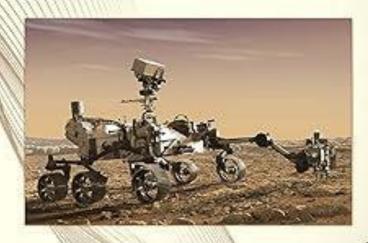


### MACHINE LEARNING FOR KNOWLEDGE DISCOVERY WITH R

METHODOLOGIES FOR MODELING, INFERENCE AND PREDICTION



KAO-TAI TSAI





Acc. No : 48522

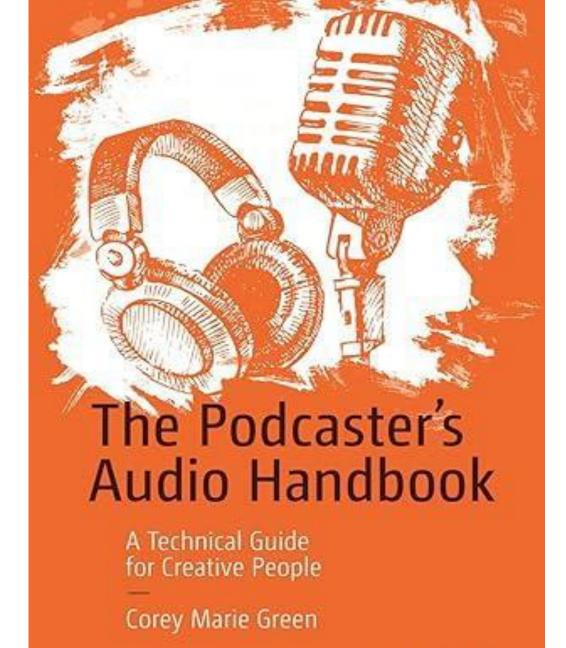
Call No : 006.312 TSA-K

Machine Learning for Knowledge Discovery with R contains methodologies and examples for statistical modeling, inference, and prediction of data analysis. It includes recent supervised and unsupervised machine learning methodologies such as recursive partitioning modeling, regularized regression, support vector machine, neural network, clustering, and causal-effect inference. Additionally, it emphasizes statistical thinking of data analysis, the use of statistical graphs for data structure exploration, and result presentations. The book includes many real-world data examples from life science, finance, etc. to illustrate the methods' applications. Contains statistical theory for the most recent supervised and unsupervised machine learning methodologies. Emphasizes broad statistical thinking...



innovate



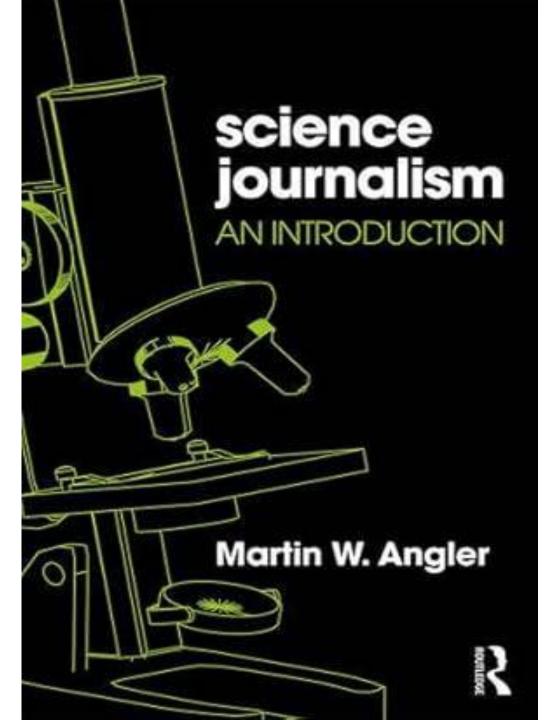


Acc. No : 47900

Call No : 006.7876 GRE-C

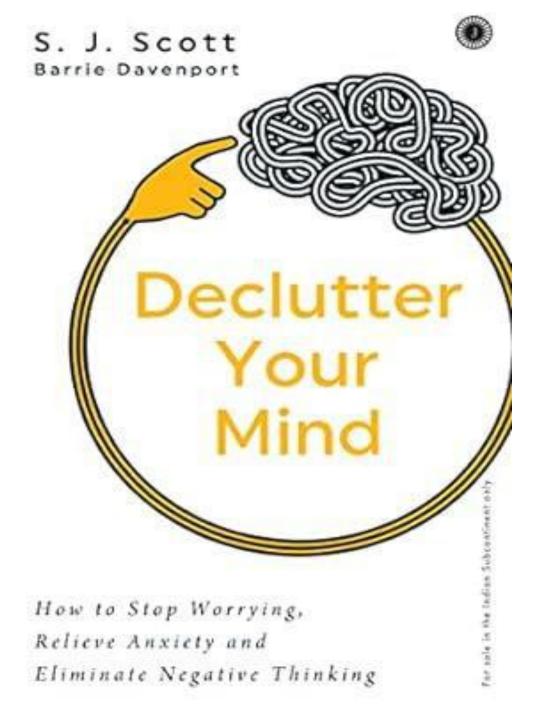
Podcasting is a powerful tool of communication and creative expression that doesn't need to be intimidating. This book brings together the creative and technical aspects of audio engineering to help podcasters communicate their ideas effectively and creatively. The Podcaster's Audio Handbook focuses on simple techniques that immediately elevate the audio quality of your podcast. The book provides an overview of podcast recording and editing techniques so that podcasters can avoid common pitfalls. Readers will also gain access to audio downloads to enhance the learning process. With this book, you can improve the technical aspects of recording and editing your podcasts. Anyone can learn audio techniques and I encourage anyone to share their stories through podcasting. Unleash your creativity...





Call No : 070.4495 ANG-M

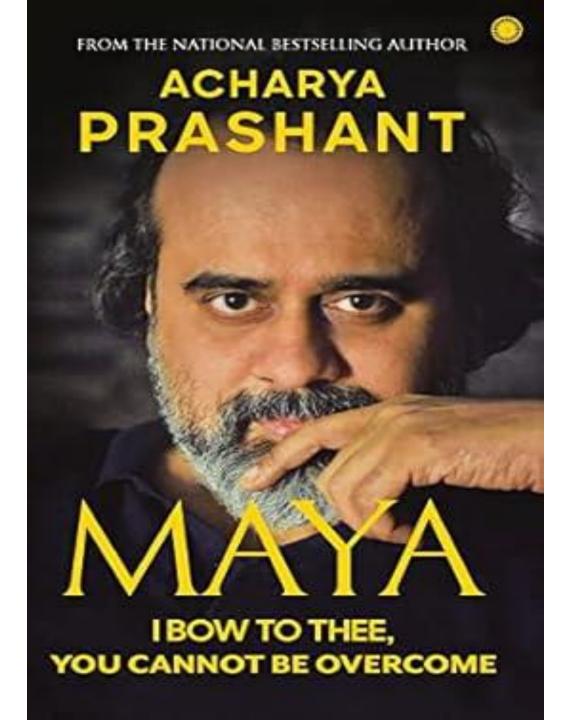
Science Journalism An Introduction gives wide-ranging guidance on producing journalistic content about different areas of scientific research. It provides a stepby-step guide to mastering the practical skills necessary for covering scientific stories and explaining the business behind the industry. Martin W. Angler, an experienced science and technology journalist, covers the main stages involved in getting an article written and published; from choosing an idea, structuring your pitch, researching and interviewing, to writing effectively for magazines, newspapers, and online publications. There are chapters dedicated to investigative reporting, handling scientific data, and explaining scientific practice and research findings to a non-specialist audience. Coverage in the chapters is supported by reading...





Call No : 155.9042 SCO-S

Feel overwhelmed by your thoughts? Struggling with anxiety about your daily tasks? Or do you want to stop worrying about life? The truth is we all experience the occasional negative thought. But if you always feel overwhelmed, then you need to closely examine how these thoughts are negatively impacting your lifestyle. The solution is to practice specific mindfulness techniques that create more space in your mind to enjoy inner peace and happiness. With these habits, you'll have the clarity to prioritize what's most important in your life, what no longer serves your goals, and how you want to live daily. And that's what you'll learn in decluttering your mind. The goal of this book is simple: We will teach you the habits, actions, and mindsets to clean up the mental clutter that's holding you back...



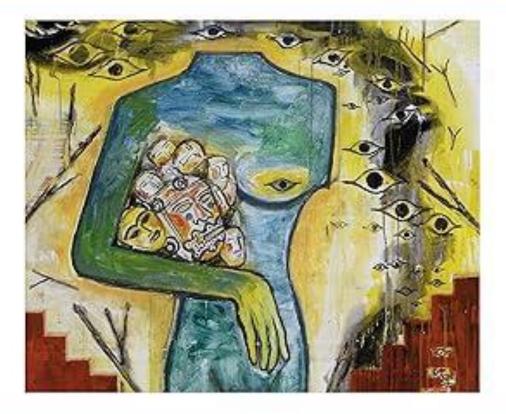


Call No : 294.592 PRA-A

Is Maya a sly antagonist determined to keep us shackled in our inner chains? Or is she another name for the game of life, where we could be a master player or a hapless pawn? Be it the common man who finds Maya synonymous with materialism, or the spiritual man who accords Maya some esoteric imagery, all fail to comprehend her. She is elusive by definition. Spirituality today has largely become another form of entertainment. However, Acharya Prashant takes us towards a genuine understanding of Maya as she plays out in our daily lives. Drawing on Vedantic seers and philosophers from all ages he makes the age-old wisdom accessible in a modern-day context. If you dare to let go of your old beliefs, willingness to pay the price for an authentic life, and love for the naked truth, this...



### The Routledge Companion to Sexuality and Colonialism

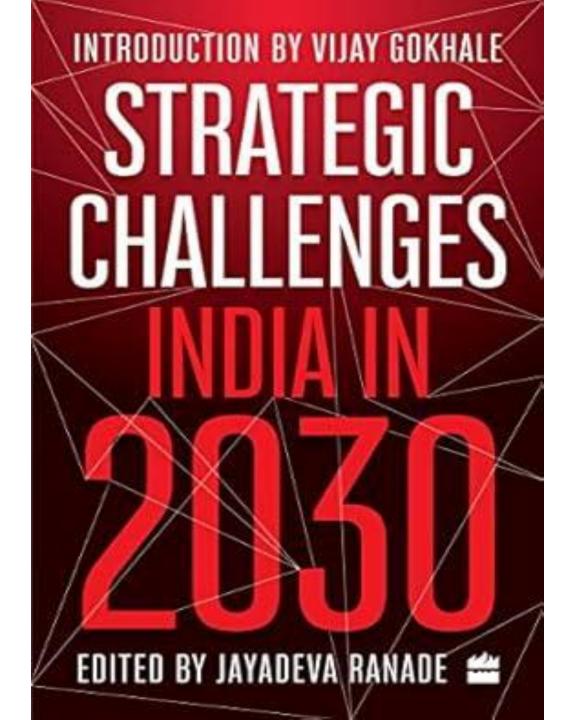




Acc. No : 48465

Call No : 306.7 SCH-C

Unique in its global and interdisciplinary scope, this collection will bring together comparative insights across **European, Ottoman, Japanese, and US imperial contexts** while spanning colonized spaces in Latin America, the Caribbean, Africa, the Indian Ocean, the Middle East, East and Southeast Asia. Drawing and interdisciplinary perspectives from cultural, intellectual, and political history, anthropology, law, gender and sexuality studies, and literary criticism, The Routledge Companion to Sexuality and Colonialism combines regional and historiographic overviews with detailed case studies, making it the key reference for up-to-date scholarship on the intimate dimensions of colonial rule. Comprising more than 30 chapters by a team of international contributors, the Companion is divided...





Call No: 319 RAN-J

In the shifting sands of contemporary geopolitics, this edited volume puts the spotlight firmly on urgent strategic challenges India is likely to face by the year 2030. Already, major powers like China and Russia are adopting muscular policies with the intent of changing the global order. This includes attempts to take territories claimed by them based on, at times, imagined history through the use of military force. The US and the West are struggling to retain their pre-eminence while emerging powers in the Indo-Pacific are demanding representation at the global high table. Each player is seeking to shape events to their advantage. As alliances are altered, India finds itself in a position that calls for dexterous, nimble, and bold policies. India is also presented with an opportunity to wield influence that...









## BACK TO BHARAT







In Search of a Sustainable Future









NAGARAJA PRAKASAM



Acc. No : 48324

Call No : 330.0954 PRA-N

Back to Bharat: In Search of a Sustainable Future is a book that addresses the present economic dilemma for Indian entrepreneurs and consumers, looking at the past and present situation of both India and the developed world to find a way forward. Written in an engaging and anecdotal style, the book is enriched with case studies from Nagaraja's investment career. It consolidates many observations and insights from the experience he has as a professional, investor, and mentor for entrepreneurs across the country. It strongly expresses the belief that India's strengths are its people, problems, and technology. As it draws on real-life examples of struggle and success, the book illuminates many questions that are most relevant to our present dilemma, both in terms of economic development as well as environmental...



#### MONEY, BANKING, AND FINANCIAL MARKETS

A MODERN INTRODUCTION TO MACROECONOMICS

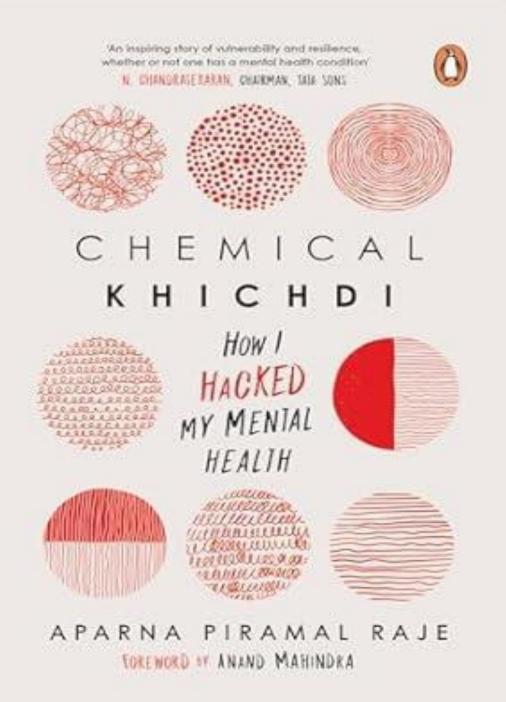
Dale K. Cline and Sandeep Mazumder



Acc. No : 48492

Call No : 339 CLI-D

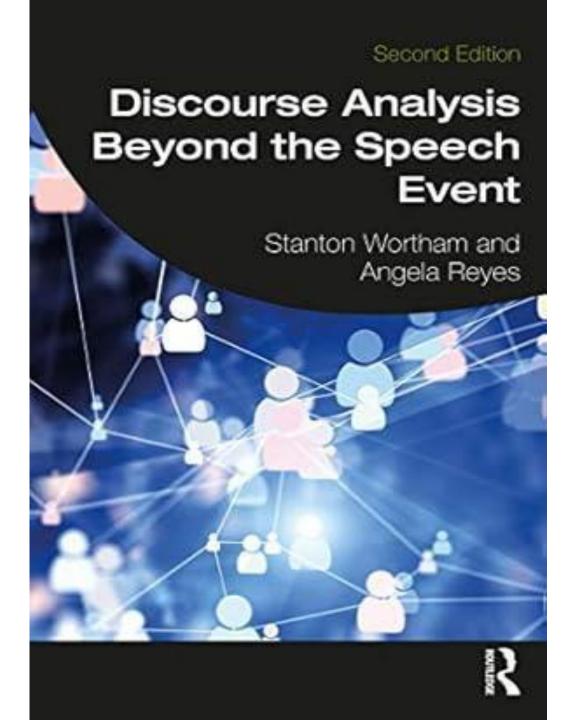
This innovative text offers an introduction to money, banking, and financial markets, with a special emphasis on the importance of confidence and trust in the macroeconomic system. It also presents the theory of endogenous money creation, in contrast to the standard money multiplier and fractional reserve explanation found in other textbooks. The U.S. economy and financial institutions are used to explain the theoretical and practical framework, with international examples weaved in throughout the text. It covers key topics including monetary policy, fiscal policy, accounting principles, credit creation, central banks, and government treasuries. Additionally, the book considers the international economy, including exchange rates, the **Eurozone, Chinese monetary policy, and...** 





Call No : 362.2 RAJ-A

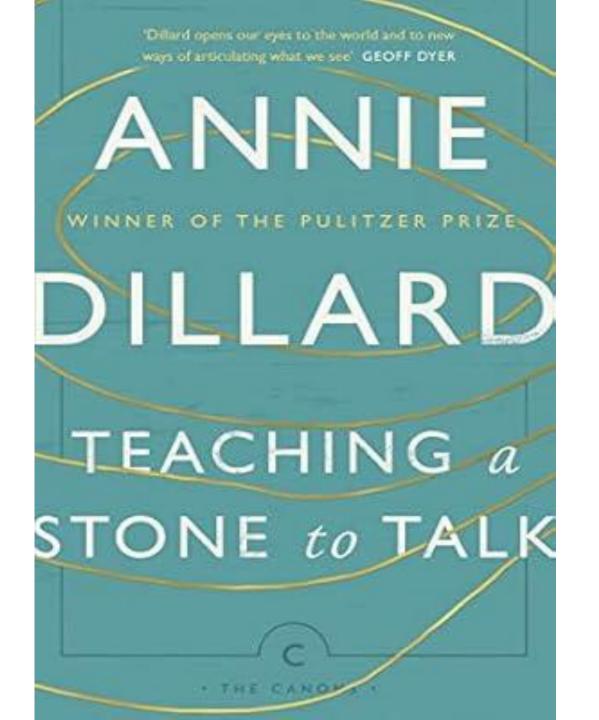
Aparna Piramal Raje's life looks successful. Hailing from a well-known business family, she is married, has two children, is a published author, a popular columnist with a leading daily, and was the CEO of a leading furniture company. However, only a few close friends and family members were aware that she struggled with a serious mental illness bipolar disorder for two decades. Also known as manic depression, bipolar disorder is characterized by extreme shifts in moods and energy levels, leading to euphoric highs and damaging lows. Now, Aparna wants to tell the story of how she learnt to come to terms with her condition. Part memoir, part reportage, and part self-help guide, Chemical Khichdi seeks to remove some of the stigma associated with a serious mental illness in an empathetic, accessible, and...





Call No : 401.41 WOR-S

In its first edition, winner of the 2016 Edward Sapir **Book Prize from the Society for Linguistic Anthropology** of the American Anthropological Association. Discourse Analysis Beyond the Speech Event introduces a new approach to discourse analysis. In this innovative work, Wortham and Reyes argue that discourse analysts should look beyond fixed speech events and consider the development of discourses over time. Drawing on theories and methods from linguistic anthropology and related fields, this book is the first to present a systematic methodological approach to conducting discourse analysis of linked events, allowing researchers to understand not only individual events but also the patterns that emerge across them. This new edition, Draws on theories and methods from...





Call No: 508 DIL-A

In Teaching a Stone to Talk, Annie Dillard fixes her entrancing gaze and powerful sense of wonder on the natural world. Whether watching a sublime lunar eclipse or locking eyes with a wild weasel, Dillard captures the grand and miniature miracles of our universe. Annie Dillard is one of the most respected and influential figures in contemporary non-fiction and winner of the Pulitzer Prize. With Teaching a Stone to Talk, she illuminates the world around us with a new and glowing light. This book truly is a well-crafted and literary set of stories; all or most of them short autobiographical. But the author does something special in this book. Her stories all center around the physical, mixed with the spiritual, mixed with the metaphysical, both alone and in concert, and finally, in the way they...



Chapman & Hall/CRC FINANCIAL MATHEMATICS SERIES



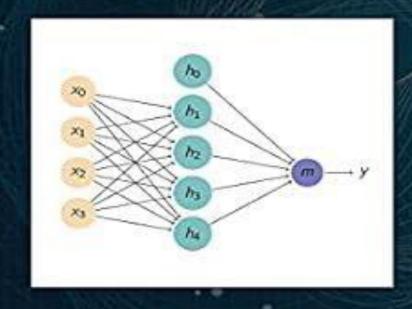
Acc. No : 48533

Call No: 515 RIT-D

Introductory Mathematical Analysis for Quantitative Finance is a textbook designed to enable students with little knowledge of mathematical analysis to fully engage with modern quantitative finance. A basic understanding of dimensional Calculus and Linear Algebra is assumed. The exposition of the topics is as concise as possible since the chapters are intended to represent a preliminary contact with the mathematical concepts used in Quantitative Finance. The aim is that this book can be used as a basis for an intensive onesemester course. Written with applications in mind, and maintaining mathematical rigor. Suitable for undergraduate or master's level students with an **Economics or Management background. Complemented** with various solved examples and exercises, to support...



# STATISTICAL METHODS FOR HANDLING INCOMPLETE DATA SECOND EDITION



JAE KWANG KIM JUN SHAO



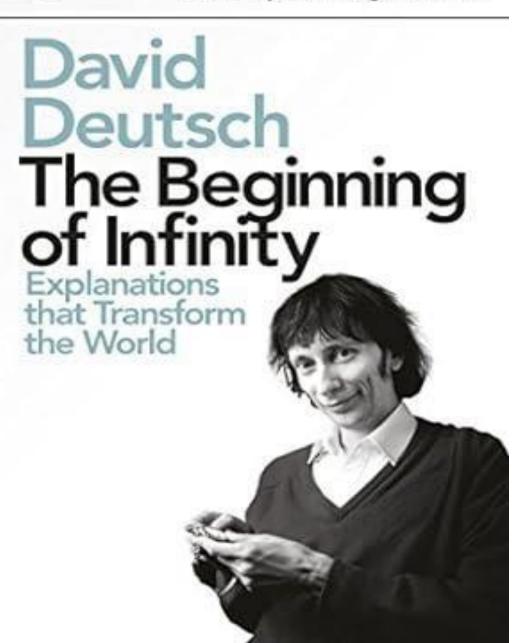
Acc. No : 48517

Call No : 519.54 KIM-J

Due to recent theoretical findings and advances in statistical computing, there has been a rapid development of techniques and applications in the area of missing data analysis. Statistical Methods for Handling Incomplete Data covers the most up-to-date statistical theories and computational methods for analyzing incomplete data. Uses the mean score equation as a building block for developing the theory for missing data analysis. Provides comprehensive coverage of computational techniques for missing data analysis. Presents a rigorous treatment of imputation techniques, including multiple imputation fractional imputation. Explores the most recent advances of the propensity score method and estimation techniques for nonignorable missing data. Describes a survey...

'A dazzling book full of huge ideas, presented with matchless clarity... Cosmically entertaining'

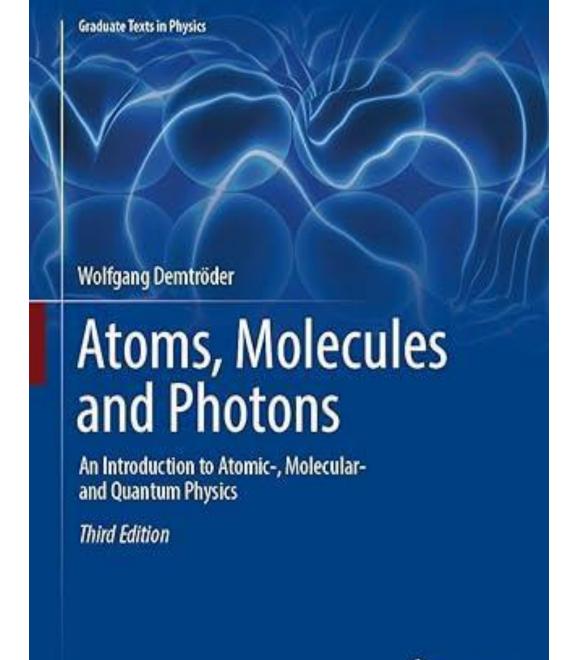




Acc. No : 48638

Call No : 530.01 DEU-D

A bold and all-embracing exploration of the nature and progress of knowledge from one of today's great thinkers. Throughout history, mankind has struggled to understand life's mysteries, from the mundane to the seemingly miraculous. In this important new book, David Deutsch, an award-winning pioneer in the field of quantum computation, argues that explanations have a fundamental place in the universe. They have unlimited scope and power to cause change, and the quest to improve them is the basic regulating principle not only of science but of all successful human endeavors. This stream of ever improving explanations has infinite reach, according to Deutsch: we are subject only to the laws of physics, and they impose no upper boundary to what we can eventually understand, control, and...





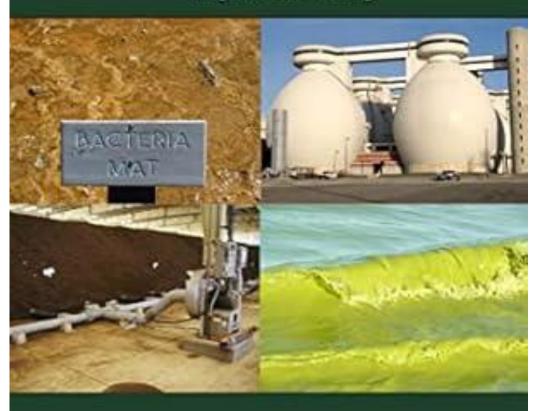
Call No: 539 DEM-W

This introduction to Atomic and Molecular Physics explains how our present model of atoms and molecules has been developed over the last two centuries both by many experimental discoveries and, from the theoretical side, by the introduction of quantum physics to the adequate description of micro-particles. It illustrates the wave model of particles by many examples and shows the limits of classical description. The interaction of electromagnetic radiation with atoms and molecules and its potential for spectroscopy is outlined in more detail and in particular lasers as modern spectroscopic tools are discussed more thoroughly. Many examples and problems with solutions are offered to encourage readers to actively engage in applying and adapting the fundamental physics presented in this textbook to...



### Lessons in Environmental Microbiology

Roger Tim Haug





Acc. No : 44697

Call No : 579.17 HAU-R

Lessons in Environmental Microbiology provides an understanding of the microbial processes used in the environmental engineering and science fields. It examines both basic theory as well as the latest advancements in practical applications, including nutrient removal and recovery, methanogenesis, suspended growth bioreactors, and more. The information is presented in a very user-friendly manner; it is not assumed that readers are already experts in the field. It also offers a brief history of how microbiology relates to sanitary practice and examines the lessons learned from the great epidemics of the past. Numerous worked example problems are presented in every chapter. Microbiology is generally defined as the study of living organisms too small to be seen with the naked...

## CURIOUS POSES

30 yoga postures and the stories they tell



LUCY GREEVES

Illustrated by Amanda León

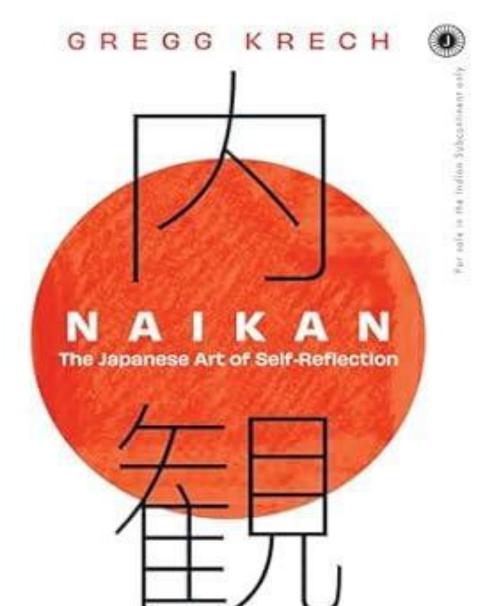
GREEN TREE



Acc. No : 47962

Call No : 613.7046 GRE-L

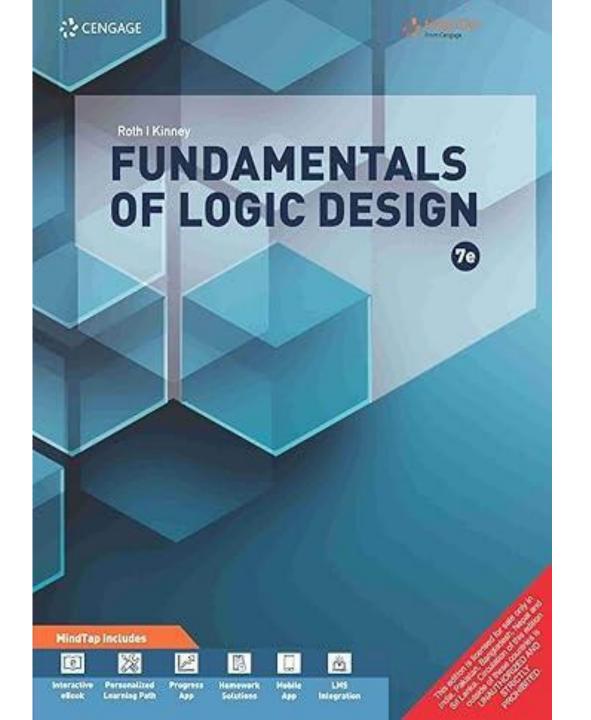
Deepen your practice and discover the myths, gods, sacred animals, and imagery that lie hidden in your favorite yoga postures. Meet the monks and maharajas, gods and gymnasts who shaped yoga as we know it. Have you ever wondered why yoga postures look the way they do, or how they got their names? From Lotus to Warrior, Cobra to Happy Baby, this book takes a fresh look at the stories behind 30 familiar poses. By drawing in on Hindu scripture, mythology, and the animals, birds, and flowers the original Indian yogis saw around them, Curious Poses explores the symbolism of yoga postures many of us practice every week and offers inspiration to regular practitioners and yoga teachers alike. Let this book take you on a journey into a treasure trove of yoga history, mythology, philosophy, and pop culture that...





Call No : 616.8914 KRE-G

NAIKAN is a Japanese word that means inside looking or introspection. A more poetic translation is seeing oneself with the mind's eye. Drawing on Eastern spiritual and psychological traditions, Naikan is a unique method of self-reflection for cultivating self-awareness, gratitude, empathy, and a path for moving forward in our lives. Through Naikan we develop a natural and profound sense of gratitude for blessings bestowed on us by others, which were always there but went unnoticed. This is the 20th-anniversary edition of this influential book. Author Gregg Krech, now after more than 30 years of teaching Naikan, shares the depth of his experience with essays, parables, poems, quotations, and recommended reflection exercises. The edition includes new material on relationships, a seven-day...





Call No : 621.395 ROT-C

Updated with modern coverage, a streamlined presentation, and excellent companion software, this seventh edition of Fundamentals of Logic Design achieves yet again an unmatched balance between theory and application. Authors Charles H. Roth, Jr. and Larry L. Kinney carefully present the theory that is necessary for understanding the fundamental concepts of logic design while not overwhelming students with the mathematics of switching theory. Divided into 20 easy-to-grasp study Units, the book covers such fundamental concepts as Boolean algebra, logic gates design, flip-flops, and state machines. By combining flipflops with networks of logic gates, students will learn to design counters, adders, sequence detectors, and simple digital systems. After covering the basics, this text...





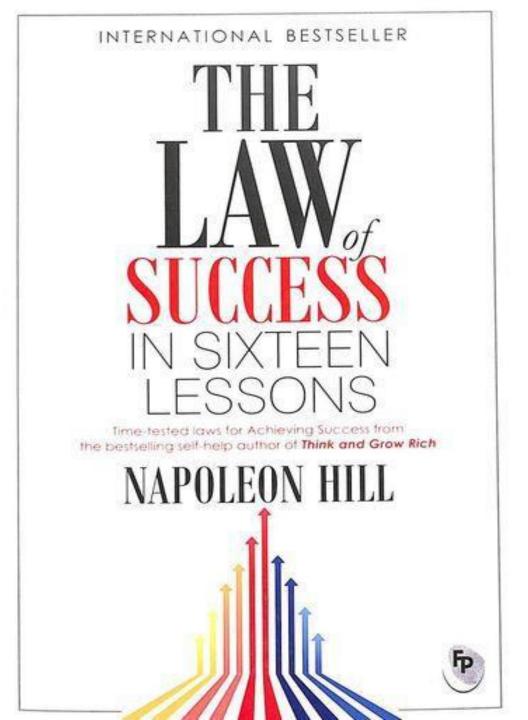
NSIDER'S EDITION WITH HANDWRITTEN FOOTNOTES AND AFTERTHOUGHTS

# ANTHONY BOURDAIN KITCHEN CONFIDENTIAL

Acc. No : 48176

Call No : 641.5092 BOU-A

New York Chef Tony Bourdain gives away secrets of the trade in his wickedly funny, inspiring memoir or expose. Kitchen Confidential reveals what Bourdain calls twentyfive years of sex, drugs, bad behavior, and haute cuisine. Last summer, The New Yorker published Chef Bourdain's shocking, Don't Eat Before Reading This. Bourdain spared no one's appetite when he told all about what happens behind the kitchen door. Bourdain uses the same take-no-prisoners attitude in his deliciously funny and shockingly delectable book, sure to delight gourmands and philistines alike. From Bourdain's first oyster in the Gironde to his lowly position as dishwasher in a honky tonk fish restaurant in Provincetown where he witnesses for the first time the real delights of being a chef from the kitchen of the Rainbow Room atop...





Call No : 650.1 HIL-N

The Law of Success was a precursor to Napoleon Hill's Think and Grow Rich. Hill was well known for researching what made millionaires different from the common man. The sixteen lessons in this book perfectly crystallize everything you will need to know to succeed during these hard economic times. Many of today's best-known self-help books take their core concepts from this book. The Secret, the Power of Positive Thinking, the Millionaire Next Door, and The Law of Attraction all take their basic premises from this landmark work. Now you can get it from the source. Once you've read this book you will understand what gives certain people an edge over everyone else. By following the advice laid out herein you'll be the one with an edge. It's time to stop wondering what it's like...





# UNLEASHING YOUR ENTREPRENEURIAL POTENTIAL

Raghu Nandan



Acc. No : 48698

Call No : 658.110954 NAN-R

This book focuses on how to identify and nurture the entrepreneurial talents of the new generation. The author believes that in the new India, entrepreneurship is less about creating wealth and more about creating new organizations that generate upscale employment. **Unleashing Your Entrepreneurial Potential highlights** how to learn to compete with the best in the world. It builds on the premise that the excellent exposure that the average young Indian professional is already getting is heavily tilted toward the West. But the strongest competitive challenges are now coming from the East, which is ruthlessly capturing the Indian and the world markets. Hence to fight and win in the new world, youngsters in India have to learn and understand the mindset of the Japanese, the Koreans, and the...



## innovate





## Make:



# Getting Started with Raspberry Pi



Getting to Know the Inexpensive ARM-Powered Linux Computer

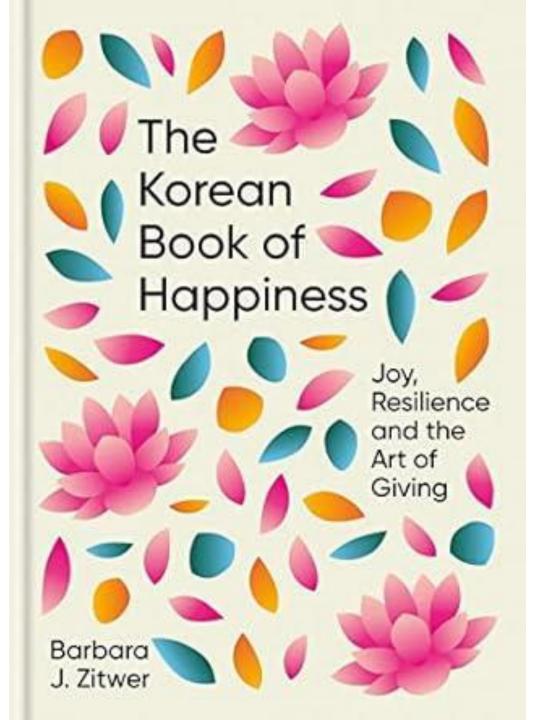
Matt Richardson, Shawn Wallace, and Wolfram Donat

Acc. No : 47546

Call No : 794.81526 RIC-M

The Raspberry Pi is a credit card-sized computer that plugs into your TV and a keyboard. It is a capable little computer which can be used in electronics projects, and for many of the things that your desktop PC does, like spreadsheets, word processing, browsing the internet, and playing games. It also plays high-definition video. This book takes you step-by-step through many fun and educational possibilities. Take advantage of several preloaded programming languages. Use the Raspberry Pi with Arduino. Create Internet-connected projects. Play with multimedia. With Raspberry Pi, you can do all of this and more. This is not to say Raspberry Pi is better than a traditional microcontroller, it's just different. For instance, if you want to make a basic thermostat, you are probably better of using an Arduino Uno or similar...





Call No : 915.95045 ZIT-B

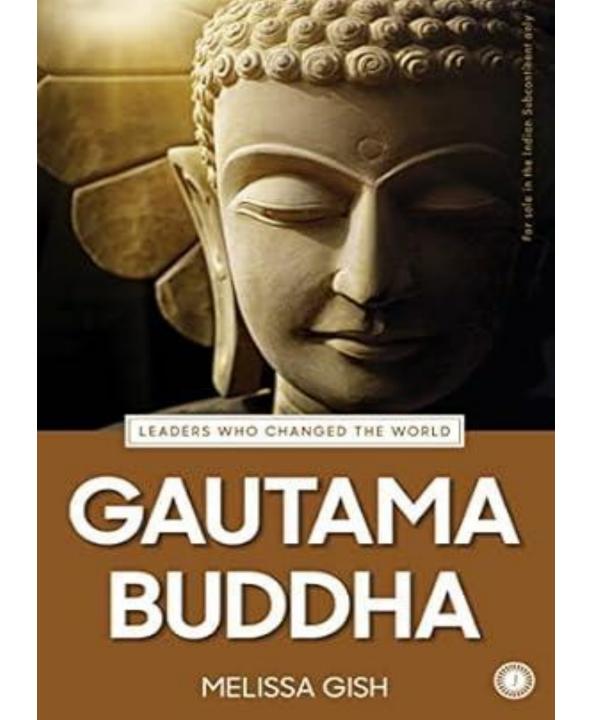
From the very first moment she set foot in South Korea, Barbara Zitwer, literary agent to some of the most celebrated Korean authors, fell head-over-heels in love, rediscovering a vitality for life. In this fascinating book, Zitwer shares all that she has learned about this vibrant country forged by the philosophies of Han, heung, and Jeong: resilience, joy, and the art of giving. She takes us from the buzzing capital of Seoul to Buddhist mountain temples, from the bizarre theme park within the Demilitarized Zone to the island of Jeju to meet haenyeo, a remarkable sisterhood of free divers. Along the way, Zitwer recounts magical moments of understanding and connection, as well as top travel tips and local recipes. The Korean Book of Happiness invites you to explore a beguiling culture and learn how the...

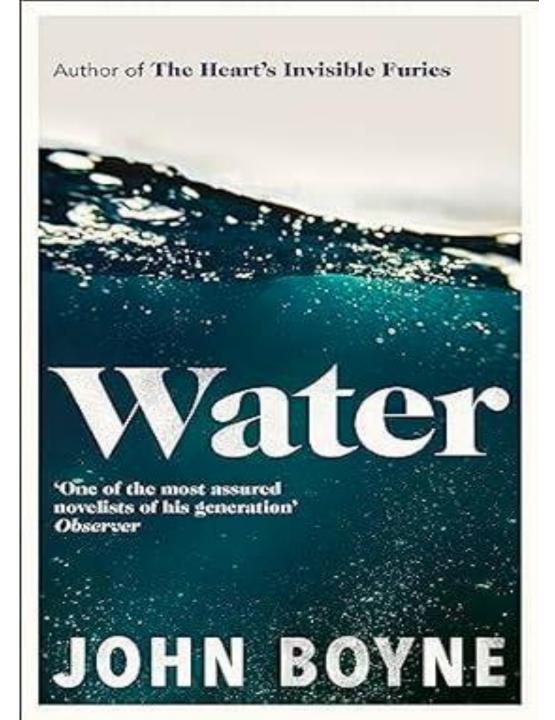




Call No: Biography GIS-M

The Shakya prince, Siddhartha Gautama, raised in comfort and luxury renounced it all when he realized that he had been living a privileged life devoid of sufferings. In his quest to attain spiritual enlightenment, Gautama gave up life as a prince and householder and adopted the mendicant's life. While meditating under a tree in Bodh Gaya, he had a spiritual awakening and became famous as Gautama Buddha, or the enlightened one. This tree known as the Bodhi tree stands till today and draws pilgrims from across the world. Buddhism is the world's fourth-largest religion. According to the 14th Dalai Lama, Buddha argued against following any religious authority or tradition for its own sake. He wanted his followers to adapt his teachings to suit their own lives. Leaders such as...

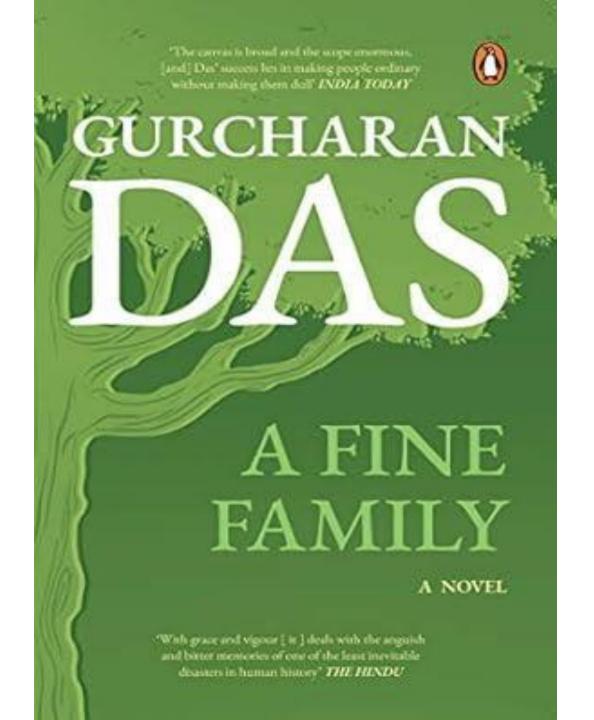






Call No : Fiction BOY-J

The first thing Vanessa Carvin does when she arrives on the island is changes her name. To the locals, she is Willow Hale, a solitary outsider escaping Dublin to live a hermetic existence in a small cottage, not a notorious woman on the run from her past. But scandals follow like hunting dogs. And she has some questions of her own to answer. If her ex-husband is really the monster everyone says he is, then how complicit was she in his crimes? Escaping her old life might seem like a good idea but the choices she has made throughout her marriage have consequences. Here, on the island, Vanessa must reflect on what she did and did not do. Only then can she discover whether she is worthy of finding peace at all. Like the best novelists, John Boyne shines a light in dark places and forces us to confront which contribute...





Call No : Fiction DAS-G

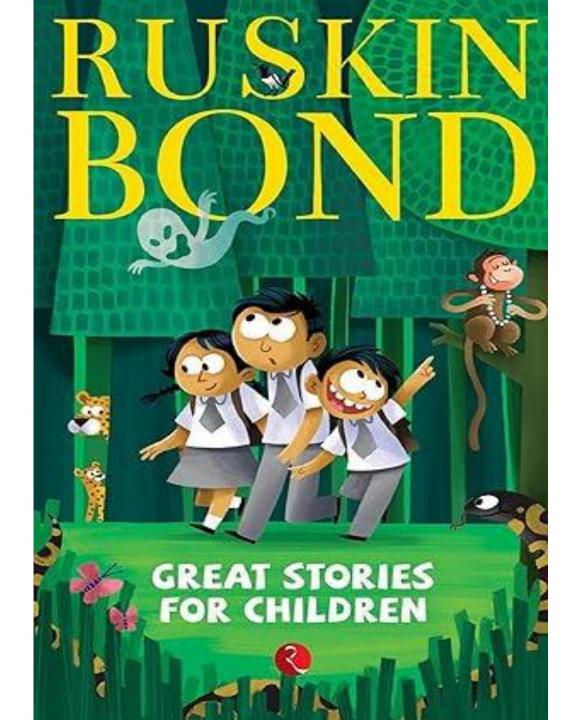
This majestic novel by the author of India Unbound is the extraordinary chronicle, rich in passion and incident, of a Punjabi family that is uprooted from its settled existence in Lyallpur by the violence of Partition and forced to flee to India. Everything is lost in the transition, but when a son is born into the family, hopes revive of rebuilding the family's fortunes, the efforts towards which mirror those of India itself as it struggles to build itself anew. This book is one will never give away. It tells the story of three generations of an Indian family before, during, and after the partition of India. It has great depth and the main characters are strongly drawn. The historical detail is remarkable and brings the tensions both personal and political to life. If you can find it, buy it. Together the voices of the various...

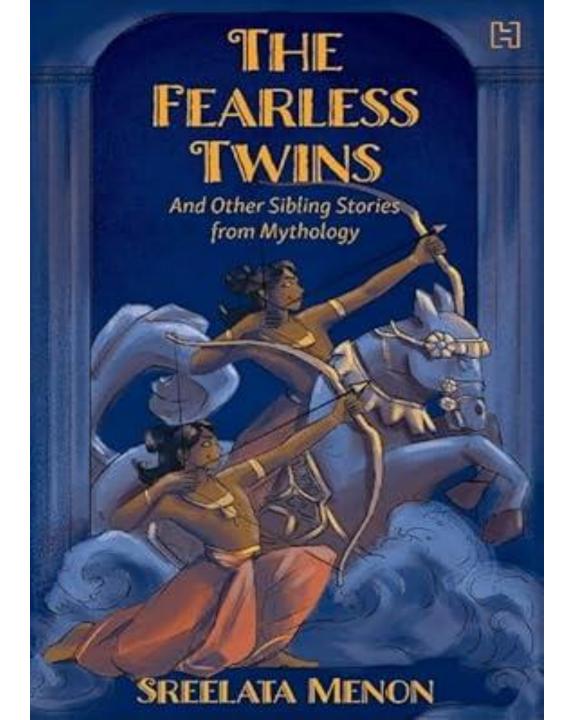




**Call No**: Fiction BON-R (Young Learners)

**Great Stories for Children is a potpourri of short stories** that effectively transports the reader to the fascinating world of its endearing characters. The ensemble includes Tutu the monkey, who is fond of troubling the no-nonsense Aunt Ruby; a pet python who makes sudden appearances at the most unusual places; a troublesome Pret who enjoys stirring up the household he resides in, three young children stranded on the Haunted Hill, Himalayan bears who feast on pumpkins, plums and apricots; a crafty thief who has a change of heart; and Ruskin Bond himself, who meets a ghost at a resort in the middle of the night. Set in Ruskin Bond's beloved hills, this much-loved collection of classic children's stories transports the reader to a quaint world peopled with an eclectic cast of characters from grandfather, whose peculiar affinity for pet pythons...







**Call No**: Fiction MEN-S (Young Learners)

Step boldly into the world of majestic royals, valiant warriors, loyal servants, and true companions like Krishna and Arjuna, Achilles and Patroclus, Hercules and Hylas, Sita and Trijata, Gilgamesh and Enkidu, and other extraordinary pairs. Witness their fierce loyalty, daring brawls, and amusing tricks like never before in these long-lived tales of companionship that survived trials, dared dangers, and triumphed over the sands of time. Written with a dash of wit and a sprinkle of magic, these enchanting stories will take you on a journey of laughter, battles, whispered secrets, and an unshakable appreciation of true friendship even when your buddy is armed with playful pranks. Written with blend of humour and a touch of magic, these tales of old will tickle your funny bone, tug at your heartstrings and...

### Links to Access Library Resources / Services

OPAC Link: <a href="https://bitspilani-hyd-opac.kohacloud.in/">https://bitspilani-hyd-opac.kohacloud.in/</a>

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>

