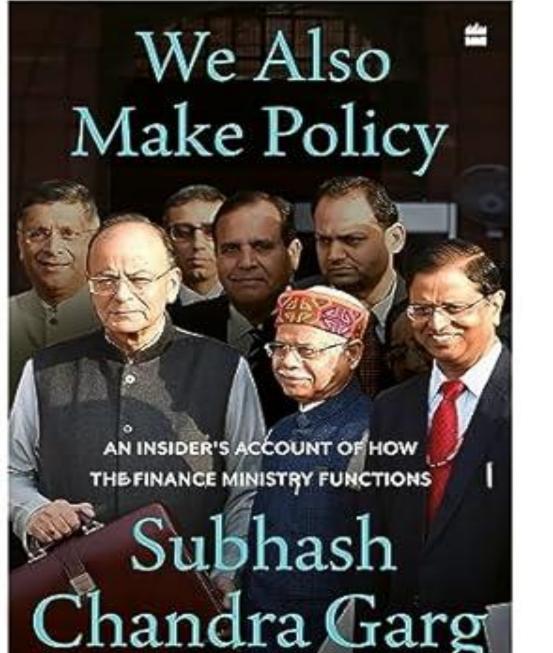


Acc. No : 48423

Call No : 307.7601 CUG-F

This book tells the story of visionary urban experiments, shedding light on the theories that preceded their development and on the monsters that followed and might be the end of our cities. The narrative is threefold and delves first into the eco-city, second the smart city and third the autonomous city intended as a place where existing smart technologies are evolving into artificial intelligences that are taking the management of the city out of the hands of humans. The book empirically explores Masdar City in Abu Dhabi and Hong Kong to provide a critical analysis of eco and smart city experiments and their sustainability, and it draws on numerous real-life examples to illustrate the rise of urban artificial intelligence across different geographical spaces and scales. Theoretically, the book...



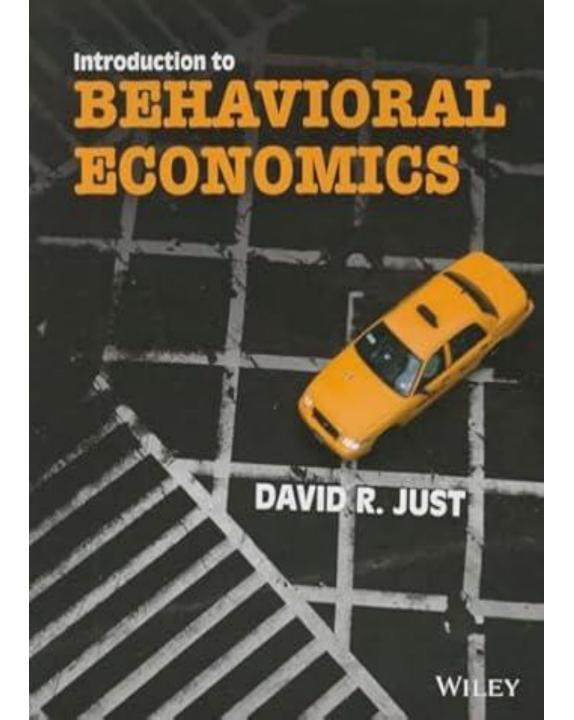


FORMER FINANCE SECRETARY

Acc. No : 48589

Call No: 320 GAR-S

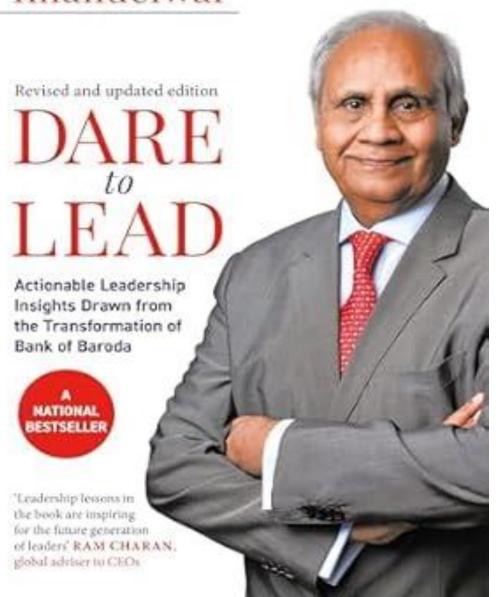
Economic policy has a direct impact on how people live, eat, work, and spend. It governs every aspect of life, and finance secretaries are central to how economic policy is made and implemented. In this book, Subhash Chandra Garg, former economic affairs secretary and finance secretary, tells the inside story of how economic policy is made, and unmade, at the highest levels in the Government of India. We Also Make Policy is a fly-onthe-wall account of proceedings within the finance ministry. The book talks candidly about controversial decisions from the first tenure of the NDA government, such as the politics of minimum support price to farmers, electoral bonds, recapitalizing of banks, monetizing national assets, and the controversial resignation of RBI Governor Urjit Patel, among...





Call No : 330.019 JUS-D

With the rise of behavioral economics courses undergraduates are seeking more formal training and instruction in behavioral economics topics. Introduction to Behavioral Economics covers all the ways consumers and other economic agents behave irrationally and prepares readers to make rational economic choices. This book is focused on the broad principles of behavior, which are illustrated using real-world examples, examples from experimental literature, as well as experiential examples. All examples are drawn from news items, historical accounts, and the economics literature. Experimental examples are drawn from the economics literature and are in the form of classroom experiments that complement the principles of the book. Covers all the ways consumers and other...



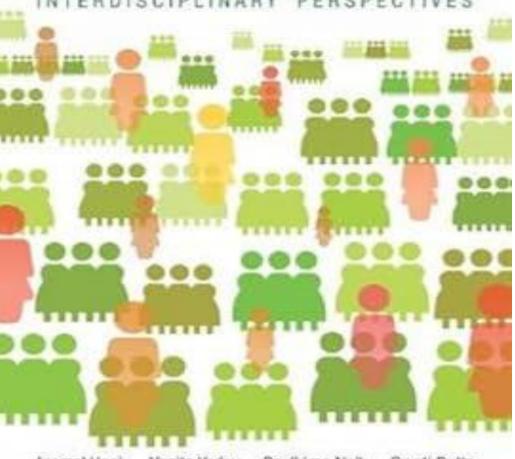
Call No : 332.10954 KHA-A

Dare to Lead is the fascinating story of how Anil K. Khandelwal transformed the Bank of Baroda from being just another public sector bank into one of the most valuable brands in Indian banking. This is the story of the leadership challenges, management solutions, and personal and professional excitement the author experienced in transforming the 97-year-old bank into a modern, tech-savvy, customer-centric bank. This book is an excellent blueprint for undertaking transformation in large, geographically dispersed public sector enterprises. It describes how a large bank was transformed on all parameters with a clear vision, execution discipline, customer centricity, and people engagement. The author emphasizes that large-scale transformation can be undertaken successfully only if the CEO shows...



### Women Entrepreneurship in the Indian Middle Class

INTERDISCIPLINARY PERSPECTIVE

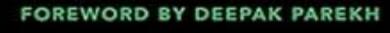




Acc. No : 48055

Call No : 338.0408 UNN-J

Entrepreneurship can result from necessity as well as opportunity, and women entrepreneurs pursue goals beyond economic gains. There is no gender differential in drivers of business expansion. The small scale of business does not inhibit women-owned enterprises from expanding. Women In Entrepreneurship in the Indian Middle Class, Unni, Yadav, Naik, and Dutta explore entrepreneurship using gender and class lens from multidisciplinary perspectives. They examine the evolution of the field and uncover factors impacting women's participation entrepreneurship. **Defining** entrepreneurship broadly to include not just new economic activity but operations of all economic enterprises, the authors attempt to understand, What motivates women in...





KUSHAL LODHA



Acc. No : 48375

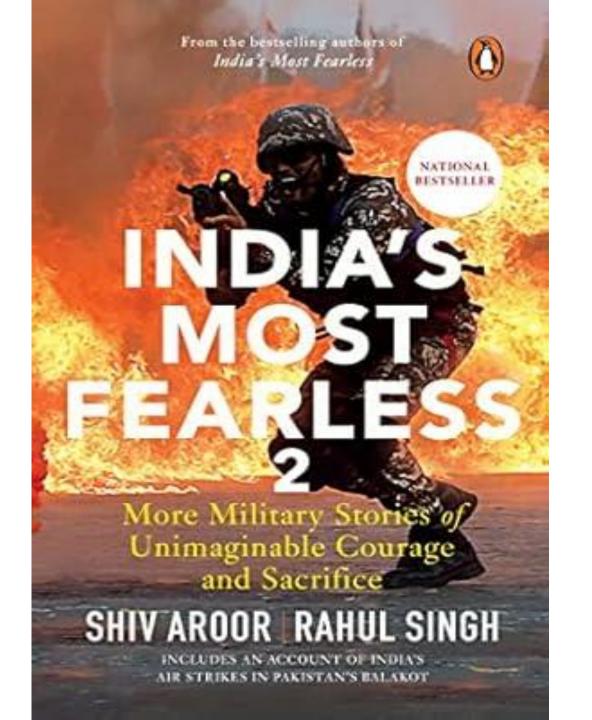
Call No : 354.410954 LOD-K

The Chartered Accountancy curriculum is known to be tough. Only a fraction of those who begin to end up qualifying. But with the right strategies and systems, it can be conquered. Acing CA is an essential guide that will help any aspiring CA get their methods right, and keep the morale up through testing times. It's a musthave companion for your journey. In this book, you'll learn, what is CA really for. Routines and strategies for effective preparation for all 3 levels, How to keep yourself motivated throughout the CA journey, How to make the most of your articles, How to manage studies with articles, Courses to pursue with CA, About possible career paths, and how to pick the right one after CA, The right way to prepare for placements, Myths surrounding CAs and CA careers, Invaluable insights from...



Call No : 355.3470954 ARO-S

Untold accounts of the biggest recent anti-terror operations. First-hand reports of the most riveting antiterror encounters in the wake of the 2016 surgical strikes, the men who hunted terrorists in a magical Kashmir forest where day turns to night, a pair of young Navy men who gave their all to save their entire submarine crew, the Air Force commando who wouldn't sleep until he had avenged his buddies, the tax babu who found his soul in a terrifying Special Forces assault on Pakistani terrorists, and many more. Their own stories, in their own words. Or of those who were with them in their final moments. The highly anticipated sequel to India's Most Fearless brings you fourteen more stories of astonishing fearlessness and gets you closer than ever before to the personal bravery that Indian...







## First Steps Towards Sanskrit

Language, Linguistics and Culture Acc. No : 48428

Call No : 491.282421 BIL-A

First Steps Towards Sanskrit: Language, Linguistics, and Culture is an accessible first introduction to this ancient Indian language. Complete beginners are introduced to the language from scratch. Key terms are explained clearly and there is an extensive glossary to assist the reader who is unfamiliar with the terminology of language learning. By the end of the book, learners will have grasped the basics of the language and be prepared to engage readily in an introductory college or university course or through private study. The addition of cultural, linguistic, and historical notes will appeal to learners with diverse interests, ranging from religious studies and philosophy to yoga and comparative or historical linguistics. The book includes references to classical and modern European languages. Parallels are...



#### Mathematics for Physics Students

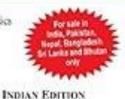
More than 1,500 fully solved problems

- Concise explanations of all course concepts
- Information on algebra, precalculus, calculus of a single variable, multivariate calculus, advanced topics in calculus, ordinary and partial differential equations, abstract algebra, and probability/statistics

#### **USE WITH THESE COURSES**

Mathematical Physics \* Applied Physics \* Introduction to Physics

\* College Physics \* Modern Physics





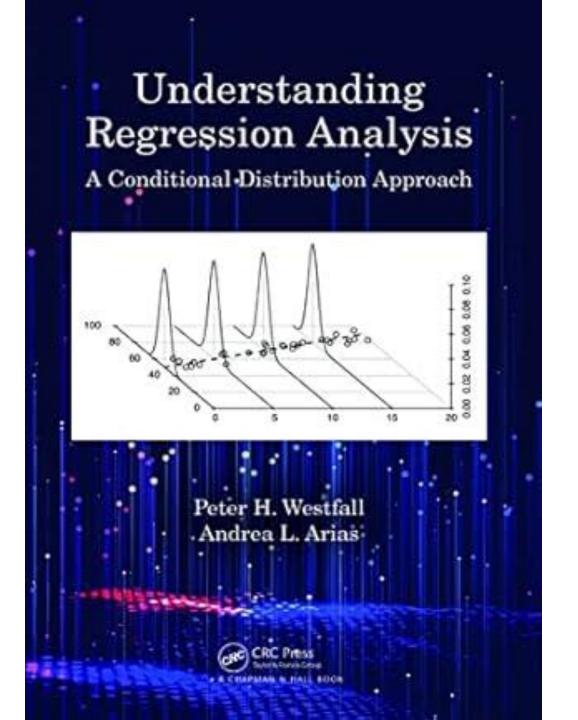
Robert Steiner, Ph.D. Philip Schmidt, Ph.D.



Acc. No : 47636

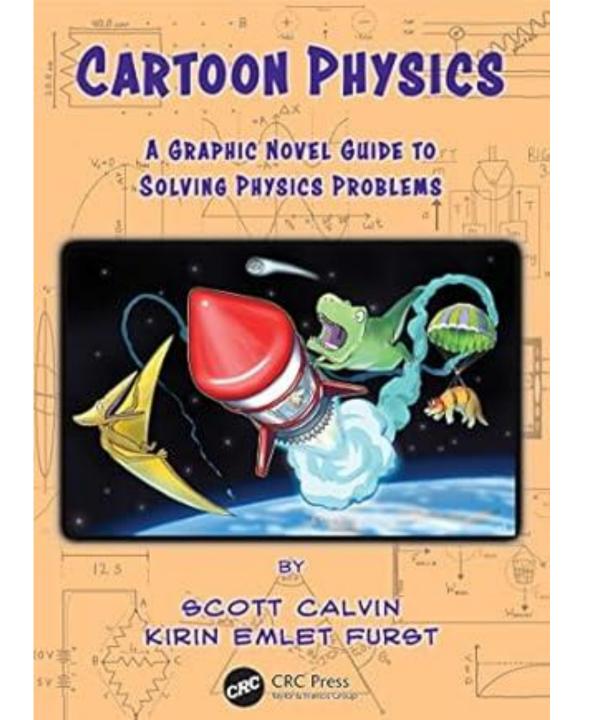
Call No : 512.15 STE-R

The ideal review for your Physics course more than 40 million students have trusted Schaum's outlines for their expert knowledge and helpful solved problems. Written by renowned experts in their respective fields, Schaum's outlines cover everything from math to science, nursing to language. The main feature of all these books is the solved problems. Step-by-step, authors walk readers through coming up with solutions to exercises in their topic of choice. Highlights of the book, A quick, easy-tofollow guide to mathematical topics required for important concept development in Physics, More than thousand five hundred fully-solved problems presented from both the Physics and Mathematics point-of-view, and Hundreds more practice problems. Support for all major textbooks for physics. This book is intended for...



Call No : 519.536 WES-P

**Understanding Regression Analysis unifies diverse** regression applications including the classical model, ANOVA models, generalized models including Poisson, Negative binomial, logistic, and survival, neural networks, and decision trees under a common umbrella namely, the conditional distribution model. It explains why the conditional distribution model is the correct model, and it also explains why the assumptions of the classical regression model are wrong. Unlike other regression books, this one from the outset takes a approach that all models realistic approximations. Hence, the emphasis is to model Nature's processes realistically, rather than to assume incorrectly that Nature works in particular, constrained ways. Key features of the book include, Numerous...





Call No: 530 CAL-S

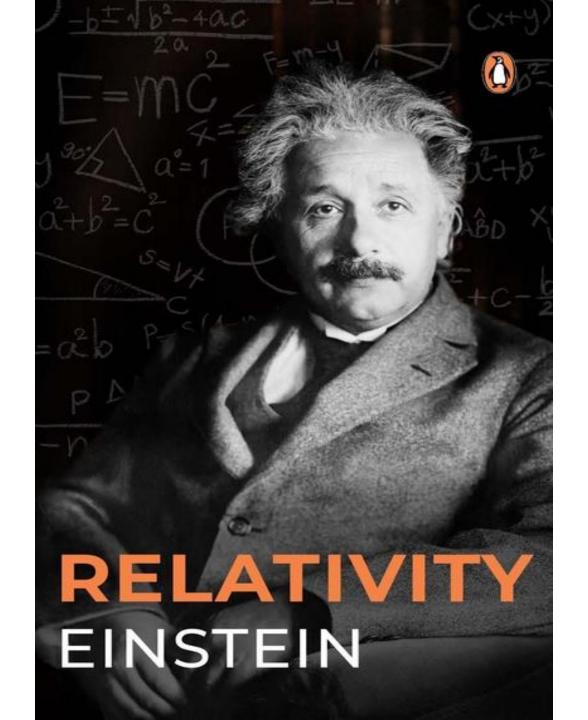
How can a graphic novel teach you to solve physics problems? By making the process more fun and engaging for readers, this practical guide works to help students tackle real problems in algebra-based college physics. Readers will be equipped with useful problemsolving techniques and physical concepts along the way. This problem-solving guide, developed by physicist author Dr. Scott Calvin and engineer artist Dr. Kirin Furst, is aimed at students in college-level general physics courses. Instead of just providing brief answers to sample questions or discussions of physics concepts without showing how to apply them to difficult problems, Cartoon Physics stresses how to approach problems, what to do if you get stuck, and techniques that can be applied broadly. Detailed, step-by-step...





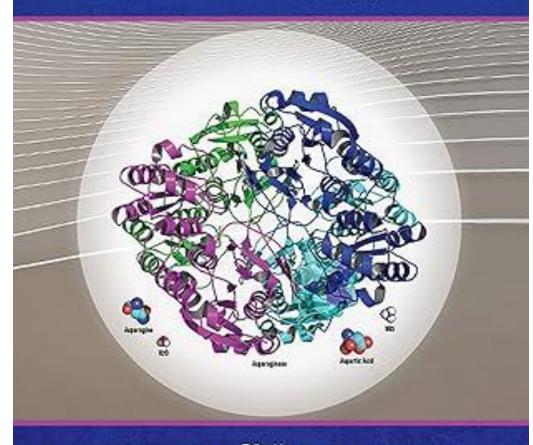
Call No : 530.1 EIN-S

Nobel Laureate Albert Einstein was one of the world's most brilliant minds. Arguably the founder of modern physics, his scientific ideas and research changed the world. His book Relativity: The Special and the General Theory is regarded as a seminal work of the most important and influential scientific ideas to have emerged out of the 20th century. First published in 1916, the book explores the relationship between space, time, and the theory of gravitation, offering a new perspective on the universe. Einstein, using minimum mathematical terms and equations, explains some of the basic ideas and principles behind our world and the forces that have shaped it. The General Theory speaks of black holes, the evolution of the Universe, the behavior of orbiting neutron stars, why clocks run slower on...



## Pharmaceutical Biotechnology

A Focus on Industrial Application



Adalberto Pessoa Jr. • Michele Vitolo • Paul Frederick Long





Acc. No : 48520

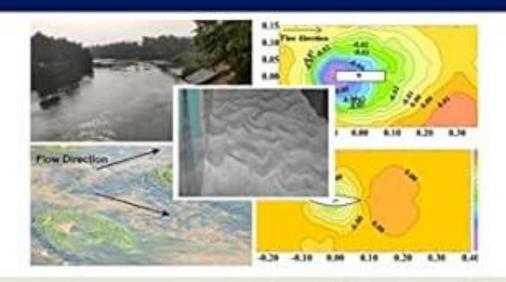
Call No : 615.19 PES-A

Pharmaceutical Biotechnology: A Focus on Industrial covers the development **Application** biopharmaceuticals as well as the improvement of those being produced. The main purpose is to provide background and concepts related to pharmaceutical biotechnology, together with an industrial perspective. This is a comprehensive text for undergraduates, academics in graduates, and biochemistry, pharmacology, and biopharmaceutics, as well as professionals working in the interdisciplinary field of pharmaceutical biotechnology. Written with educators in mind, this book provides teachers with background material to enhance their classes and offers students and other readers an easy-to-read text that examines the step-by-step stages of the development of new...





#### An Introduction to Advanced Fluid Dynamics and Fluvial Processes



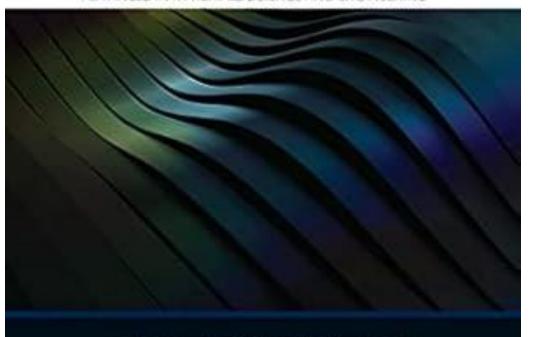
B. S. Mazumder and T. I. Eldho

Acc. No : 48902

Call No : 620.1064 MAZ-B

This book covers fluid dynamics and fluvial processes, including basics applicable to open channel flow followed by turbulence characteristics related to sediment-laden flows. It presents well-balanced physical concepts, mathematical exposure treatments, validation of the models' theories, and experimentations using modern electronic gadgets within the scope. In addition, it explores fluid motions, sediment-fluid interactions, erosion and scouring, sediment suspension and bed load transportation, image processing for particle dynamics, and various problems of applied fluid mechanics in natural sciences. Gives comprehensive treatment on fluid dynamics and fluvial processes from fundamentals to advanced-level applications in one volume. Presents knowledge of...





## PROTECTIVE THIN COATINGS TECHNOLOGY

Edited by Sam Zhang Jyh-Ming Ting Wan-Yu Wu



Acc. No : 48526

Call No : 621.38152 ZHA-S

Hard or protective coatings are widely used in conventional and modern industries and will continue to play a key role in future manufacturing, especially in the micro and nano areas. Protective Thin Coatings Technology highlights the developments and advances in the preparation, characterization, and applications of protective micro nanoscale films and coatings. Covers technologies for sputtering of flexible hard nanocoating, deposition of solid lubricating films, and multilayer transition metal nitrides. Describes integrated nanomechanical characterization of hard coatings, corrosion and tribo-corrosion of hard coatings, and high entropy alloy films and coatings. Investigates thin films coatings for high-temperature applications, nanocomposite coatings on magnesium alloys, and...



Models, Protocols, and Systems

Fei Hu Xin-lin Huang DongXiu Ou







Acc. No : 48467

Call No : 629.1326 HU-F

UAV swarm networks have been used in many critical applications, such as disaster recovery, surveillance, weather monitoring, and military communications. There are many challenging R&D issues in UAV network designs, such as the hardware or software integration for large-scale UAV network management, long-distance data transmissions among UAVs, swarm shape or formation control, and intelligent UAV mobility or position prediction. This book will be the first one to cover engineering designs, especially network protocol designs for dynamic, largescale UAV networks. It has the technical models or algorithms and protocol specifications for practical UAV swarm network deployment. Includes chapters written by professors, researchers, engineers...

#### Ben Renshaw

Author of LOVEWORK

# HOW TO BE A CELO

PURPOSE - PEOPLE - PERFORMANCE

'A proven approach for CEOs to help organizations thrive'

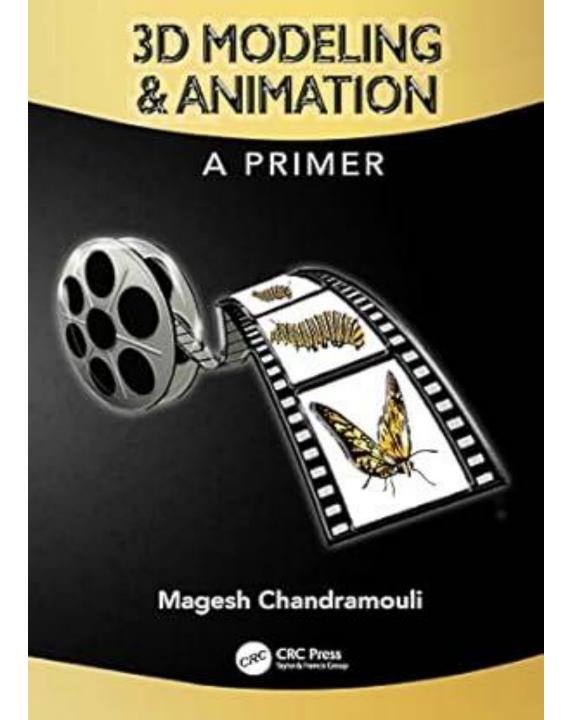
Novertis Professor of Leadership and Management, Harvard Business School



Acc. No : 48301

Call No : 658.42 REN-B

The haloed CEO role is a rarefied position that takes a special combination of the right mindset, skillset, and tools to succeed. Many people aspire to the elevated heights of a CEO and crave the experience and versatility of the best in business - yet few have a clear pathway to develop their skills and put themselves in the picture for a big leadership role. Now, in How to be a CEO, the experienced executive coach Ben Renshaw has conducted extensive research with CEOs from small, mid-size, and large companies, Executive Committee members who work for CEOs, and renowned Professors of Leadership, to distill the vital essence of what it takes to become a great CEO. In recent years the world of work has experienced unprecedented change causing organizations, leaders, teams, and individuals to...





Call No : 777.7 CHA-M

Graphics, 3D modeling, and animation are the cornerstones of not only the video game industry, but also the motion picture industry, digital lighting, and many other professions. Each of these subjects Graphics, 3D modeling, and animation intertwine with each other and even require a sufficient understanding of mathematics and physics. While other books assume readers know these basics, '3D Modeling & Animation: A Primer' provides the fundamental building blocks for constructing new worlds of art and 3D design. With over two hundred images, valuable review questions, and coherent instructions, Magesh Chandramouli provides the reader with an essential text in the journey to mastering Graphics and 3D modeling or animation. Animation and modeling are highly stimulating subject...







## MODERNISM A GUIDE TO EUROPEAN LITERATURE 1890-1930

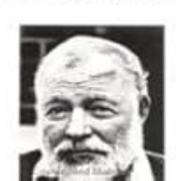


EDITED BY
MALCOLM BRADBURY
AND
JAMES MCFARLANE



WITH A NEW PREFACE





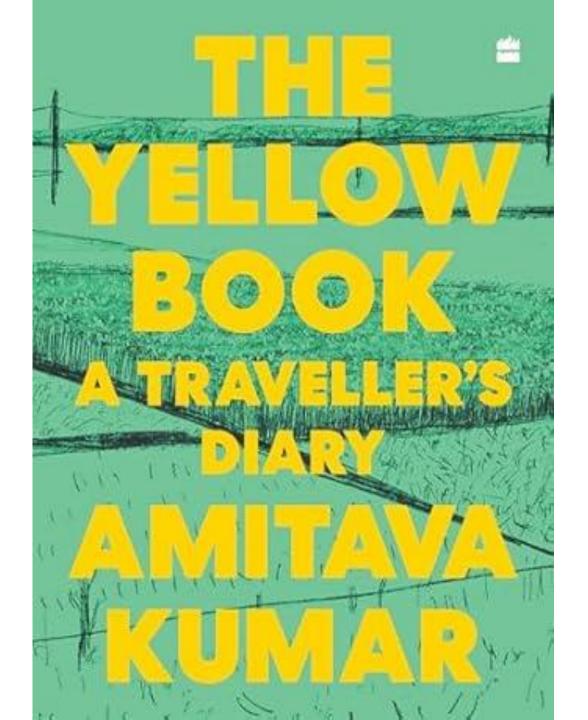




Acc. No : 48723

Call No : 809.9 BRA-M

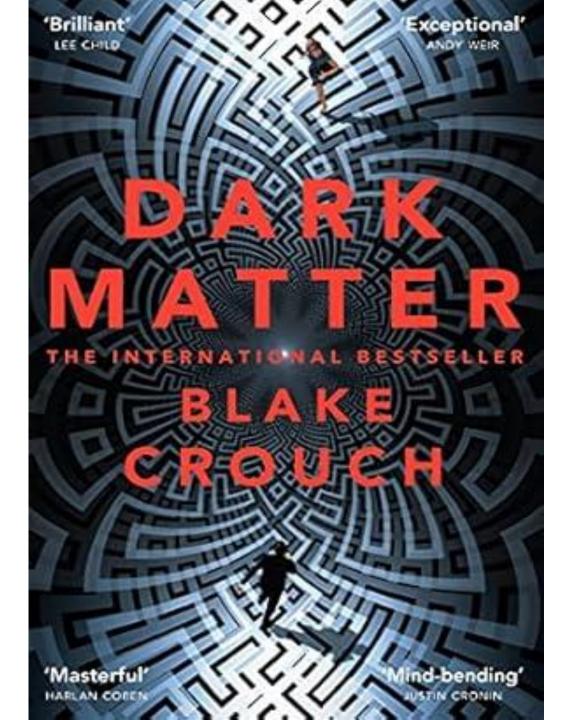
An exploration of the ideas, groupings, and social tensions that shaped the transformation of life caused by the changes of modernity in art, science, politics, and philosophy. The Modern movement in the arts transformed consciousness and artistic form just as the energies of modernity scientific, technological, philosophical, political transformed forever the nature, the speed, the sensation of human life, write the editors in their new preface. This now classic survey explores the ideas, the groupings, and the social tensions that shaped this transformation, as well as the literature itself, and identifies the elements of shock and crisis central to Modernist style. Appropriately, the contributors display a stimulating variety of critical approaches and methods resulting in some of the most...





**Call No** : 910 KUM-A

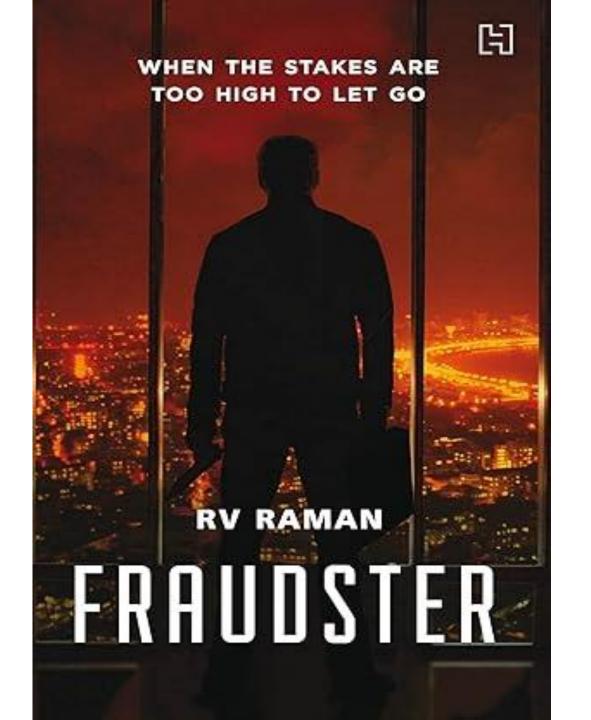
One day passes. Then another. A whole succession of days turns into months and years. How to mark our separate days? The places we have been. Our passions, our pain. Against the blurring of years, the clarity of a record. And even amidst crises, how to keep creativity alive? Also, how to stop time? After the first wave of Covid had passed, the lockdown was lifted and travel resumed in earnest. Amitava Kumar found himself in London with a group of American students on a study tour amid the Omicron wave. A year later, he was in India, in his native Motihari among other places. Meanwhile, Russia attacked Ukraine, and Rushdie was assaulted with a knife in upstate New York. Amitava kept a journal to record the times he was living through and how he would like to remember them. In these...





Call No : Fiction CRO-B

A mind bending, relentlessly surprising thriller from the author of the bestselling Wayward Pines trilogy. Are you happy with your life? Those are the last words Jason Dessen hears before the masked abductor knocks him unconscious. Before he awakens to find himself strapped to a gurney, surrounded by strangers in hazmat suits. Before a man Jason's never met smiles down at him and says, Welcome back, my friend. In this world he's woken up to, Jason's life is not the one he knows. His wife is not his wife. His son was never born. And Jason is not an ordinary college physics professor, but a celebrated genius who has achieved something remarkable. Something impossible. Is it this world or the other that's the dream? And even if the home he remembers is real, how can Jason possibly make it...

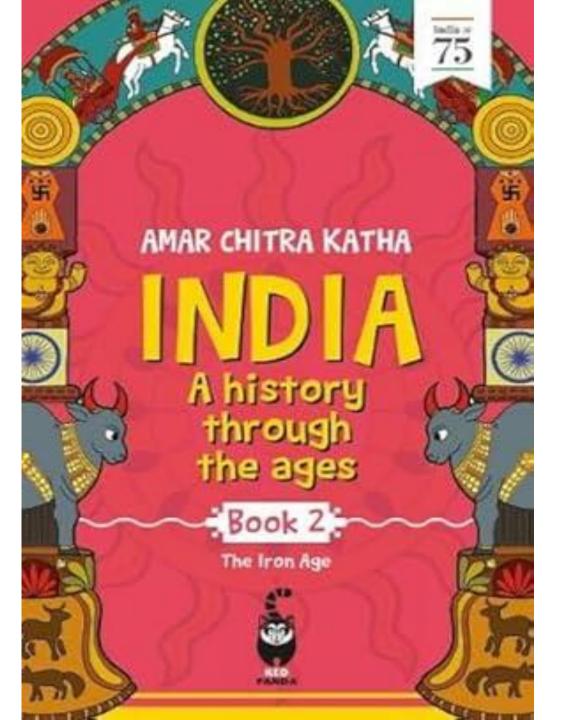




**Call No**: Fiction RAM-R

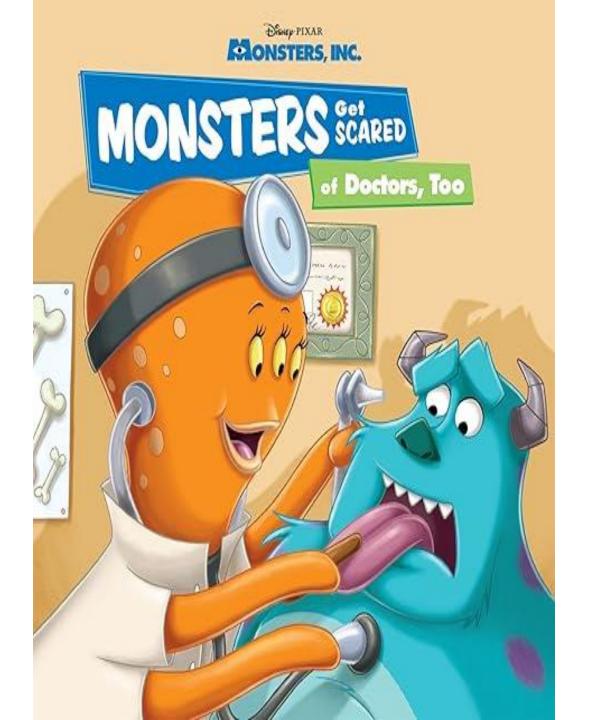
the story of corporate India's black sheep is a story that tells you about the dark and shady aspects behind the glamorous and shining corporate world with its golden offers and fake smiling faces. This book written by R V Raman deals with the life of those involved in the corporate world, either directly or indirectly. Be it a chairman or a manager, it talks about how the world affects them and those around them. Scams and frauds may be interesting to read but being involved in them, voluntarily or involuntarily, may cost you everything, even your life. A never-ending web of conspiracy, deceit, and lies that threaten the very basis of the corporate world is the story of this book. Fraudster: the story of corporate India's black sheep starts with the story of shruti Mathur, a bank employee who has her feelings...





Call No: 954 KAT-A (Young Learners)

History is so much more than what you learn in class! **Everything around us is connected to our past. Even the** lives we live are built on those of our ancestors. It is with a view to demystifying history that Amar Chitra Katha, a pioneer of storytelling through illustrations, presents India: A History Through the Ages. This series brings together some of Amar Chitra Katha's greatest stories and art to reconstruct Indian history from the Harappan Civilisation and the Vedic Age to the rise of Buddhism and Jainism, and from the greatest dynasties to rule India including the Mauryas, Guptas, sultanates and Mughals to the British rule in India. Meet Varun, Ritu, and their grandmother, a powerhouse of information, as they embark on their second adventure. Dadi's storytelling transports the children to the Iron Age in India. From agriculture, economics, politics...





**Call No**: Fiction GRO-D (Young Learners)

Want to hear a secret? Monsters get scared sometimes, too! Sulley has a bad cold and needs to get better quickly so he can go back to work. But the big furry monster is afraid to go to the doctor! Will Sulley muster up the courage to get the help he needs? Late one night, a little boy awoke to see, a monster in his room. He screamed. Then the monster streamed. With a sigh, the teacher turned off the mechanical boy. Then she repeated the rules never scream. And never leave a child's door open. It could let the child into Metropolis. On the other side of the Monsters, Inc. building, James P. Sullivan was arriving for work. Sulley was a scarer. It was his job to collect screams from human children. Sreams were very important. Their energy powered all of Monstropolis. Sulley was very good at his...

#### Links to Access Library Resources / Services

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

E-Resources Link: <a href="https://www.bits-pilani.ac.in/hyderabad/library/">https://www.bits-pilani.ac.in/hyderabad/library/</a>

Digital Library: <a href="http://125.22.54.221:8080/jspui/">http://125.22.54.221:8080/jspui/</a> (within the Campus)

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

Online News Papers: <a href="https://onlinenewspapers.com/india.shtml">https://onlinenewspapers.com/india.shtml</a>

