

COMPUTER

A Systems Approach

Sixth Edition



Acc. No : 47271

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Computer Networks, A Systems Approach, Sixth Edition, explores the key principles of computer networking, using real-world examples from network and protocol design. This best-selling classic textbook explains various protocols and networking technologies using the Internet as the primary example. The systems-oriented approach encourages students to think about how individual network components fit into a larger, complex system of interactions. This sixth edition contains completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, as provided by numerous contributors via a unique open-source model developed jointly by the authors and publisher. Hallmark features of the book are retained, including chapter problem...



SWARM INTELLIGENCE

Foundation, Principles, and Engineering Applications

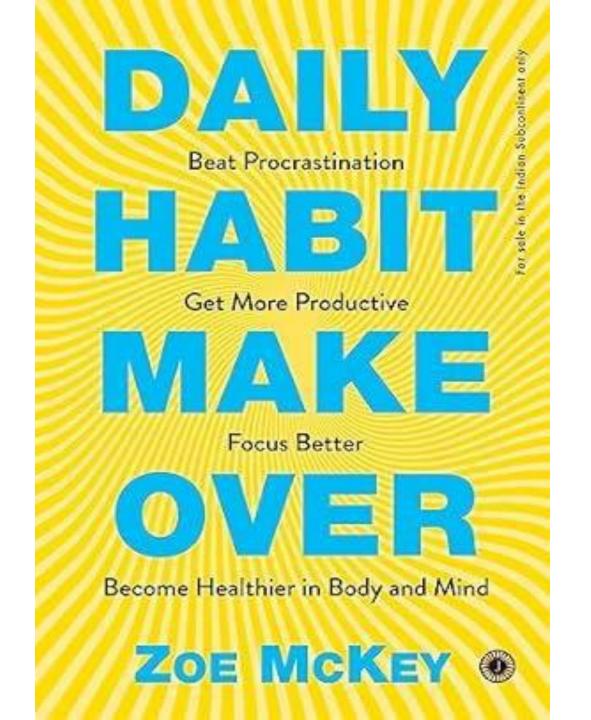
Abhishek Sharma Abhinav Sharma Jitendra Kumar Pandey Mangey Ram



Acc. No : 48513

Call No : 006.3824 SHA-A

Swarm intelligence is one of the fastest-growing subfields of artificial intelligence and soft computing. This field includes multiple optimization algorithms to solve NP-hard problems for which conventional methods are ineffective. It inspires researchers in engineering sciences to learn theories from nature and incorporate them. Swarm Intelligence: Foundation, Principles, and **Engineering Applications provides a comprehensive** review of new swarm intelligence techniques and offers of practical implementation Particle Optimization with MATLAB code. The book discusses the statistical analysis of swarm optimization techniques so that researchers can analyze their experiment design. It also includes algorithms in social sectors, oil and gas industries, and recent research findings of new...





Call No : 155.232 MCK-Z

Beat Procrastination, Get More Productive, Focus Better, Become Healthier in Body and Mind. Do you often lose focus? Convince yourself that your tasks can wait when they can't. Can't stick to new habits for more than a few weeks or days? What happens when deadlines arrive: do you start panicking so badly that you forget what day of the week it is? The time to do something about your bad habits is right now otherwise, you are in danger of never starting or finishing your chores. Learn to identify, prioritize, and focus on your most important tasks and get them done. Unlearn bad habits and build powerful, good ones. Daily Habit Makeover helps you reach your maximal productivity and greatest potential by teaching you how to think in a system that excludes procrastination. Know how to identify your most...



THE LITTLE BOOK OF SUCCESS



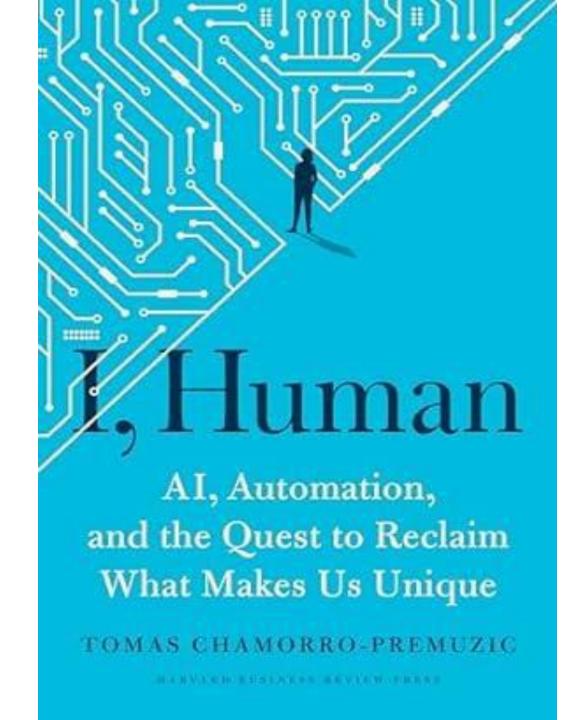
Discovering the Path to Riches



Acc. No : 48013

Call No : 158.1 HIL-N

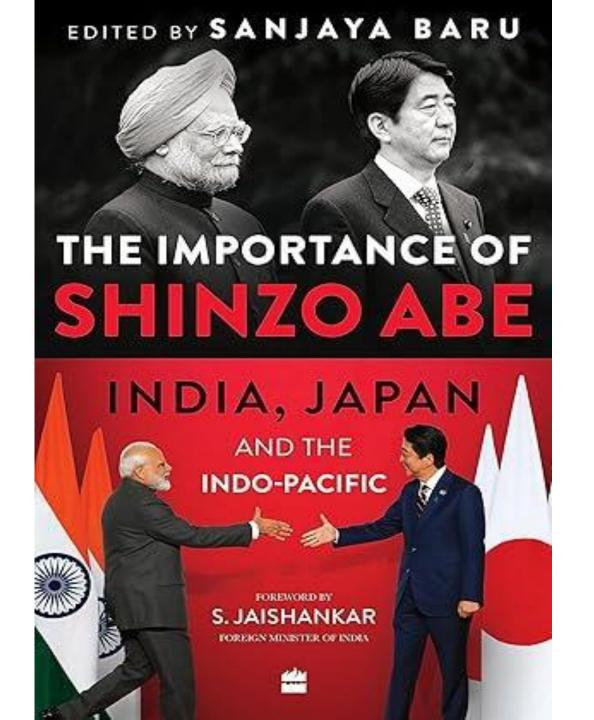
The writings and wisdom of Napoleon Hill have transformed millions of lives, making him one of the most influential writers on personal success and an incomparable bestseller. His invaluable classic, Think and Grow Rich, has guided more people to becoming millionaires and billionaires than any other book in history. Compiled by The Napoleon Hill Foundation, The Little Book of Success: Discovering the Path to Riches presents a curated collection of some of Napoleon Hill's most significant teachings in one complete volume. Drawing on published as well as previously unpublished works by Hill, the book consists of Hill's teachings presented in an accessible, bite-sized format. collection is ideal for readers who are new to Hill's work and are looking for an essential primer as well as...





Call No : 303.483 CHA-T

It's no secret that AI is changing the way we live, work, love, and entertain ourselves. Dating apps are using Al to pick our potential partners. Retailers are using AI to predict our behavior and desires. Rogue actors are using Al to persuade us with bots and misinformation. Companies are using AI to hire us or not. In I, Human psychologist Tomas Chamorro-Premuzic takes readers on an enthralling and eye-opening journey across the Al landscape. Though AI has the potential to change our lives for the better, he argues, AI is also worsening our bad tendencies, making us more distracted, selfish, biased, narcissistic, entitled, predictable, and impatient. It doesn't have to be this way. Filled with fascinating insights about human behavior and our complicated relationship with technology, I, Human will help us...





Call No : 320.1 BAR-S

Shinzo Abe, who was tragically assassinated on 8 July 2022, is widely regarded as the most influential Prime Minister of post-war Japan. Not only was he Japan's longest-serving Prime Minister, but he is also credited with giving a new direction to the country's economic, foreign, and national security policies. Abe left an indelible imprint on Japan-India relations, establishing close ties with two successive Indian Prime Ministers and signing up for a new global and strategic partnership between Asia's major democracies. He enabled a radical shift in Asian security architecture and India's external security environment by promoting the concept of the Indo-Pacific. Building on the 'Confluence of the Two Seas' in his historic address to the Indian Parliament in August 2007, Abe became the architect of the...

"Brilliantly researched and argued."



"Provocative and compelling."

"Engagingly written, and surprisingly personal."



WINNER

Career and Family

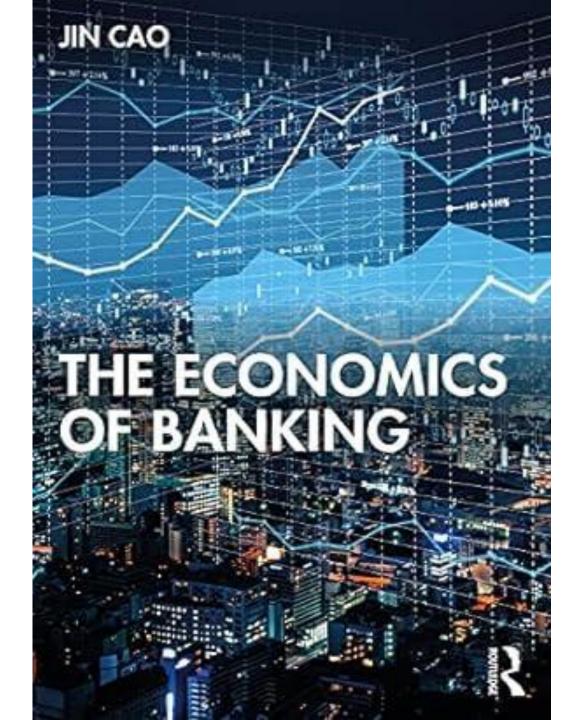
WOMEN'S CENTURY-LONG JOURNEY TOWARD EQUITY

Claudia Goldin

Acc. No : 48632

Call No : 331.4215 GOL-C

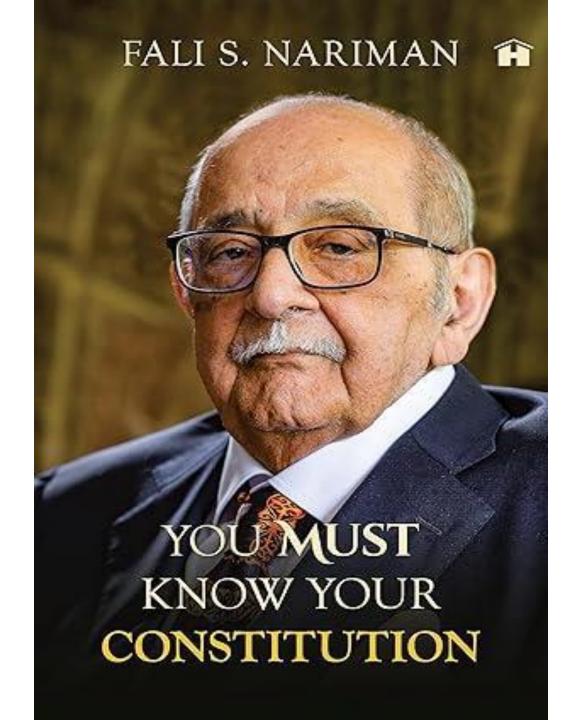
A century ago, it was a given that a woman with a college degree had to choose between having a career and a family. Today, there are more female college graduates than ever before, and more women want to have a career and family, yet challenges persist at work and home. This book traces how generations of women have responded to the problem of balancing career and family as the twentieth century experienced a sea change in gender equality, revealing why true equity for dual-career couples remains frustratingly out of reach. Drawing on decades of her groundbreaking research, Claudia Goldin provides a fresh, in-depth look at the diverse experiences of college-educated women from the 1900s to today, examining the aspirations they formed and the barriers they faced in terms of career...





Call No : 332.1 CAO-J

The Economics of Banking provides an accessible overview of banking theory and practice. It introduces readers to the building blocks of fundamental theories and guides state-of-the-art research, reflecting the dramatic changes in the banking industry and banking research over the past two decades. This textbook explores market failure and financial frictions that motivate the role of financial intermediaries, explains the microeconomic incentives and behavior of participants in banking, examines micro-level market stress caused by economic recessions and financial crises, and looks at the role of monetary authorities and banking regulators to reduce systemic fragility as well as to improve macroeconomic stability. It delivers broad coverage of both the micro and macroeconomics of...

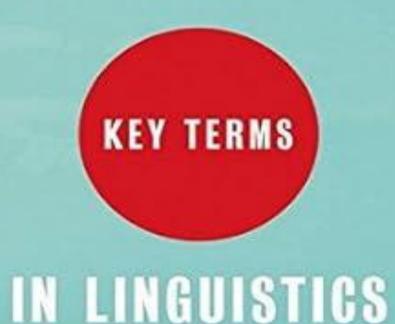




Call No : 342.54 NAR-F

26 November 1949 marks the date when the longest constitution in the world was formally adopted to guide the largest democracy in the world. It effectively transformed the British Dominion of India into one nation the independent Republic of India. The supreme law of the land set forth the workings of Indian democracy and polity, and its provisions aimed to secure justice, liberty, equality, and fraternity for the people of India. As drafted and as conceived, the constitution makes provision for a functioning democracy and not an electoral autocracy, and this is how it has to be worked. It is therefore imperative for all citizens to familiarize themselves with its provisions. In this definitive tome, the author who commenced his legal practice in the year the constitution was enacted presents his comments in...



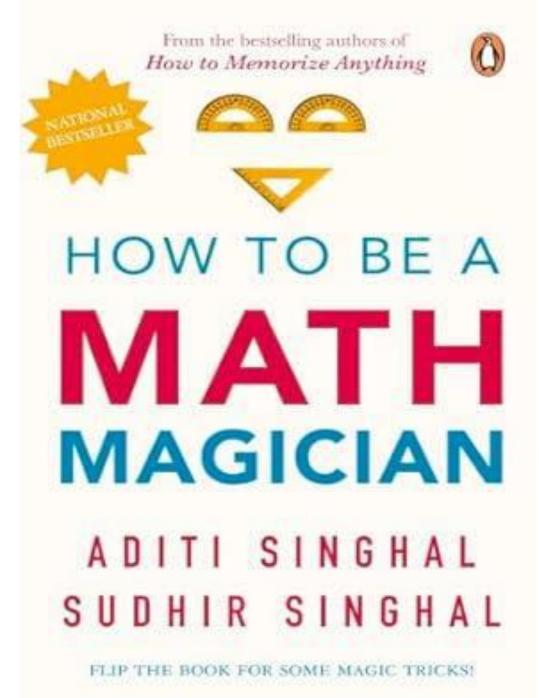


HOWARD JACKSON



Call No : 410.3 JAC-H

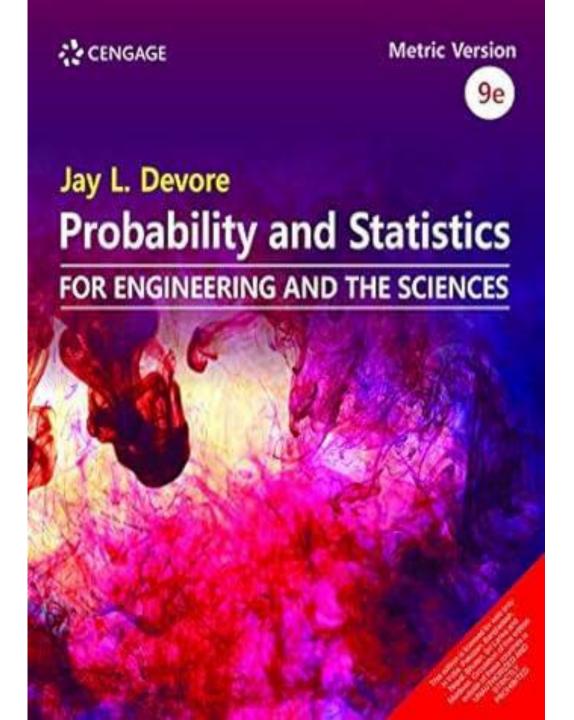
Key Terms in Linguistics explains the terms that students of linguistics and the English language are likely to encounter during their undergraduate study. The book is organized according to the modules under which linguistics is studied, starting with explanations of the terms associated with the core areas of phonetics and phonology, morphology and syntax, semantics, and pragmatics. The book also looks at more specialized option courses, which may be taken in later years of including sociolinguistics, psycholinguistics, study, applied linguistics, corpus linguistics, and discourse analysis. The final section, Schools of Linguistics, outlines the major frameworks within which linguistics is studied and the main terms associated with each of them. The book also points readers towards further...





Call No: 510 SIN-A

Mathematics is an integral part of our life but many of us think of it only as a subject to be studied in school or college. In this book, Aditi and Sudhir Singhal, renowned maths educators, demystify mathematical principles and outline fascinating, fun, and easy-tolearn techniques to excel in this field. Divided into two parts, How to Be a Mathmagician is a double-sided book flip the book around to switch between sections that pack twice the punch, with one section containing tricks and delightful activities, and the other stimulating problem-solving steps to simplify calculations, quirky maths facts and much more. Meant for all age groups-students, teachers, and parents alike, How to Be a Mathmagician will make you fall in love with the world of numbers. This book will make you...



Call No : 519.5 DEV-J

Put statistical theories into practice with probability and statistics for engineering and the sciences, 9E, metric edition. Always a market favorite, this calculus-based text offers a comprehensive introduction to probability and statistics while demonstrating how professionals apply concepts, models, and methodologies in today's engineering and scientific careers. Jay Devore, an awardwinning Professor and internationally recognized author and statistician, stresses lively examples and engineering activities to drive home the numbers without exhaustive mathematical development and derivations. Many examples, practice problems, Sample tests, and simulations based on real data and issues help you build a more intuitive connection to the material. A proven and accurate text, probability, and statistics for...



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Principles and Practice of Modern Chromatographic Methods



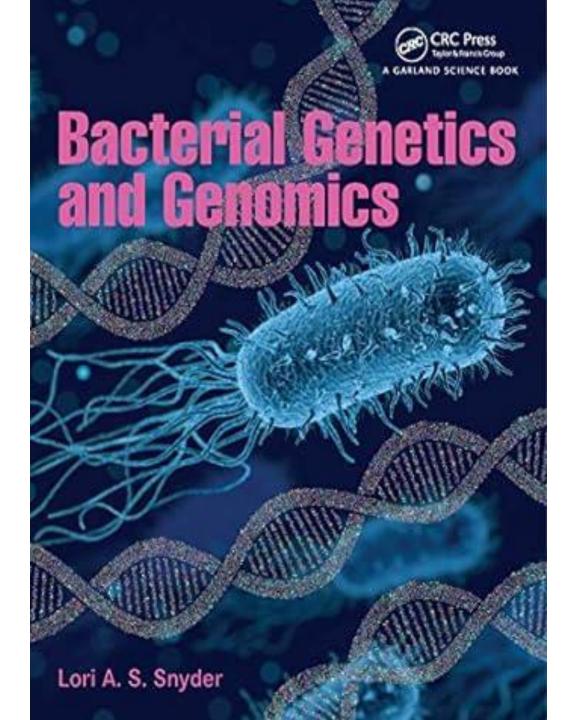
Kevin Robards Danielle Ryan



Acc. No : 48415

Call No : 544.92 ROB-K

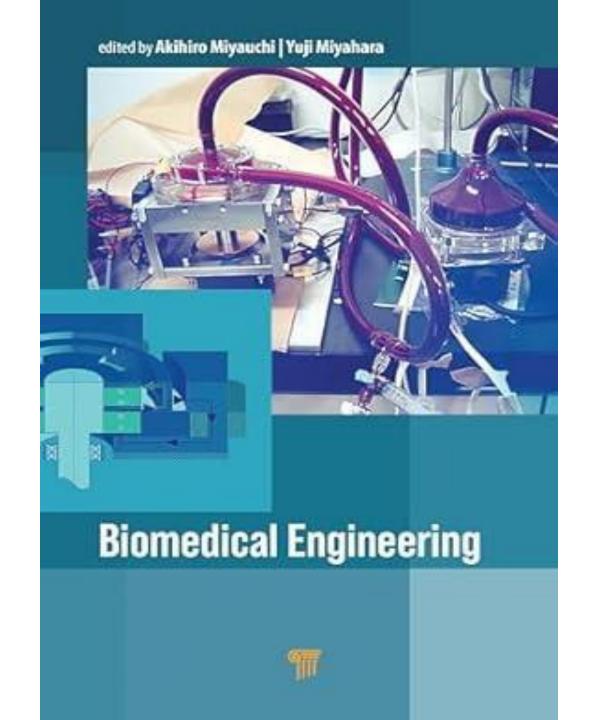
Principles and Practice of Modern Chromatographic Methods, Second Edition takes a comprehensive, unified approach in its presentation of chromatographic techniques. Like the first edition, the book provides a scientifically rigid, but easy-to-follow presentation of chromatography concepts that begins with the purpose and intent of chromatographic theory the what and why that are left out of other books attempting to cover these principles. This fully revised second edition brings the content up-to-date, covering recent developments in several new sections and an additional chapter on composite methods. New topics include sample profiling, sample preparation, sustainable green chemistry, 2D chromatography, miniaturization nano-LC, HILIC, and more. Contains thorough chapters that...





Call No : 579.3135 SNY-L

Our understanding of bacterial genetics has progressed as the genomics field has advanced. Genetics and genomics complement and influence each other; they are inseparable. Under the novel insights from genetics and genomics, once-believed borders in biology start to fade: biological knowledge of the bacterial world is being viewed in a new light and concepts are being redefined. Species are difficult to delimit and relationships within and between groups of bacteria the whole concept of a tree of life is hotly debated when dealing with bacteria. The DNA within bacterial cells contains a variety of features and signals that influence the diversity of the microbial world. This text assumes readers have some knowledge of genetics and microbiology but acknowledges that it can be...



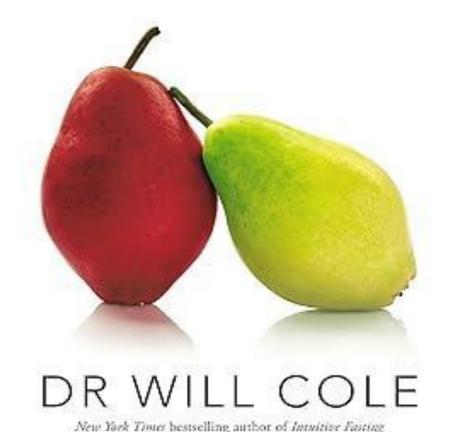


Call No : 610.28 MIY-A

Several developed countries are facing serious problems in medical environments owing to the aging society, and the extension of a healthy lifetime has become a big challenge. Biomedical engineering, in addition to life sciences and medicine, can help tackle these problems. Innovative technologies concerning minimally invasive treatment, prognosis and early diagnosis, point-of-care testing, regenerative medicine, and personalized medicine need to be developed to realize a healthy aging society. This book presents cutting-edge research in biomedical engineering from materials, devices, imaging, and information perspectives. The contributors are senior members of the Research Center for Biomedical Engineering, supported by the Ministry of **Education, Culture, Sports, Science and...**

Gut Feelings

Healing the Shame-Fuelled Relationship Between What You Eat and How You Feel



FOREWORD BY DR NICOLE LEPERA, THE HOLISTIC PSYCHOLOGIST

innovate achieve lead

Acc. No : 48378

Call No : 616.3 COL-W

Working with Will Cole has changed my health and life. Gut Feelings offers a highly effective, intuitive, and softer way to reset and reconnect your body and emotions. Like everything Will does, it's informative and healing. Gwyneth Paltrow, founder and CEO of Goop. A paradigm-shifting way to truly understand the inherent and foundational connection between our body and mind It will shift how you think, how you eat, and ultimately how you exist in the world. Dr. Nicole Lepera the Holistic Psychologist and New York Times bestselling author of How to Do the Work. It's easy to become overwhelmed when it comes to nutrition and health. With so much focus on what, when, and how to eat, the emotional impact of eating often gets left behind. Now, Dr Will Cole sheds light on the relationship between...



Biofiller-Reinforced Biodegradable Polymer Composites



Edited by

R. Jumaidin

S. M. Sapuan

H. Ismail

Acc. No : 48528

Call No : 620.1923 JUM-R

Presenting a comprehensive overview of the field, **Biofilter-Reinforced Biodegradable Polymer Composites** examines biodegradable composites derived from biofilter and biodegradable polymers while providing information for the efficient use of critical biocomposites developed from natural resources. Discusses advanced techniques for the use of both biofilter and biodegradable polymers as the matrix for composites. Highlights application of both natural fiber and natural matrix for composites in the development of environmentally friendly and sustainable materials. Introduces the basics of biocomposites, the processing and characteristics of new composite materials, and new combinations of composites such as soy protein and nanocellulose. Elaborates on the introduction of new...



Lithium-Ion Batteries and Solar Cells

Physical, Chemical, and Materials Properties

Edited by

Ming-Fa Lin Wen-Dung Hsu Jow-Lay Huang





Acc. No : 48521

Call No : 621.31242 LIN-M

Lithium-Ion Batteries and Solar Cells: Physical, Chemical, Materials Properties presents a thorough and investigation of diverse physical, chemical, and materials properties and special functionalities of lithium-ion batteries and solar cells. It covers theoretical simulations and high-resolution experimental measurements that promote a full understanding of the basic science to develop excellent device performance. Employs first principles and the machine learning method to fully explore the rich and unique phenomena of cathode, anode, and electrolyte solid and liquid states in lithiumion batteries. Develops distinct experimental methods and techniques to enhance the performance of lithiumion batteries and solar cells. Reviews syntheses, fabrication, and measurements. Discusses open issues...





Hydraulics in Civil and Environmental Engineering Sixth Edition

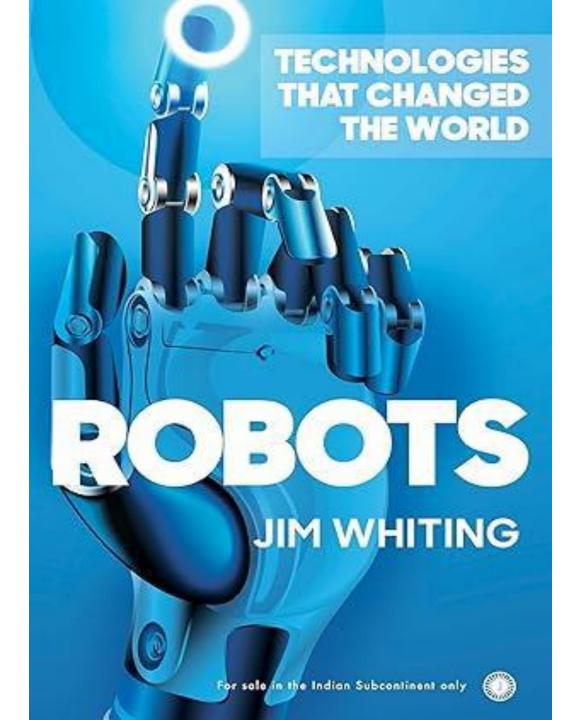


Andrew Chadwick John Morfett Martin Borthwick

Acc. No : 48500

Call No : **627 CHA-A**

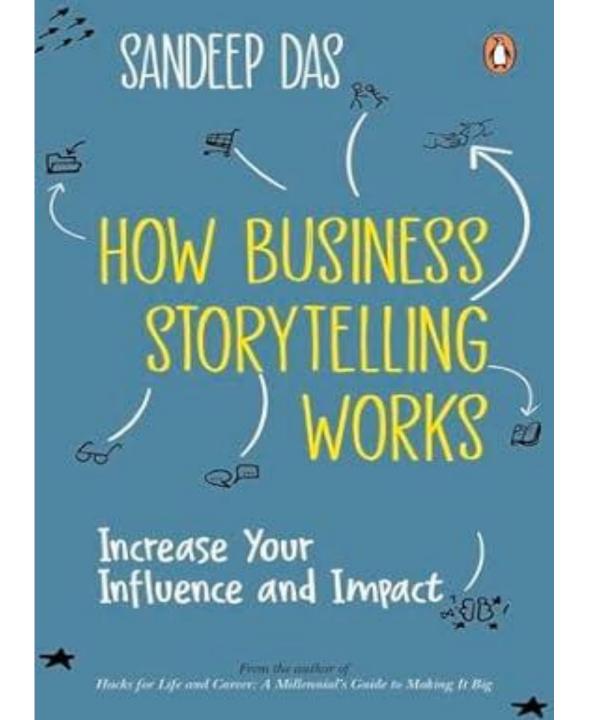
This classic text, now in its sixth edition, combines a thorough coverage of the basic principles of civil engineering hydraulics with a wide-ranging treatment of practical, real-world applications. It now includes a powerful online resource with worked solutions for chapter problems and solution spreadsheets for more complex problems that may be used as templates for similar issues. Hydraulics in Civil and Environmental Engineering is structured into two parts to deal with principles and more advanced topics. The first part focuses on fundamentals, such as hydrostatics, hydrodynamics, pipe and open channel flow, wave theory, physical modeling, hydrology, and sediment transport. The second part illustrates engineering applications of these principles to pipeline system...





Call No : 629.8 WHI-J

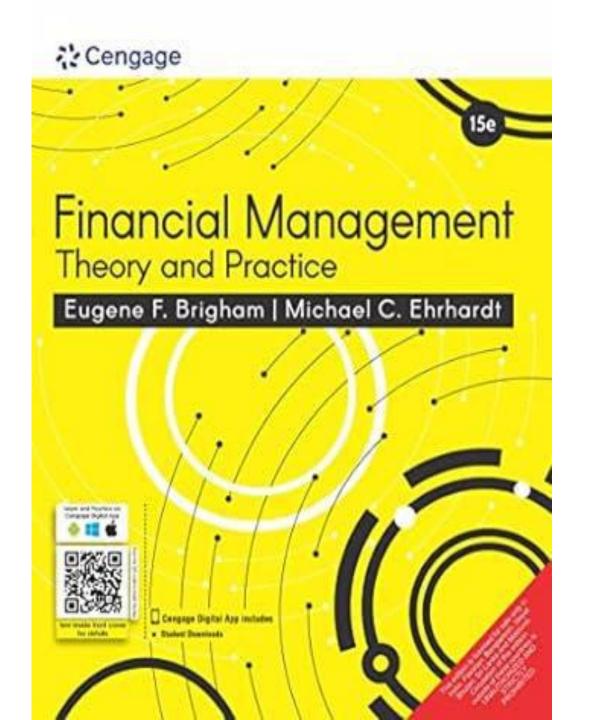
Discover the fascinating world of robots where cuttingtechnology meets ceaseless edge imagination. Technologies that changed the world, Robots open the door to the fascinating world of robotics where technology reigns supreme. Author Jim Whiting shares the captivating story of machines designed to carry out complex actions automatically, driven by the everadvancing realm of computer programming. From their humble beginnings to the cutting-edge advancements of today, this book meticulously traces the development of key innovations that have shaped the world we know. As you journey through these pages, prepare to be inspired by the common applications of robotic technology, making once-impossible tasks commonplace. Peer into the future and meet the...





Call No : 650 DAS-S

The answer to both is storytelling. Business storytelling is the number one skill you need to succeed in your professional lives amidst all the noise, competition, and massive technological disruption. In this book, Sandeep looks at human evolution, behavioral psychology, and the world of movies to identify the golden principles of storytelling. Whether you are a corporate professional, an entrepreneur, a tech guru, a marketer, a strategy consultant, a social media influencer, or a student, the book tells you how to succeed in the REAL world. Sandeep brings in nuggets from his numerous storytelling workshops at leading corporates and business schools, and intersperses them with illustrations and hordes of popular culture references, making the book as engaging as a good story, So...





Call No : 658.15 BRI-E

The only text to strike a balance between solid financial theory and practical applications, Brigham and Ehrhardt Financial Management, Theory and Practice, 15 edition gives you a thorough understanding of the essential concepts you need to develop and implement effective financial strategies. The book begins with a presentation of corporate finance fundamentals before progressing to discussions of specific techniques used to maximize the value of a firm. It also explores the recent financial and economic crises and the role of finance in the business world. With its relevant and engaging presentation, numerous examples, and emphasis on Excel usage, this text serves as a complete reference tool for you in your academic or business career. Our emphasis throughout the book is on the actions that managers can and...



Biodiesel Fuels

Science, Technology, Health, and Environment

Volume 1

Edited by Ozcan Konur

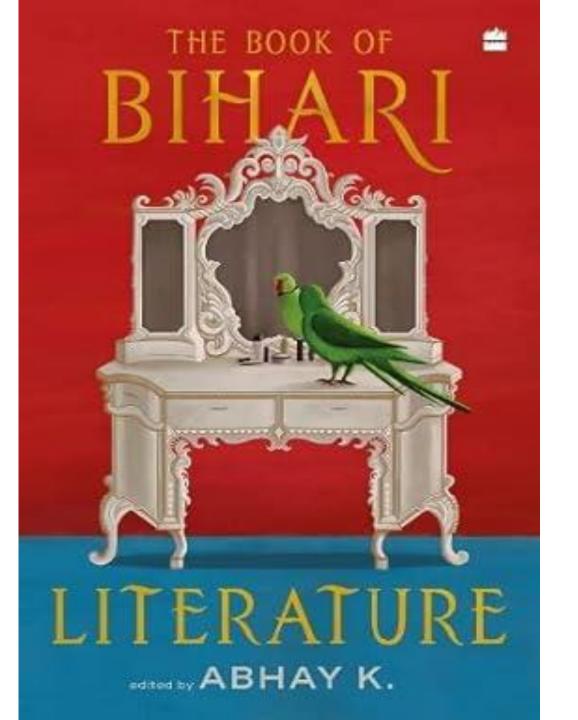




Acc. No : 48530

Call No : 665.37 KON-O

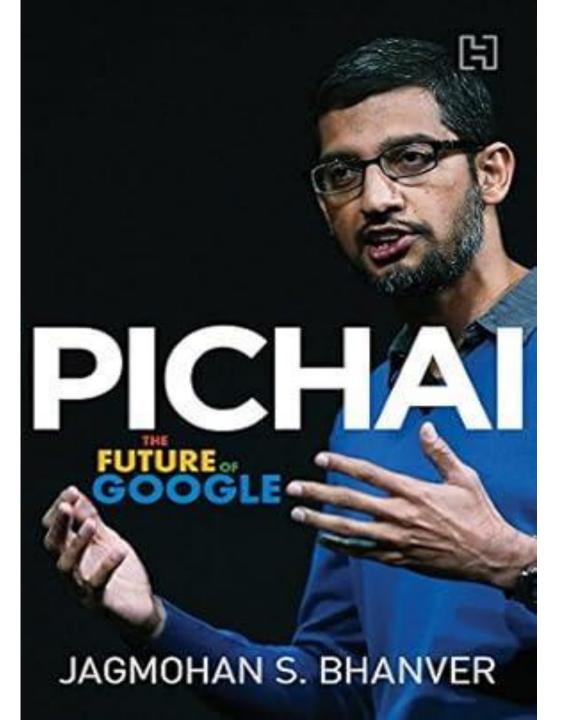
This first volume of the Handbook of Biodiesel and Petro diesel Fuels presents a representative sample of the population papers in the field of biodiesel fuels in general. Part I provides an overview of the research field on both biodiesel and Petro diesel fuels highlighting primary and secondary research fronts in these fields. Part II presents a representative sample of the population papers in the field of biooils covering major research fronts. The research on the biooils is a fundamental part of the research on biodiesel fuels. The research in this field has intensified in recent years with the application of advanced catalytic technologies and nanotechnologies in both production and upgrading of biooils. It covers pyrolysis, hydrothermal liquefaction, and upgrading, and characterization and properties of...



Call No : 820 KUM-A

The Book of Bihari Literature is a vibrant collection of writings, poems, essays, and stories that have flowed from the pens of the great poets, thinkers, and writers across millennia, who were born or lived in what is modern-day Bihar. This book makes accessible to **English-speaking readers the bounty of Bihari literature** and brings to the fore works in neglected languages by ancient philosophers and celebrated contemporary authors alike. A family is unable to decide whether a parrot who has landed in its garden is a Hindu or a Muslim. A courtesan loses her ancestral mirror to rioters. The family that now possesses it finds itself transformed. Mutta celebrates her freedom from domestic drudgery. Hira Dom berates the caste system. Over the centuries, many great empires and...

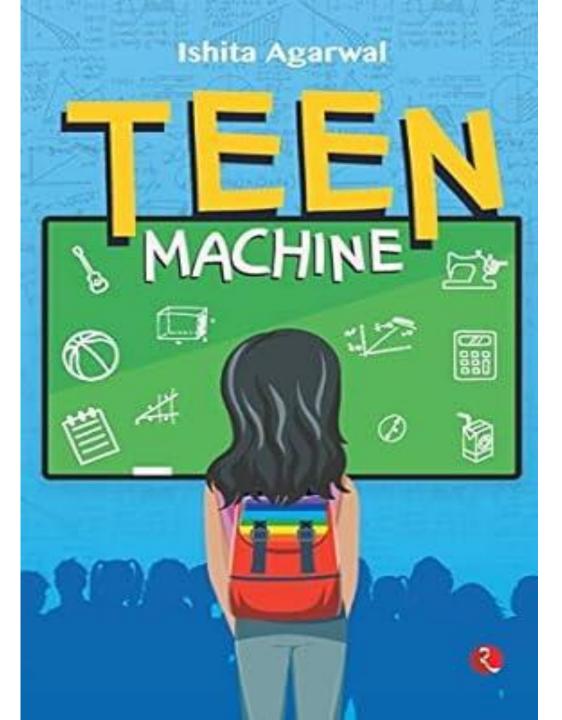




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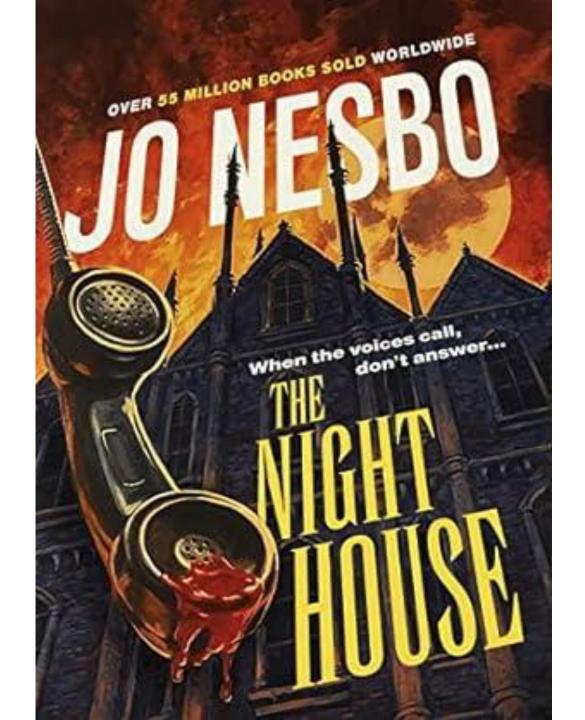
On 10 August 2015, an unassuming product expert who learnt his ropes at IIT Kharagpur was declared the next **CEO** of tech giant Google. Sundar Pichai's appointment was hardly an unexpected one. Pichai is a man known as much for his veritable Midas touch with every product he has developed for Google Chrome, Chrome OS and Android to just name a few as for his superlative people skills and calm approach to innovation and creativity. Yet, the company's decision to restructure its product lines and Pichai's appointment as the head of a leaner, more focused Google, has raised inevitable questions: What does Pichai's role indicate for the future of the tech giant? Will Google consolidate its position for existing products or will they focus on creating new ones? And will Pichai transform the organization that...





Call No : Fiction AGA-I

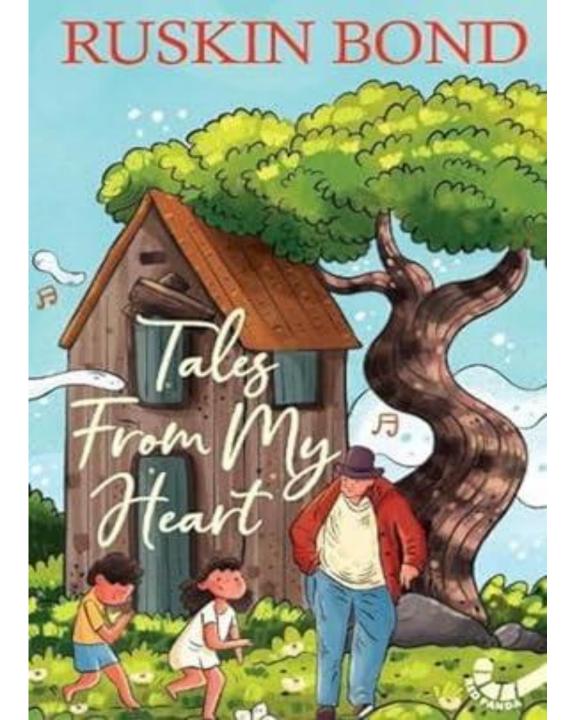
Why did everything seem so demanding, all of a sudden? And why did it seem to be easy for everyone else? Those Shark people were laughing at the difficulty level of the test. Was I even made for this? The 1 percent that I was trying to fit into, how would I ever get there? I could finally feel the dread catching up. The dread that had been following me throughout tenth grade, and I'd ignored it throughout. The dreadful feeling of knowing that I wasn't smart. Avani, a tenthgrade student, has been living in a bubble she gets top grades at school, loves to read, and spends way too much time on her laptop, despite her mother's disapproving glares. Her life seems perfect until she is faced with the consequences of a life-altering decision: she decides to prepare for one of the most competitive...





Call No : Fiction NES-J

In the wake of his parents' tragic deaths in a house fire, fourteen-year-old Richard Elauved has been sent to live with his aunt and uncle in the remote, insular town of Ballantyne. Richard quickly earns a reputation as an outcast, and when a classmate named Tom goes missing, everyone suspects the angry new boy is responsible for his disappearance. No one believes him when he says the telephone booth out by the edge of the woods sucked Tom into the receiver like something out of a horror movie. No one, that is, except Karen, a beguiling fellow outsider who encourages Richard to pursue clues the police refuse to investigate. He traces the number that Tom prank-called from the phone booth to an abandoned house in the Black Mirror Wood. There he catches a glimpse of a terrifying face in the...

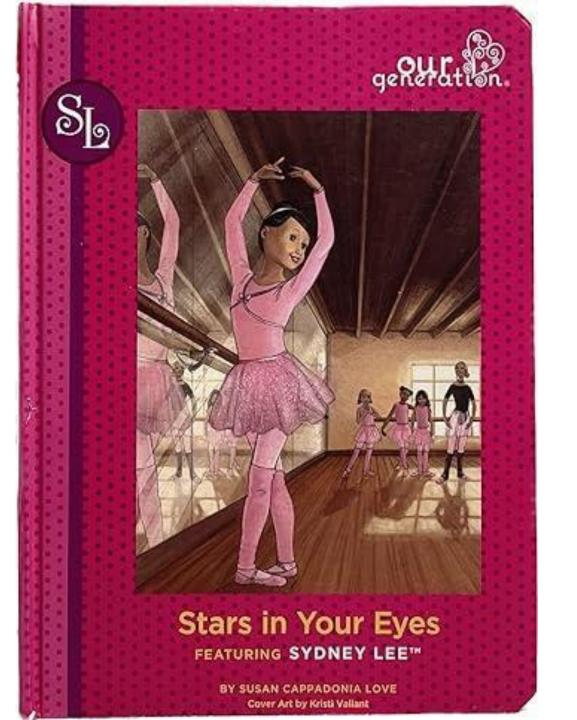




Call No: Fiction BON-R (Young Learner)

Special offer! Get a digitally signed copy of the book. Miss Kellner has a tin of biscuits that fascinates little Ruskin. And granny's cat is just so full of attitude. Oh, and have you heard about the famous playback singer from Mumbai who sang for the ghost of the maestro Tansen? Ruskin Bond's charming life has been anything but ordinary. In this wonderful collection, he scours through his memories to come away with tales that celebrate life, its myriad splendors and many lessons; spectacular wonders of nature; stories of ghosts; and the surprising friendships between animals and people. Tales from My Heart, written in Bond's inimitable style, is peppered with his trademark warmth and wit. Vividly illustrated by Sumouli Dutta, this is a gift for all readers, big and small a family treasure to return to with joy and affection over the years. Ruskin Bond is India's most...





Call No: Fiction LOV-S (Young Learner)

Stan, Stan the magic man is the best TV show on the planet. And it's what all the fourth graders in Sydney Lee's class are talking about. Stan the Man will be attempting his most dangerous stunt yet cooking pancakes while balancing on a tightrope over the Galooga Gorge. Will he be able to pull it off? Everyone who's anyone at Cedar Springs Elementary School will be watching to find out. Everyone, that is except Sydney Lee. Just as stan's about to begin this hair-raising highwire act, Sydney Lee's TV goes kaput. Then things go from bad to worse. Her mom and dad decide to try a family experiment weeknights will be a TV-free zone at Sydney Lee's house. Her classmates are beginning to think she's weird. Plus, she's five steps behind everyone else in ballet class. Then along comes a big decision...

Links to Access Library Resources / Services

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

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

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