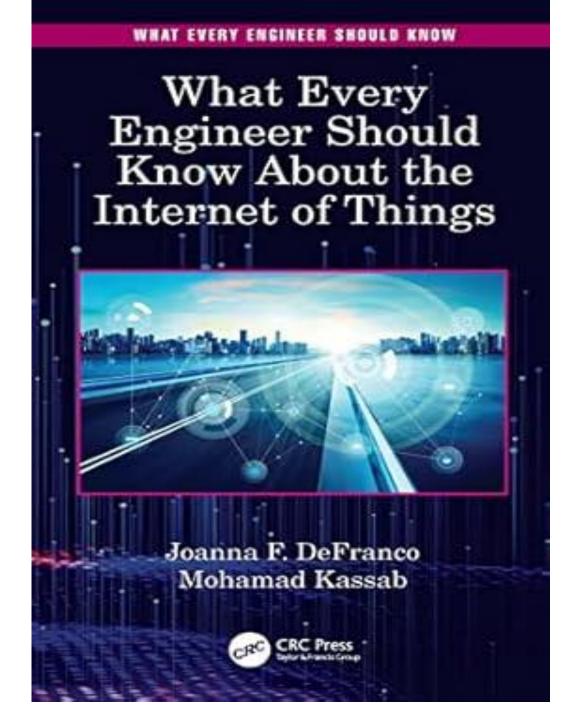


Call No : 001.942 ALT-P

Does alien life exist? Is time travel possible? How did the universe begin, and how will it end? Is the future predetermined? These are just some of the fascinating questions in this book, which stretches across physics, the life sciences, and cosmology. Each chapter considers a separate question and ends with an answer or, if there is insufficient evidence, a best-guess answer. For every question addressed here be it time travel, multiple universes, intergalactic travel, or the end of the world the author has tried to exhaust all possibilities before concluding. Everyone will have their own opinion but one thing is certain: Mysteries of the Universe will fascinate, educate, and stimulate. Dr Peter Altman trained as a biochemist and now works as a science writer and speaker. His areas of special interest include...





Call No : 004.678 DEF-J

Internet of Things products and cyber-physical systems are being utilized in almost every discipline and there continue to be significant increases in spending on the design, development, and deployment of IoT applications and analytics within every domain, from our homes, schools, government, and industry. This practical text introduces IoT so that every engineering discipline can understand and discusses detailed applications of IoT. Developed to help engineers navigate this increasingly important and crossdisciplinary topic, this work. Offers research-based examples and case studies to facilitate understanding each IoT primitive. Highlights IoT's connection to blockchain. It provides an understanding of the benefits and challenges of IoT and its...

Springer Texts in Statistics

Gareth James Daniela Witten Trevor Hastie Robert Tibshirani

An Introduction to Statistical Learning

with Applications in R

Second Edition

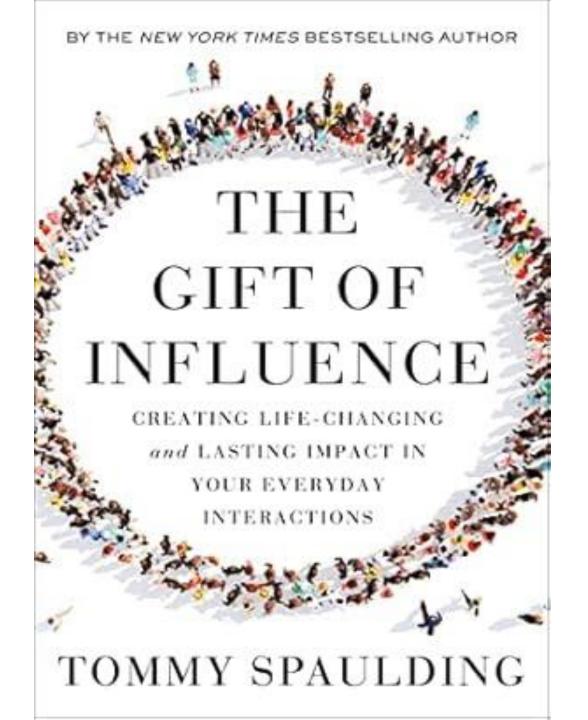




Acc. No : 48953

Call No : 005.7 JAM-G

An Introduction to Statistical Learning provides an accessible overview of the field of statistical learning, an essential toolset for making sense of the vast and complex data sets that have emerged in fields ranging from biology to finance to marketing to astrophysics in the past twenty years. This book presents some of the most important modeling and prediction techniques, along with relevant applications. Topics include linear regression, classification, resampling methods, shrinkage approaches, tree-based methods, support vector machines, clustering, deep learning, survival analysis, multiple testing, and more. Color graphics and realworld examples are used to illustrate the methods presented. Since the goal of this textbook is to facilitate the use of these statistical learning techniques by...





Call No : 153.852 SPA-T

Researchers estimate that the average person will influence up to eighty thousand people throughout their lifetime or 2.8 people daily. That's a stadium full of people each of us affects in ways positive or negative, sometimes without our realizing. What if we paid attention to this fact? Would we live differently? Would we lead differently? Would we put down our phones and be more present with the people in front of us? Tommy Spaulding believes the answer is yes. In this compelling and deeply personal book, Spaulding explores how we can be more mindful and effective in wielding the influence that each of us has over others in our careers, our everyday interactions, and the relationships we cultivate throughout our lives. Sharing stories from exceptional leaders from entrepreneurs...

THE POWER OF ACTIVE THINKING

How to Improve Your Decisions



Acc. No : 48267

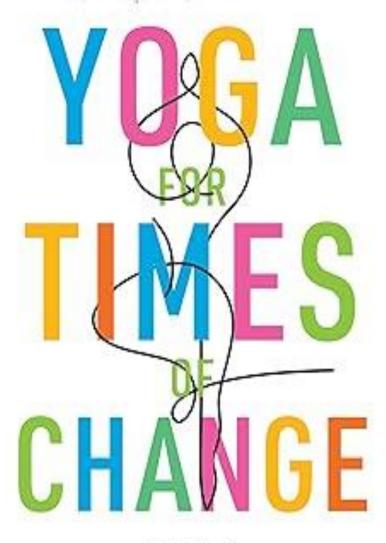
Call No : 158.1 LOW-U

Improve Your Decisions. **Enhancing** How to consciousness in decision-making. How can decisions be improved by detecting and managing inherent weaknesses? This book analyses the practical implications of behavioural economics among decisionmakers to encourage active creative thinking and drive individuals and organizations to make better decisions. Going beyond behavioural economics, this book uses psychology, philosophy, and anthropology demonstrate the myths that govern behaviour, our natural longing for inclusion, and the power held by those setting the agenda in our vicinity. This book enables active thinking and encourages individuals to be a useful asset to their companies by using System 2 thinking deliberate, slow, and controlled thinking to...



Call No : 181.45 ZOL-N

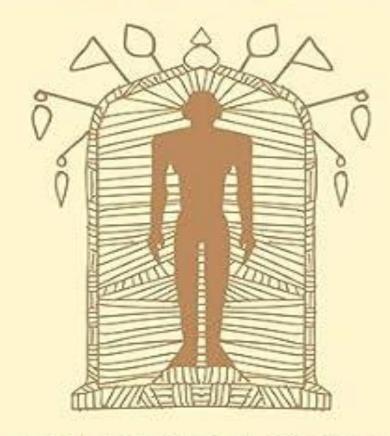
Yoga was originally designed to make you calmer, steadier, and more content, not just stronger and healthier. This guide offers many ways you can use yoga as a healthy coping mechanism when you're confronted with the physical, emotional, and mental changes that life brings you. It covers both ancient and modern techniques including yoga poses, breathing practices, relaxation, mantras, and meditation that allow you to return yourself to balance when you're experiencing challenges, and to fortify yourself for the future. Nina Zolotow covers myriad topics related to living through times of change, including stress, anxiety, depression, anger, grief, being present, making peace with change, how to practice yoga when you're experiencing physical changes, and how to practice meditation, breath...



NINA ZOLOTOW





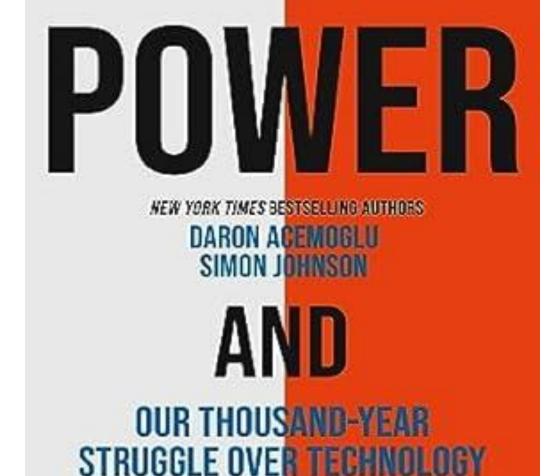






Call No : 294.5 PAT-D

Many historians believe that Jainism and other hermit schools were simply a reaction to Vedic ritualism. But for most Jains, their religion has no origin it has always been around. Jainism was rediscovered by Rishabh-dev, the first Tirthankar of this era. Rishabh's eldest son, Bharat, became Chakravarti, king of kings, and gave the country its name. Bahubali, Bharat's younger brother, renounced violence and followed the Jain path of freedom. Rishabh was followed by twenty-three other Tirthankars. The last of them was Mahavir, who lived around 2,500 years ago. In Bahubali, Devdutt Pattanaik explores the stories, symbols, rituals, and ideas associated with one of India's most ancient but lesser-known faiths, and shows us why the tenets of Jainism are still very relevant to all of us even today. Jains have never been represented in a...



AND PROSPERITY

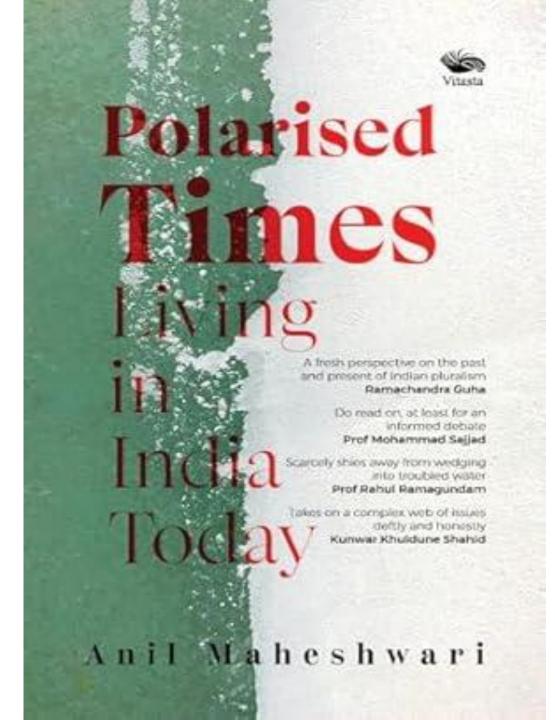


Acc. No : 48173

Call No : 301.01 ACE-D

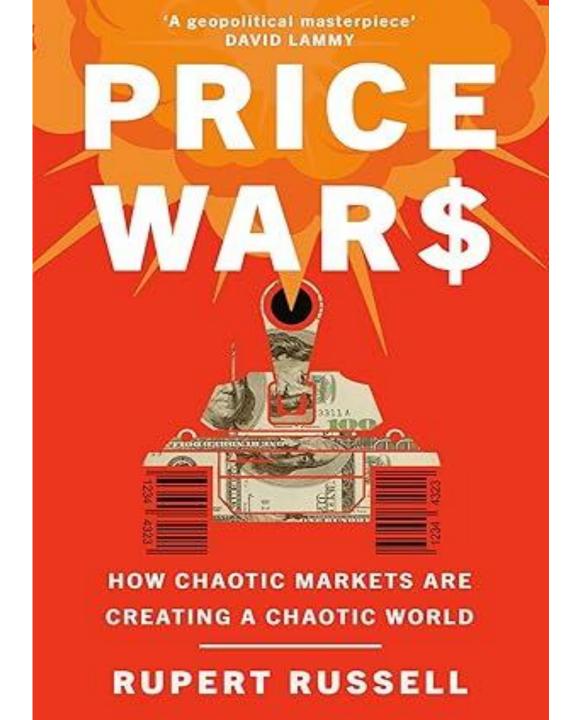
Throughout history, technological change whether in the form of agricultural improvements in the Middle Ages, the Industrial Revolution, or today's artificial intelligence has been viewed as a main driver of prosperity, working in the public interest. The reality, though, is that technology is shaped by what powerful people want and believe, generating riches, social respect, cultural prominence, and further political voice for those already powerful. For most of the rest of us, there is the illusion of progress. Daron Acemoglu and Simon Johnson debunk modern techno-optimism through a dazzling, original account of how technological choices have changed the course of history. From vivid stories of how an ecclesiastical elite appropriated the economic surplus of the Middle Ages to build cathedrals while the...





Call No : 305.6970954 MAH-A

Throughout India's long and chequered history, Hindus, Muslims, and other communities have consistently adapted while preserving their shared identity. India has long stood as a sanctuary for its diverse minorities, allowing them to nurture their faith and culture. However, contemporary India faces a profound distrust between its major communities. Centuries of mutual suspicion have given rise to new terms like persecution complex, self-denial, and victimhood. Even more disconcerting are phrases such as holocaust, massacre, pogrom, and genocide. The need for dialogue is undeniable, but the ground reality tells a different story. This book also casts a spotlight on the role of left liberals in perpetuating this divide. Polarised Times is an essential exploration of the pressing issues that...

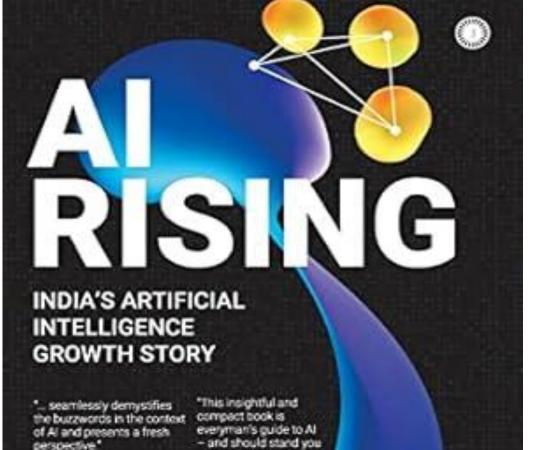




Call No : 332.644 RUS-R

War in Ukraine, a global hunger crisis, the West's cost of living crisis the eruptions of 2022 were all too predictable. In Price Wars, Rupert Russell lays out just how these crises are connected and how many such events plunged the 2010s into a decade of turmoil. Entering the eye of the storm from the trenches of Russian separatist-controlled Donbas to bomb disposal squads in Mosul to cattle raiders in Kenya - Russell discovers a butterfly effect of chaos in the real world being driven by chaos in the commodities markets. The price of food and oil has the power to bankroll foreign invasions, plunge continents into poverty, and spark revolutions, civil wars, and refugee crises. And these prices, whistle-blowing hedge fund managers and Nobel Prize winners told him, have become...





in good stead both in

Sukumar Rangaga

Handustan Timer

the board room and the

Acc. No : 49065

Call No : 338.0640954 DMO-L

The long, harsh winter is over. Now artificial intelligence is a game-changer. At is reaching an inflection point. The conversational AI chatbot ChatGPT garnered over 100 million users in just two months of its launch. Following the hype, Google and Microsoft were forced to slug it out with their chatbot-powered search engines Bard and Bing, respectively. Yet to figure out how these Al developments will transform your lives and work? Will Al take away your job or even become self-aware? Regardless of whether you are an aspiring student of AI, an entrepreneur, a policymaker, a senior executive, an investor, or a decision-maker, this book is for you. Al Rising will provide you with enough information and perspective to form your own opinion about AI and its applications in business, industry, and society at large...

Praner Mistry CEO, Two Platforms



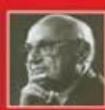
innovate achieve lead

MODERN Macroeconomics

Its Origins, Development and Current State



















Brian Snowdon and Howard R. Vane

Acc. No : 48973

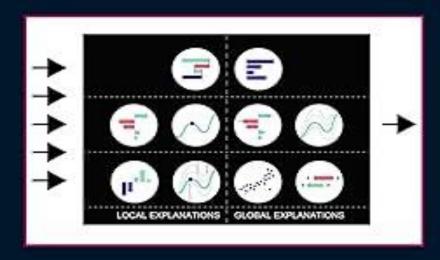
Call No : 339 SNO-B

More than a decade after the publication of the critically acclaimed A Modern Guide to Macroeconomics, Brian Snowdon and Howard Vane have produced a worthy successor in the form of Modern Macroeconomics. Thoroughly extended, revised, and updated, it will become an indispensable text for students and teachers of macroeconomics in the new millennium. The authors skillfully trace the origins, development, and current state of modern macroeconomics from a historical perspective. They do so by thoroughly appraising the central tenets underlying the main competing schools of macroeconomic thought as well as their diverse policy implications. To reflect the important developments which have occurred in macroeconomics over the final decades of the twentieth century, they also survey the...



EXPLANATORY MODEL ANALYSIS

Explore, Explain, and Examine Predictive Models



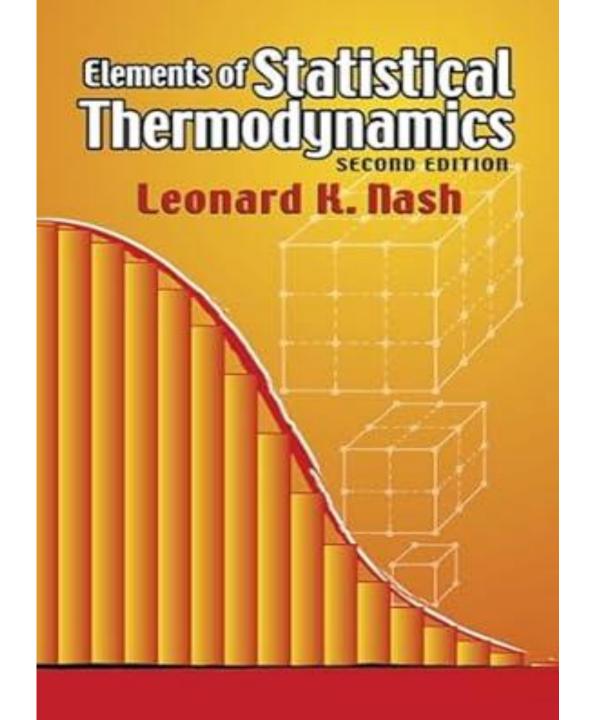
PRZEMYSŁAW BIECEK TOMASZ BURZYKOWSKI



Acc. No : 48471

Call No : 519.5 BIE-P

Explanatory Model Analysis Explore, Explain, and **Examine Predictive Models is a set of methods and tools** designed to build better predictive models and to monitor their behavior in a changing environment. Today, the true bottleneck in predictive modeling is neither the lack of data, the lack of computational power, inadequate algorithms, or the lack of flexible models. It is the lack of tools for model exploration extraction of relationships learned by the model, model explanation understanding the key factors influencing model decisions, and model examination identification of model weaknesses and evaluation of model's performance. This book presents a collection of modelagnostic methods that may be used for any black-box model together with real-world applications to...

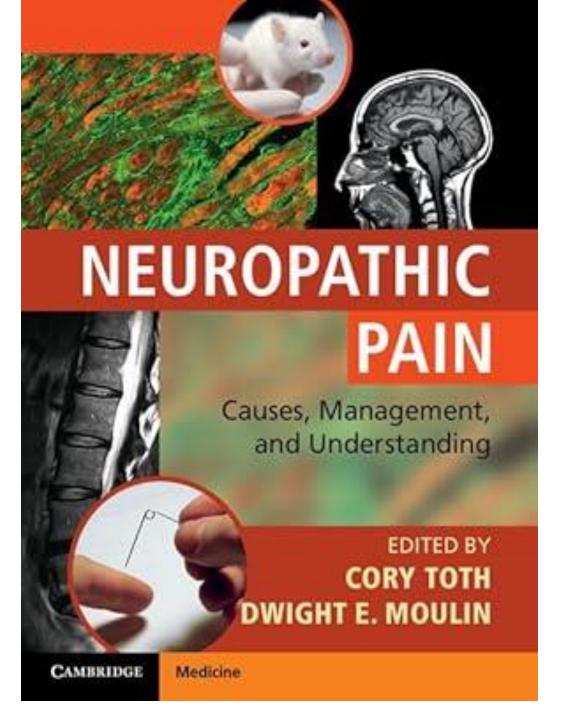




Call No : 536.7 NAS-L

This concise, elementary treatment illustrates how an atomic-molecular perspective yields new insights and powers operative in the realms of macroscopic thermodynamics. Starting with an analysis of some very simple microcanonical ensembles, it proceeds to the Boltzmann distribution law and a systematic exploration of the proper formulation, evaluation, and application of partition functions. The concepts of equilibrium and entropy thus acquire new significance, and readers discover how thermodynamic parameters may be calculated from spectroscopic data. Encompassing virtually all of the forms of statistical mechanics customary to undergraduate physical chemistry books, this brief text requires prior acquaintance with only the rudiments of calculus and a few of the simplest...





Call No : 616.8 TOT-C

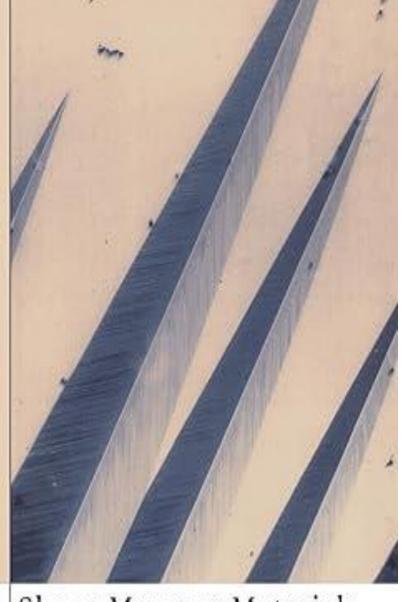
Central or peripheral neuropathic pain can be caused by a wide range of injuries, infections and diseases such as spinal cord injury, multiple sclerosis, stroke, herpes zoster, diabetes, and cancer. Many of these pain syndromes are difficult to treat, representing a challenge for many neurologists not routinely trained in pain management. Written by an international team of experts in the field, Neuropathic Pain: Causes, Management and Understanding gives readers an indepth understanding of many conditions causing neuropathic pain. Epidemiology, clinical diagnosis, pathophysiology, outcome measurement, and the best evidence-based management of individual and general neuropathic pain conditions are also described in depth. A unique chapter, written from a patient's view...





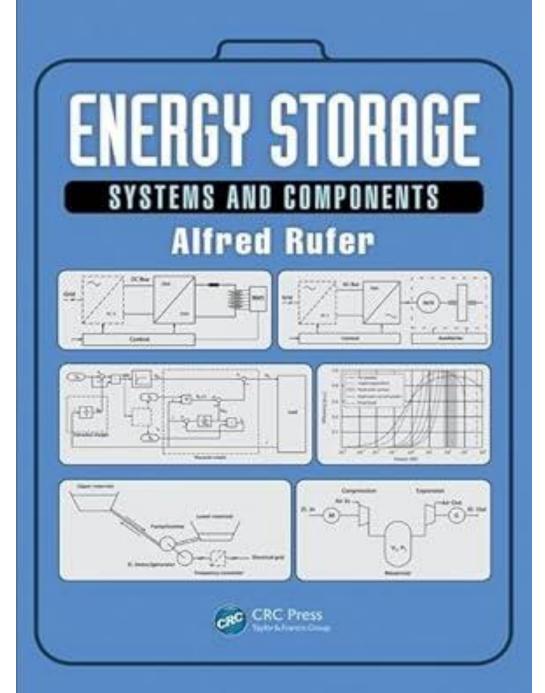
Call No : 620.1632 OTS-K

Shape memory materials are fascinating materials, with the potential for application as smart materials and new functional materials. This book presents a systematic and up-to-date account of all aspects of shape memory materials, from fundamentals to applications. Starting from the basic principles of the martensitic transformation, on which the shape memory effect and the superelasticity of alloys are based, the mechanisms of the two phenomena are clearly described, together possible with applications. The characteristics, fabrication techniques, and thermomechanical treatment of various shape memory alloys are described in detail, with special emphasis on Ti-Ni and Ti-Ni-X, with X being Cu, Fe, etc. The book then describes various applications and design principles, for example in...



Shape Memory Materials

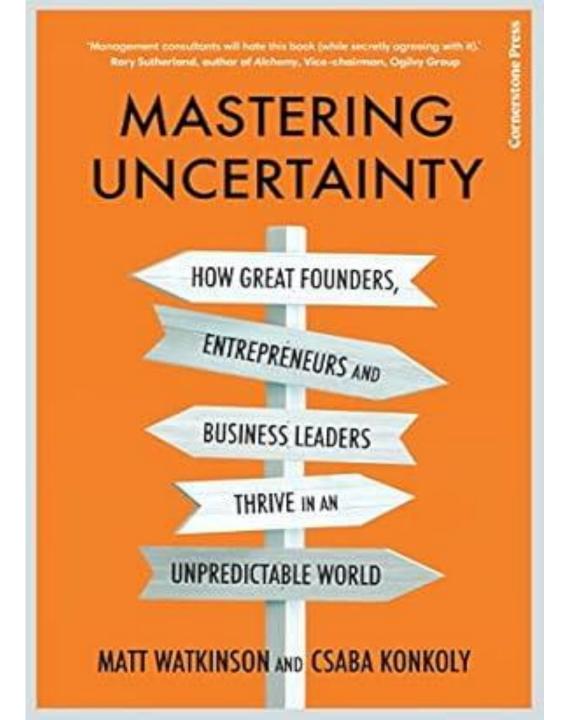
Edited by K.Otsuka and C.M.Wayman





Call No : 621.31 RUF-A

This book will provide the technical community with an overview of the development of new solutions and products that address key topics, including electric or hybrid vehicles, ultrafast battery charging, smart grids, renewable energy e.g., solar and wind, peak shaving, and reduction of energy consumption. The needs for storage discussed are within the context of changes between the centralized power generation of today and the distributed utility of tomorrow, including the integration of renewable energy sources. Throughout the book, methods for quantitative and qualitative comparison of energy storage means are presented through their energy capacity as well as through their power capability for different applications. The definitions and symbols for energy density and...





Call No: 650 WAT-M

What separates the world's most successful entrepreneurs and business tycoons from the rest? It's not their superhuman intelligence. It's something more fundamental: they understand how to turn uncertainty to their advantage. We all know that the future is inherently unknowable, and yet we behave and plan as though it is. Once we truly understand the nature of uncertainty, though, we can take practical steps to make the most of the opportunities that come our way. In Mastering Uncertainty award-winning author Matt Watkinson and investor and entrepreneur Csaba Konkoly offer a masterclass on the workings of luck and probability. They show how to calculate when to make big bets and when to pull back. And they offer supremely practical advice on how we can improve our...

DALLY ENTREPRENEUR

33 Success Habits to Take
Your Business to the Next Level



S. J. SCOTT REBECCA LIVERMORE





Acc. No : 49090

Call No : 658.11 SCO-S

Success habits for small business owners, freelancers, and aspiring 9-to-5 escape artists. Entrepreneurship can be exciting. It can also be stressful, frustrating, and full of challenges. Most entrepreneurs begin with a dream of financial freedom, but often the reality fails to match the expectations. The good news is, that the problems you face are common to most if not all entrepreneurs. If you study the lives of successful people, you'll find that regardless of industry, they encounter the same challenges you face and find a way to overcome them. Their secret? They focused on building specific daily habits. The Daily Entrepreneur talks about the power of habit development and shows how to use it to overcome your specific challenges. What makes this book different is that it's organized according to...



Silver

Overcoming Adversity to Build

Lining
NEPHROPLUS
Kamal

India's Largest Dialysis Provider

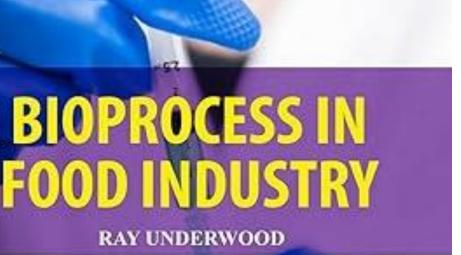
Shah

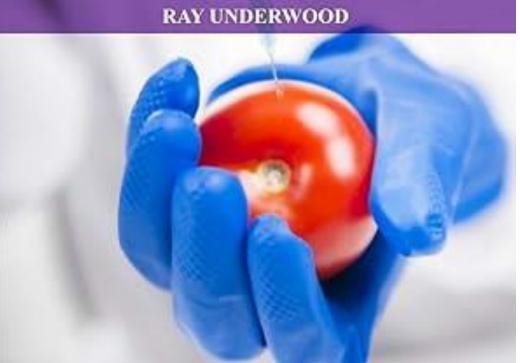
Acc. No : 48645

Call No : 658.4 SHA-K

In 1997, Kamal Shah's world turned upside down. On his way to study in the US, Shah was completing the formalities for a student visa, which included preventive vaccinations for hepatitis, typhoid, measles, mumps, and rubella. He developed a slight fever following his shots, which he dismissed as a normal side effect. Within twenty-four hours, Shah was forced to rethink. His condition deteriorated overnight, prompting an emergency rush to the hospital. Further tests revealed the unimaginable: an atypical hemolytic uremic syndrome. Kamal needed a kidney transplant. A year of painful hemodialysis later, Kamal underwent a renal transplant. His mother had donated her kidney to her son, in the hope that he could survive. The surgery was unsuccessful. In the last decade and a half, Kamal has...

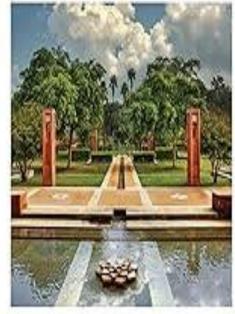






Call No : 664 UND-R

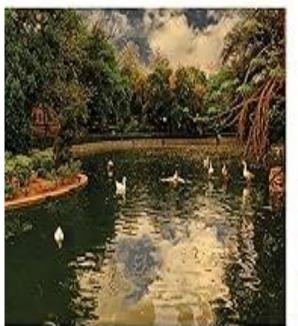
Bioprocessing has been used for a long time in the production of food. As early as 3,500 B.C., Sumerian brewers were using bioprocessing to create a popular beverage many drinkers still enjoy today. Bioprocessing, as the name suggests, uses living organisms and their components in the creation of new products. Bioprocessing is often used to manufacture pharmaceuticals, sustainable materials, alternative fuels, and even many of the foods we enjoy. Biotechnology as applied to food processing in most developing countries makes use of microbial inoculants to enhance properties such as the taste, aroma, shelflife, texture, and nutritional value of foods. The process whereby microorganisms and their enzymes bring about these desirable changes in food materials is known as...

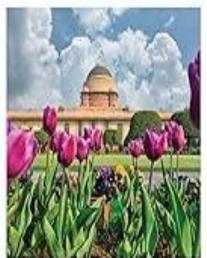


GARDENS OF DELHI

Swapna Liddle Madhulika Liddle

Photographs by Prabhas Roy



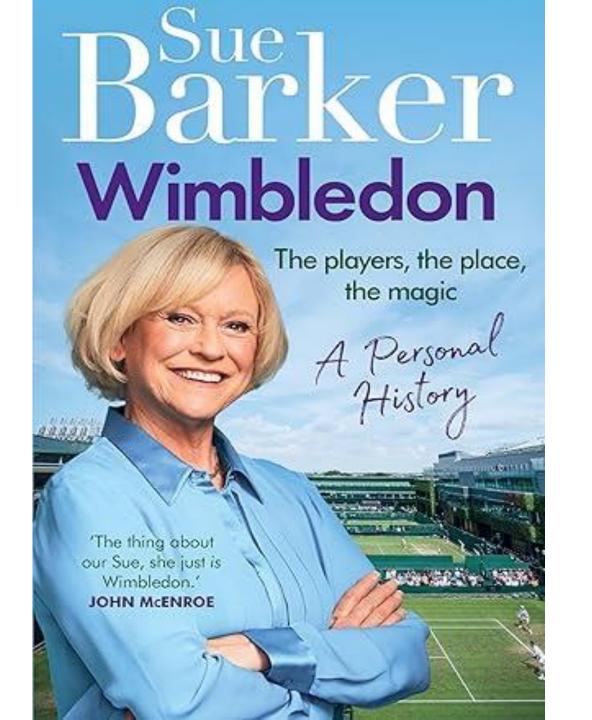




Acc. No : 49129

Call No : 720.954 LID-S

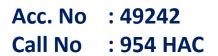
Delhi is often called a garden city, a reference both to its relatively high green cover and to its many public gardens. Some of these gardens have a long and interesting history, going back several centuries. Others are relatively new but still significant, be it for their design and variety of plants, or the events behind their establishment. All contribute to the character of Delhi and serve as important public spaces as a refuge from the strain of urban living for citizens and must-see attractions for visitors. This book is about some of Delhi's many gardens, introducing the readers to their histories, flora, and fauna. In the process it also takes a long view of how the city, and particularly its green cover, has developed; and some of the problems and challenges of maintaining that green cover in the face...



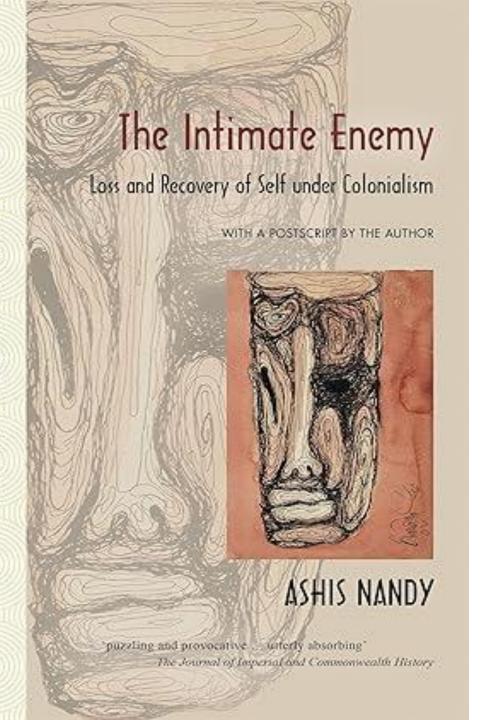
Call No : 796.3422 BAR-S

Sue Barker first walked through those famous wroughtiron gates aged 13 in 1969 to play in the National Schools event. What Sue didn't know then, was that every year for the next half-century, she would be back in some capacity. As a junior, aged 15, as a semi-finalist and Grand-Slam winner ranked No.3 in the world, as a broadcaster leading the BBC coverage for thirty years and for the first time, as a fan in 2023. And now she returns as a storyteller. The magic has stayed the same, but times have changed. With her first-hand insight and perspective, Sue paints an intimate portrait of the place, past and present, full of behind-the-scenes details drawn from her own experiences as well as personal conversations with her former mentors, contemporary players, friends and colleagues giants of the game such...





Human endeavor has always been to achieve, accomplish, and then strive to better the same. Some people continuously push the boundaries. While the world goes on to record the most, the largest, the highest, and the tallest, as and when they are surpassed, there is only one category that stays absolute, the first. The first to achieve something has a special space in history, etching their names first, and everything that comes after settles for a second space. India's Book of First a first of its kind presents a compilation of the many first of Indians. Bringing you a comprehensive list of these firsts across fields like governance, the arts, cinema photography, sports, science and technology, and more, the book aims to entertain and inspire. Features entries of India's first such as the first...

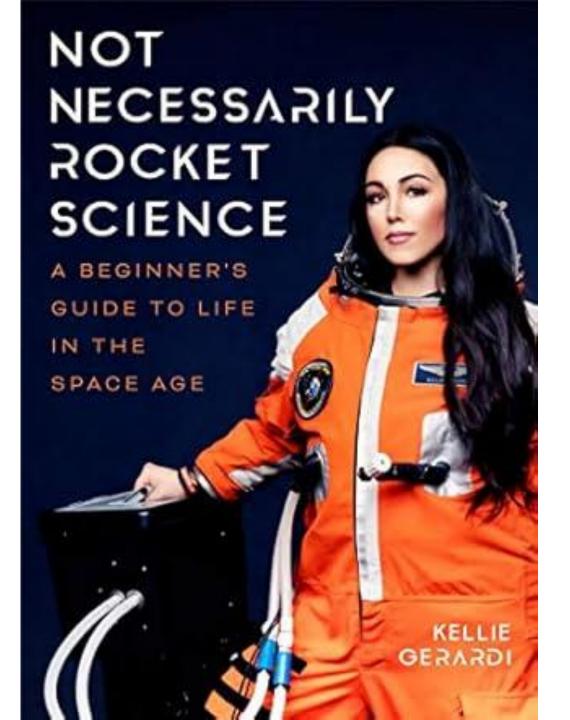




Call No : 954 **NAN-A**

Political, economic, and cultural domination under colonialism has repeatedly been studied during the last hundred years. Breaking with the tradition, Ashis Nandy explores how colonialism damaged the colonizing societies themselves, and how the likes of Gandhi resisted their rulers in British India by building on the lifestyle, values, and psychology of ordinary Indians and by heeding dissenting voices from the West. This edition, with a new preface by the author, commemorates twenty-five years since the book was published. The book will appeal to general readers as well as students and scholars of sociology, history, psychology, and cultural studies. This book explores how damaged the colonizing societies colonialism themselves, and how the likes of Gandhi resisted their...

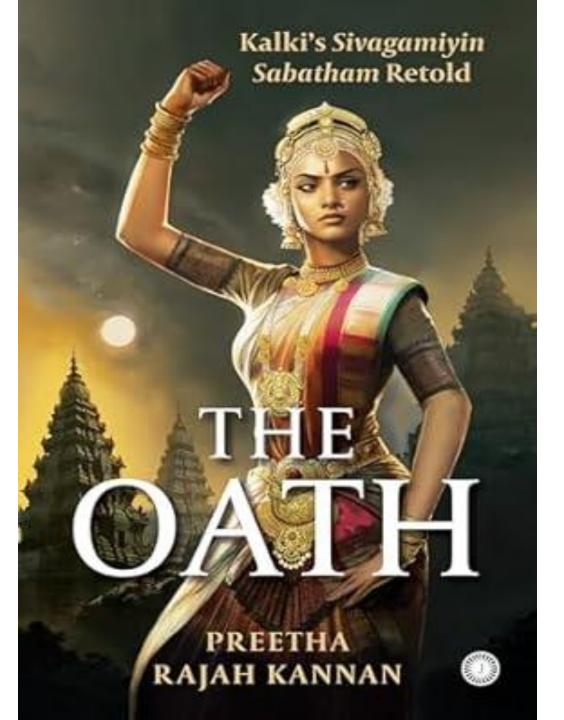




Call No : Autobiography GER-K

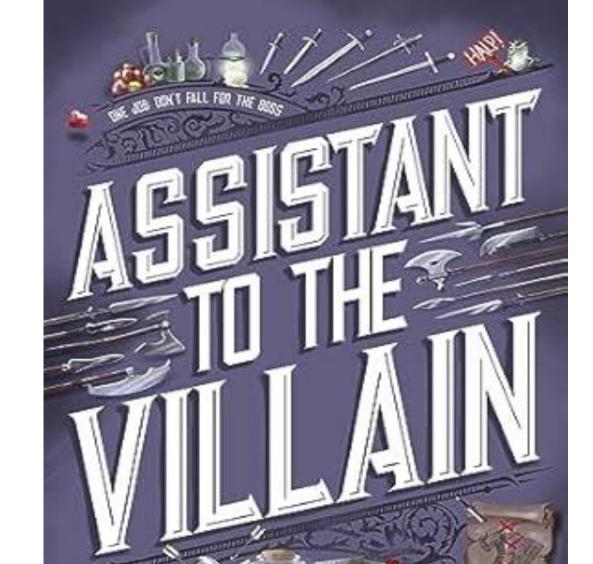
Humanity is on an astronomical trajectory and according aerospace professional and popular science communicator Kellie Gerardi, that future doesn't rest solely on the shoulders of rocket scientists. Gerardi's non-traditional path in the space industry shows us that humanity's next giant leap will require the contributions of artists, engineers, and everyone in between. Gerardi takes us on a tour of this unique window in history and offers encouragement and advice for anyone who has ever dreamed of the stars and galaxies far, far away. Ever wondered what it might be like to work in the space industry? In this candid guide, Gerardi offers an inside look into the commercial spaceflight industry and all those working to tee up a golden age of spaceflight, redefining the right stuff along the way. Whether you...





Call No: **Fiction KAN-P**

Set in the early seventh century, The Oath blends history and fiction into a gripping story of love and war. The powerful Chalukya king, Pulikesi, invades South India, laying siege to the city of Kanchi. In response, King Narasimhavarman Pallava launches a fierce attack on Vatapi, the Chalukya capital. Amidst burning cities, savage battles, and deceitful plots, the passionate love story of Emperor Mamallan and the beautiful dancer, Sivagami, unfolds. Their love faces many dangers as dark schemes are hatched in hidden monasteries, disguised kings walk into enemy camps and assassins lurk with poisoned daggers. From royal courts to secret hideouts, kings and monks, clever spies and skilled sculptors, saints and brave warriors fill the pages with action and excitement. As the tension builds to a nail-biting...



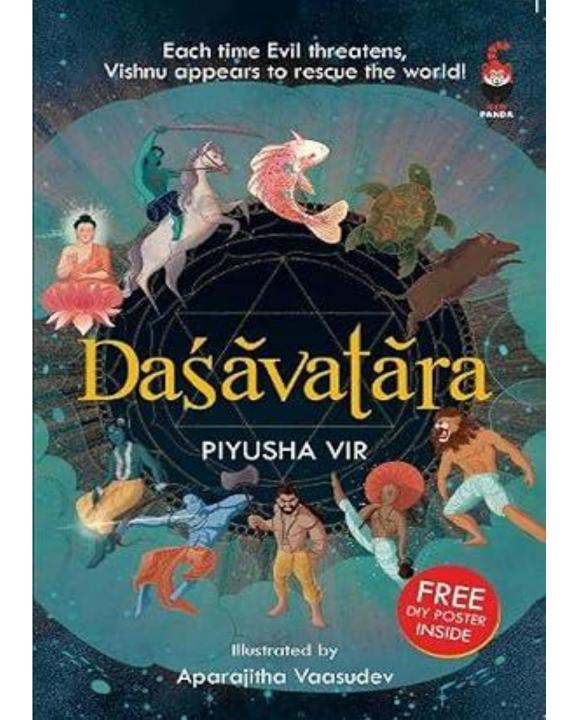
NAH NICOLE MAEHRER



Acc. No : 48323

Call No: Fiction MAH-H

A notorious, high-ranking villain seeks a loyal, levelheaded assistant for unspecified office duties, supporting staff for random mayhem, terror, and other Dark Things in General. Discretion is a must. Excellent benefits. With an ailing family to support, Evie Sage's employment status isn't just important, it's vital. So when a mishap with Rennedawn's most infamous Villain results in a job offer-naturally, she says yes. No job is perfect, of course, but even less so when you develop a teeny crush on your terrifying, temperamental, and undeniably hot boss. Don't find evil so attractive, Evie. But just when she's getting used to severed heads suspended from the ceiling and the odd squish of an errant eyeball beneath her heel, Evie suspects this dungeon has a huge rat and not just the literal...

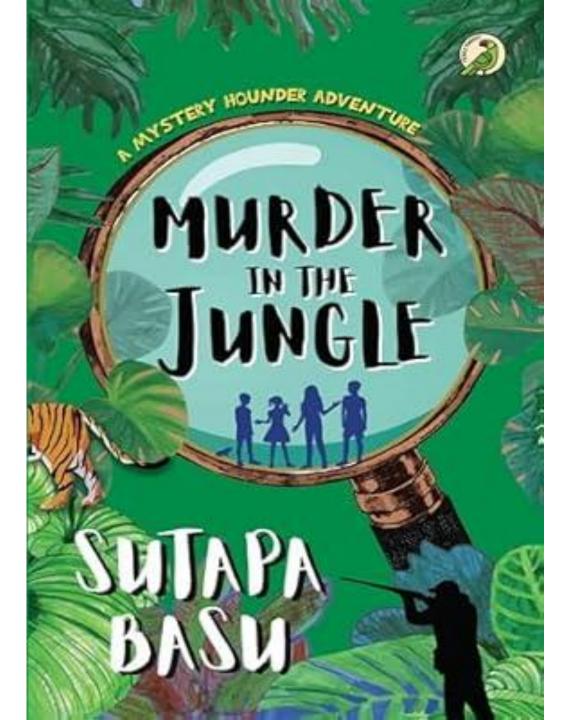




Call No : 294.523 VIR-P (Young Learners)

Long before superheroes in capes conquered our imagination, there was Lord Vishnu! In Hindu mythology, wherever it is evil and whenever the world needs to be rescued, He would materialize to fulfill His role as preserver and protector. Vishnu was also the shapeshifter supreme, manifesting in different forms through different time zones and worlds. Daśāvatāra is a fun retelling of stories about Lord Vishnu's ten avatars, how they manifest in the world, and how they save it. Trekking across these pages are also fearless warriors and kings, mystical and mythical creatures, powerful gods and goddesses, and powerful demons. Dazzling illustrations come together with riveting stories to truly capture the essence of a mighty god and his timeless miracles. This book includes ten stories. Ten is also the number of avatars that Lord Vishnu is supposed to...





Call No: Fiction BAS-S (Young Learners)

Evil is stalking the jungle. As tiger after tiger vanishes from Nagarhole Wildlife Reserve, despite sophisticated digital and human eyes on the ground, DFO Vinay Mishra and his team of forest officials are left puzzled. Also, what is the role of a Nawab, who is obsessed with history, in the midst of this mystery? Faced with this Murder in the Jungle while on their summer vacation, young Kabir, Tara, Vicky, Ishi, and their white hamster, Ripper, get into their best investigative mode. Can the five Mystery Hounders combine their online and onground detective skills to solve the mystery? Will they be able to track the crafty criminals, expose their nefarious plans, and save the DFO's reputation as well as the threatened tigers? Can they live up to their motto of Together we hound mysteries to ground, Nobody is...

Links to Access Library Resources / Services

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E-Resources Link: https://www.bits-pilani.ac.in/hyderabad/library/

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

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

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

