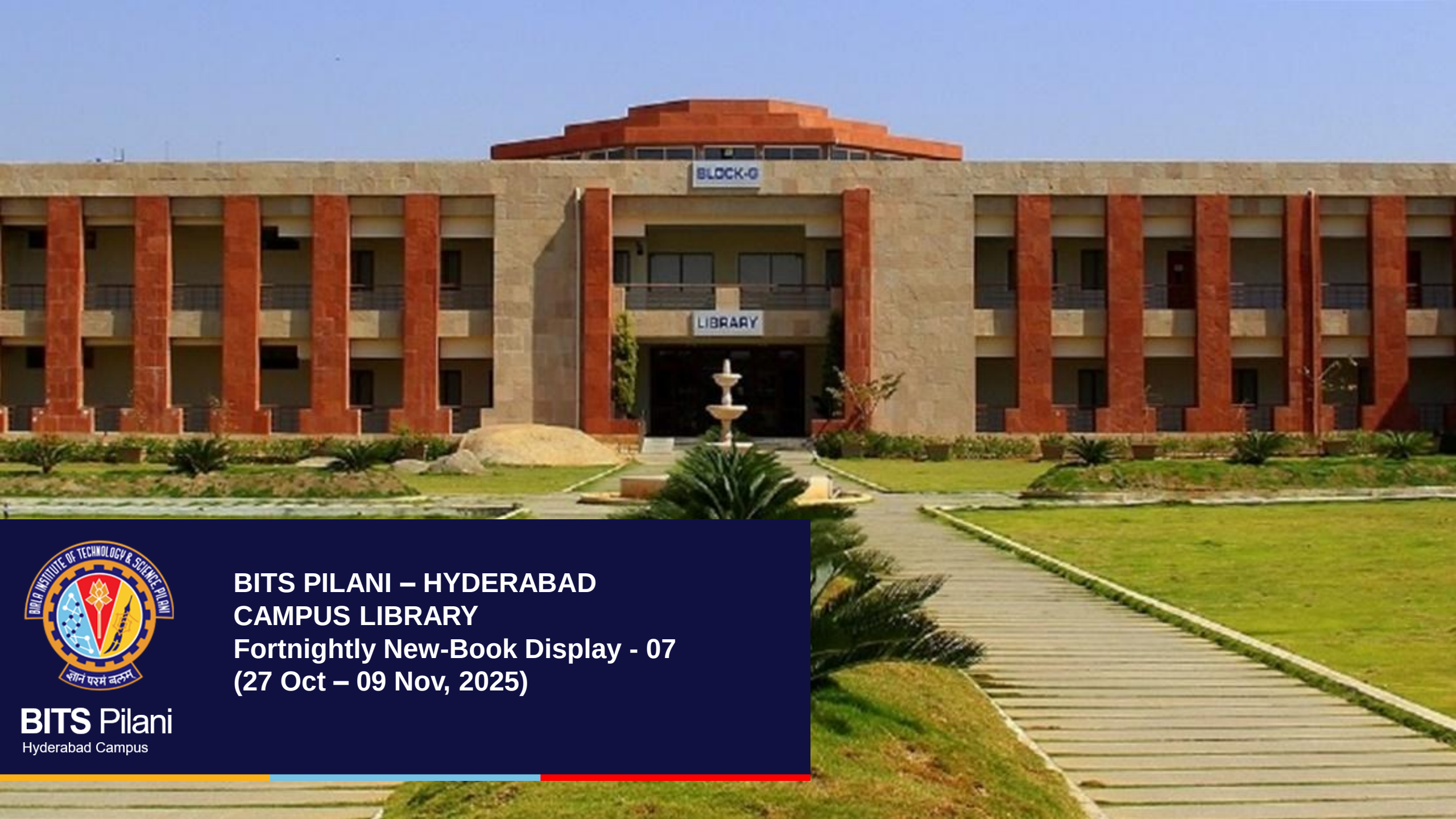




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KAI CHEN
QIANG YANG

Privacy-preserving Computing

for Big Data
Analytics
and AI



Acc. No : 49927

Call No : 005.8 CHE-K

Privacy-preserving computing aims to protect the personal information of users while capitalizing on the possibilities unlocked by big data. This practical introduction for students, researchers, and industry practitioners is the first cohesive and systematic presentation of the field's advances over four decades. The book shows how to use privacy-preserving computing in real-world problems in data analytics and AI, and includes applications in statistics, database queries, and machine learning. The book begins by introducing cryptographic techniques such as secret sharing, homomorphic encryption, and oblivious transfer, and then broadens its focus to more widely applicable techniques such as differential privacy, trusted execution environment, and federated...

DEEP LEARNING FOR PERSONALISED HEALTHCARE SERVICES

*Edited by Vishal Jain, Jyotir Moy Chatterjee,
Hadi Hedayati et al.*

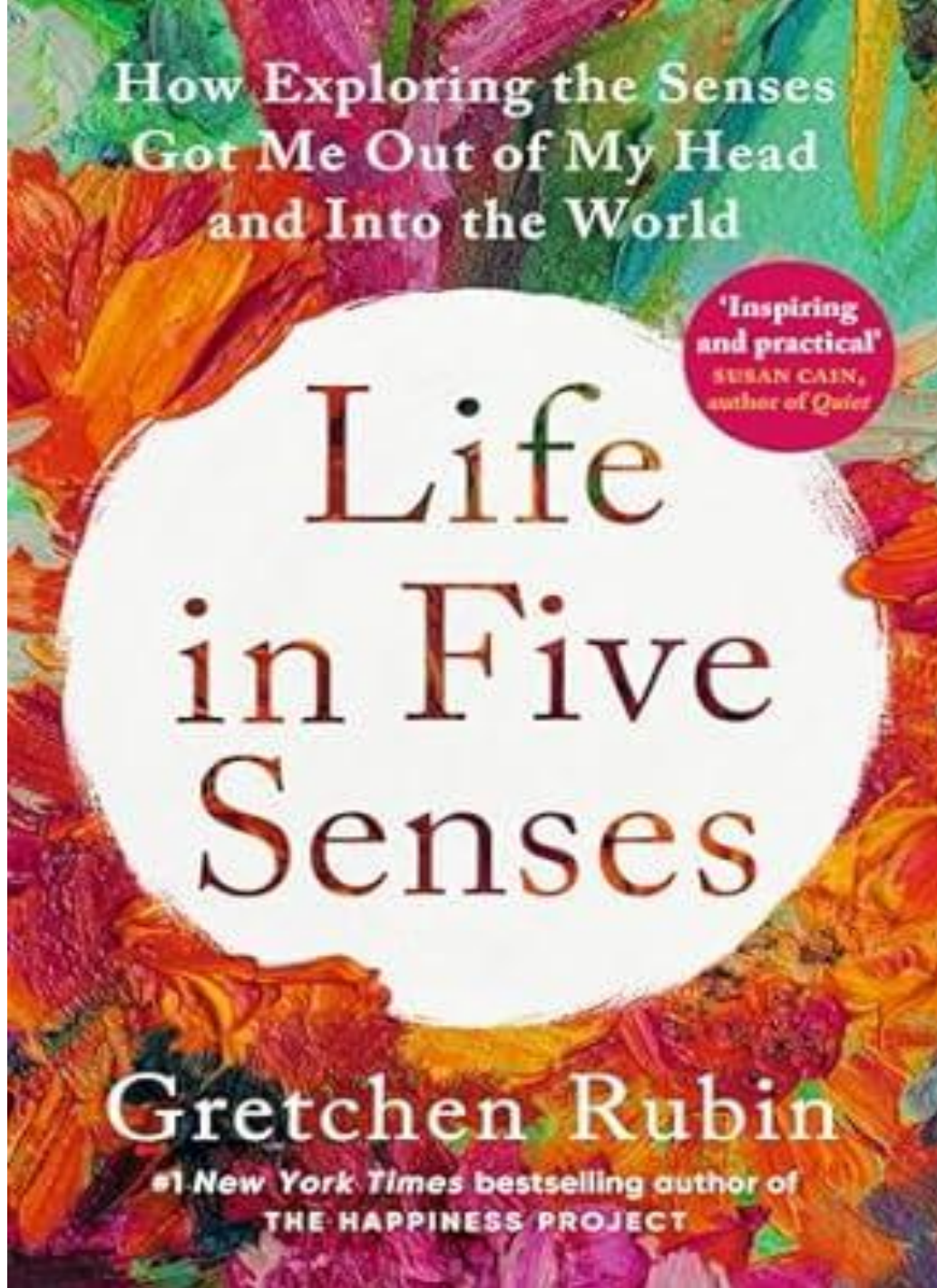
INTELLIGENT BIOMEDICAL DATA ANALYSIS



Acc. No : 49950

Call No : 006.3 JAI-V

This book uncovers the stakes and possibilities involved in realising personalised healthcare services through efficient and effective deep learning algorithms, enabling the healthcare industry to develop meaningful and cost-effective services. This requires effective understanding, application and amalgamation of deep learning with several other computing technologies, such as machine learning, data mining, and natural language processing. This book is being formulated with the intent to uncover the stakes and the possibilities that are involved in realizing personalized healthcare services through efficient and effective DL algorithms. In this book, we will try to explore the impacts of DL for personalized healthcare services and we will try to point out the challenges faced by the healthcare industry...



Acc. No : 49286

Call No : 152.14 RUB-G

For more than a decade, Gretchen Rubin had been studying happiness and human nature. Despite all she'd learned, she began to realize that something was missing: she was spending so much time stuck in her head that she wasn't noticing the world around her. In this journey of self-experimentation, Rubin explores the mysteries and joys of embracing the senses as a path to a happier, more mindful life: from the simple pleasures of appreciating ketchup and adding favourite songs to a playlist, to practicing daily rituals and attending Flavor University, she discovers the power of tuning in. Life in Five Senses is filled with profound insights and practical suggestions about how to heighten our senses and live fuller, richer lives and, ultimately, how to move through the world with more vitality and love. How exploring ...

THE EQUATION OF SUCCESS



Mc
Graw
Hill
Education

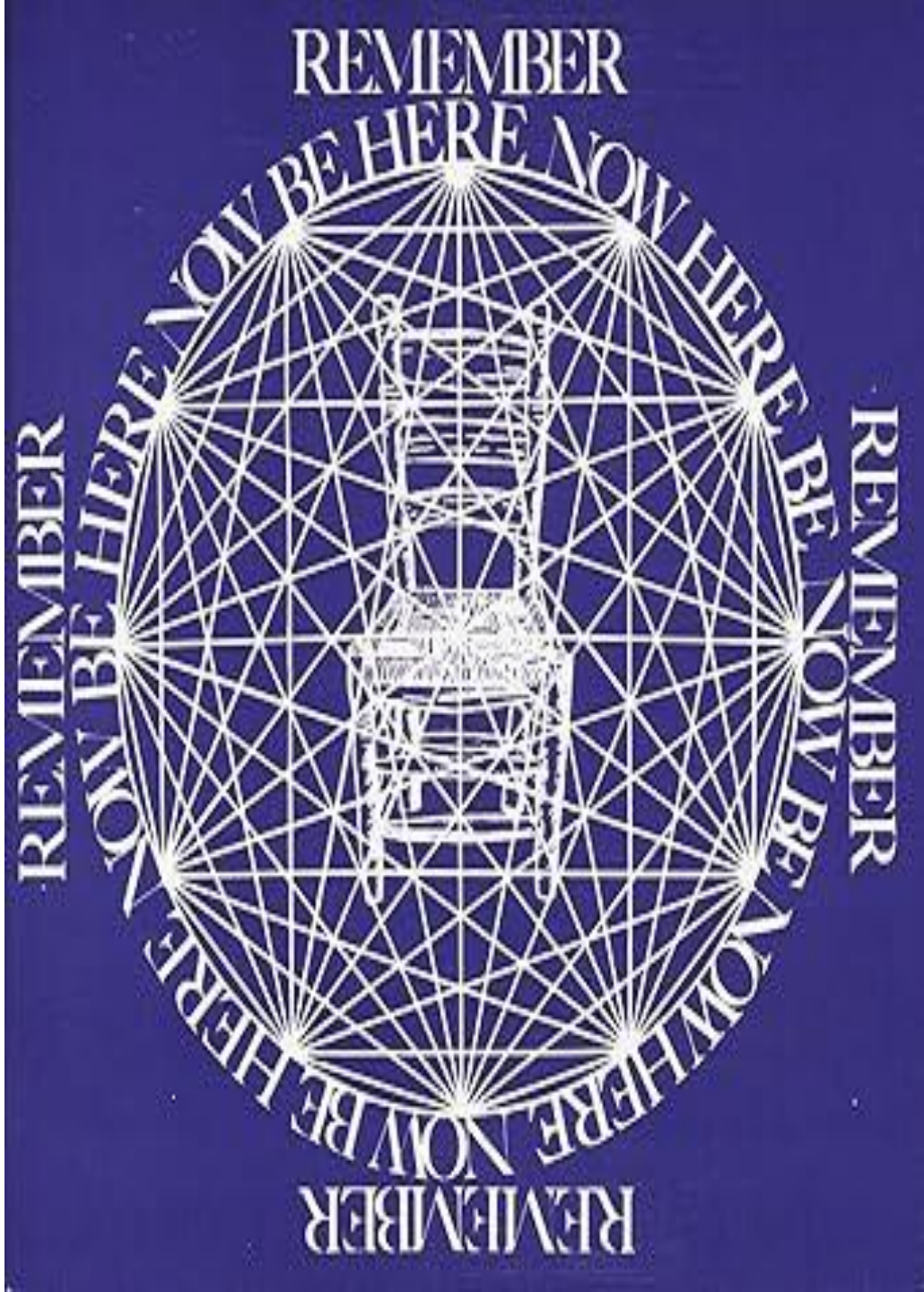
ARUN SHARMA



Acc. No : 48773

Call No : 158.1 SHA-A

This book presents the technique to identify and change the most important attribute of a person's belief system. It offers simple-to-follow guidelines to understand success as a '2 + 2 = 4 equation'. Real-life scenarios from various walks of life, including sports, entertainment, and management, motivate the readers to find out how to pursue their passion in life by identifying and altering their beliefs. Written in a simple conversational style, this book will be useful for students and career aspirants. The book will serve as a reader's step-by-step guide to success. It is the book that readers would want to keep coming back to, to work out what needs to be done whenever they face challenges in life. Success means many things to many people. Sought by everyone, yet the majority of people find it elusive and...



Acc. No : 49729

Call No : 294.5 DAS-R

Be Here Now by Ram Dass discusses elaborately about the basic themes and philosophies of spirituality, meditation, and yoga. The book is divided into four sections, and it is narrated from the transformation of Dr Richard Alpert, PhD, up to the painted cakes section, which recommends other books that are related to the same subject. Dr Richard, after years of teaching at Harvard, realized that there is more to psychology than mere theories and justifications. Hence, for learning that underlying truth, he travelled to India. He has presented the book in a very creative manner. It has no page numbers, also the text and the pages are mostly in blue, brown, and white color. The contents are a summary of the practical experiments and realizations of spiritualism that he learned from his guru. The first...



Acc. No : 49243

Call No : 305.550973 TIM-S

The late Scott Timberg championed artists earnestly and relentlessly, with empathy and persistence. An award-winning writer for the Los Angeles Times and many other publications, he was one of the first to sound the alarm on the escalating economic challenges that have faced creative workers in the twenty-first century. He ultimately became a victim of the culture crash he chronicled, but his own words form a valuable window onto the cultural shifts that have upended creative traditions and expectations. Timberg had a knack, as Ted Gioia writes in his introduction, for finding the best in the cultural scene on the dream coast. Drawn from across his career, the passionate and wide-ranging reflections in this book span West Coast jazz and Gustavo Dudamel's LA Philharmonic, the early films of...

AUTOCRATS

Charisma, Power, and Their Lives

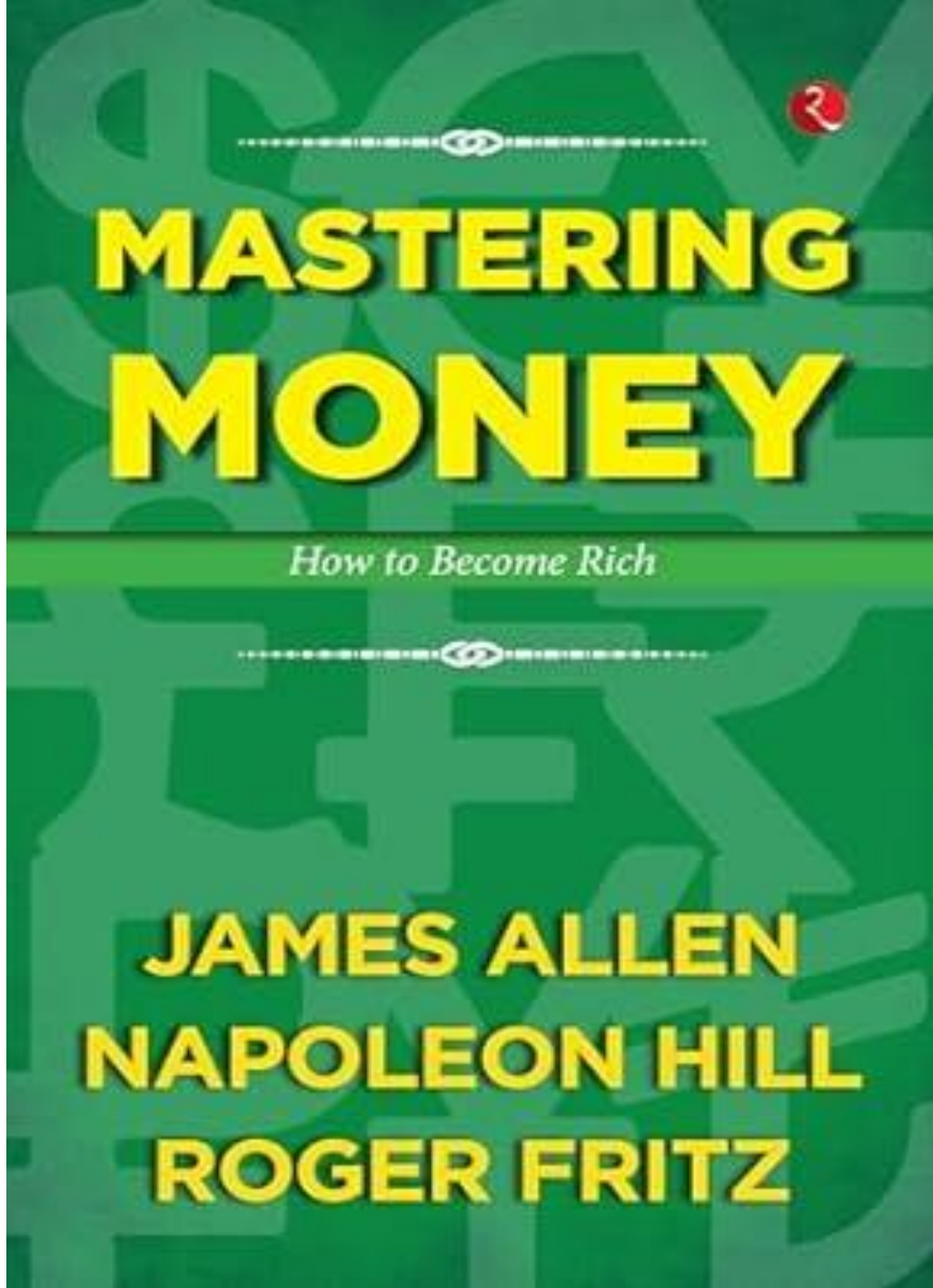
RAJIV DOGRA



Acc. No : 49397

Call No : 327 DOG-R

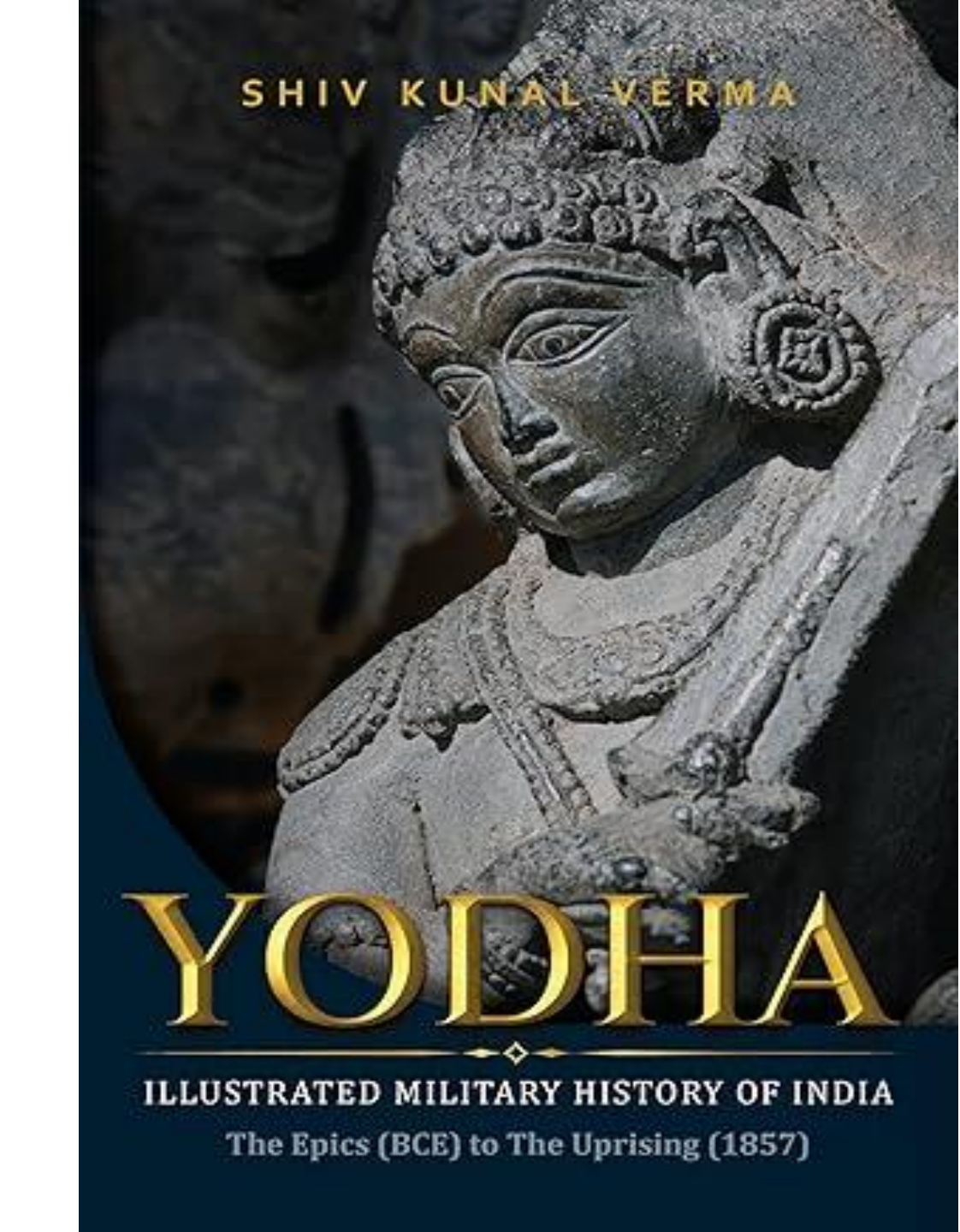
Seldom before in the history of the world has rage been so global in scale. Authoritarian leaders are largely to blame for this dangerous pass, their brutal surgery on the masses without administering anesthesia. Sadly, we do not know enough about them and their chillingly effective ways. Autocrats' Charisma, Power, and Their Lives fills that gap with real-life situations of how an authoritarian's cult takes hold, grows, and sustains itself. It describes grippingly their personality, their psychological make-up, and their private lives. The book sketches, step by step, the roadmap to tyranny from the earliest times to now, and poses questions that people are afraid to ask, Are autocrats born bad? Are their brains wired differently from ours? What makes strongmen the evil they become? Do they leave their...



Acc. No : 49403

Call No : 332.04 ALL-J

Mastering Money, How to Become Rich is an unparalleled treasure trove of wisdom, featuring chapters penned by self-help luminaries like James Allen, Napoleon Hill, and Roger Fritz. Within its pages, these visionaries converge to unveil timeless principles guiding financial mastery. From cultivating a wealth mindset to strategic planning and execution, this book is a comprehensive guide to transforming finances. Each chapter is a beacon of inspiration, offering invaluable insights and strategies for those seeking to elevate their financial status and master the art of wealth creation. Curated and compiled from the works of the author. The visionaries, the dreamers, hold a sacred role as the guardians and saviors of our world's essence. Just as the tangible world finds its sustenance in the intangible, so...



SHIV KUNAL VERMA

YODHA

ILLUSTRATED MILITARY HISTORY OF INDIA

The Epics (BCE) to The Uprising (1857)

innovate

achieve

lead

Acc. No : 49217

Call No : 355.00954 VER-S

The military history of Bharat is as panoramic and vast as the Indian subcontinent in which it is rooted. It is epic literally and figuratively as the Ramayan and the Mahabharat unfold. It is magnificent, heroic, and heart-wrenching. Above all, it has transformed India's rise into a formidable world power. Few books have attempted to embrace this panorama between their covers, none visually. Yodha, Illustrated Military History of India is the first work to bring this rich military history alive through over 1,600 stunning illustrations, paintings, and photographs. Painstakingly written and put together by the eminent military historian Shiv Kunal Verma, this book covers the period from the Epic BCE to the Uprising of 1857. This masterly work deserves a place on every bookshelf of the student or teacher, soldier or civilian...



Acc. No : 49904

Call No : 501 JEN-H

Ecosystems, the human brain, ant colonies, and economic networks are all complex systems displaying collective behavior, or emergence, beyond the sum of their parts. Complexity science is the systematic investigation of these emergent phenomena, and stretches across disciplines, from physics and mathematics to biological and social sciences. This introductory textbook provides detailed coverage of this rapidly growing field, accommodating readers from a variety of backgrounds and with varying levels of mathematical skill. Part I presents the underlying principles of complexity science to ensure students have a solid understanding of the conceptual framework. The second part introduces the key mathematical tools central to complexity science, gradually developing the...



Differential Equations

An Introduction to Basic Concepts,
Results and Applications

Third Edition

Ioan I Vroble



Acc. No : 49881

Call No : 515.35 VRA-I

This book presents, in a unitary frame and from a new perspective, the main concepts and results of one of the most fascinating branches of modern mathematics, namely differential equations, and offers the reader another point of view concerning a possible way to approach the problems of existence, uniqueness, approximation, and continuation of the solutions to a Cauchy problem. In addition, it contains simple introductions to some topics which are not usually included in classical textbooks: the exponential formula, conservation laws, generalized solutions, Caratheodory solutions, differential inclusions, variational inequalities, viability, invariance, and gradient systems. In this new edition, some typos have been corrected and two new topics have been added...

PROBLEMS AND SOLUTIONS IN UNIVERSITY PHYSICS

Optics,
Thermal Physics,
Modern Physics

Fuxiang Han



Acc. No : 49888

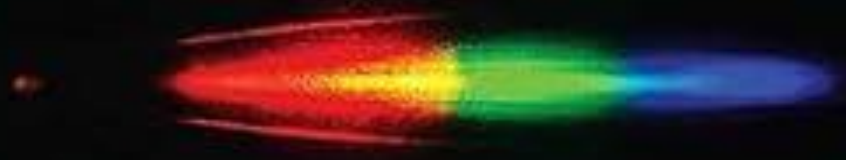
Call No : 530 HAN-F

This book is the solution manual to the textbook 'A Modern Course in University Physics'. It contains solutions to all the problems in the aforementioned textbook. This solution manual is a good companion to the textbook. In this solution manual, we work out every problem carefully and in detail. With this solution manual used in conjunction with the textbook, the reader can understand and grasp the physics ideas more quickly and deeply. Some of the problems are not purely exercises; they contain the extension of the materials covered in the textbook. Some of the problems contain problem-solving techniques that are not covered in the textbook. The purpose of writing this book is to help the reader learn introductory physics as offered in a course on university physics. Using this book can expedite the...



Guang S. He • Song H. Liu

Advanced Nonlinear Optics



 World Scientific

Acc. No : 49884

Call No : 535.2 HE-G

The advent of the laser in 1960 was the most important event in the history of modern optics. As an intense, coherent light, the laser radiation exhibits the properties of extremely high monochromatic brightness and photon degeneracy. Based on the interaction of laser radiation with matter, a great number of new optical effects and phenomena have been discovered and exploited, which are the major subjects of nonlinear optics. In this new branch of optics, two parallel theories, semiclassical theory and quantum electrodynamics theory, can be complementarily adopted to explain and describe all of these new optical effects and phenomena. A considerable number of nonlinear optical effects, including three and four-wave frequency mixing, intense light-induced refractive...



SYNTHETIC ORGANIC CHEMISTRY AND THE NOBEL PRIZE VOLUME 1

John G. D'Angelo



Acc. No : 49585

Call No : 547.0079 AN-J

The Nobel Prize is science's highest award, as is the case with non-science fields too, and it is therefore arguably the most internationally recognized award in the world. This unique set of volumes focuses on summarizing the Nobel Prize in organic chemistry, as well as the specializations within this specialty. Any reader researching the history of the field of organic chemistry will be interested in this work. Furthermore, it serves as an outstanding resource for providing a better understanding of the circumstances that led to these amazing discoveries and what has happened as a result, in the years since. An outstanding resource that enables readers to better understand the conditions that led to these amazing Nobel Prize discoveries. To an extent, the roots of organic chemistry have been forgotten or lost...



BIOFILM ASSOCIATED ANTIMICROBIAL RESISTANCE AND ITS RECOVERY

Edited by
Dibyajit Lahiri, Moupriya Nag, Rina Rani Ray
and Sougata Ghosh



Acc. No : 49661

Call No : 579.17 LAH-D

This book is a graphic introduction to how chemistry developed, from ancient times to now. Led by cartoon host, Ben Zene with occasional interjections by eccentric Greek philosopher Democritus readers learn about ancient Greek and Chinese elements, alchemists, and the development of chemistry as we know it today, from Robert Boyle and Antoine Lavoisier, from Elizabeth Fulhame and John Dalton, to Jöns Jakob Berzelius and Friedrich Wöhler, to Rosalind Franklin, Linus Pauling, and Mario Molina. The book delves into topics like nanochemistry, environmental chemistry, and how the structure of atoms and molecules was uncovered, all with good humor, bright colors, and lively drawings. There are occasional sidebars on chemical-related history and the arts, and factoids such as how...

Polymeric Biomaterials

Fabrication, Properties and Applications

Edited by
Pooja Agarwal, Divya Bajpai Tripathy,
Anjali Gupta and Bijoy Kumar Kuanr



Acc. No : 49567

Call No : 610.28 AGA-P

Biomaterials include a versatile group of molecules that have been designed to interact with biological systems for various applications and polymeric biomaterials are being designed based on their availability and compatibility. This book summarizes fabrication techniques, features, usage, and promising applications of polymeric biomaterials in diversified areas, including advantageous industrial applications. Each chapter exclusively covers a distinct application associated with major classes of polymeric biomaterials. Provides a platform related to the fabrication and advancement of all categories of polymeric biomaterials. Explores the advancement of pertinent biomedical and drug delivery systems. Includes a wide range of biomaterials and their application in diversified fields. Gives out...

Youth Mental Health

Approaches to Emerging Mental Ill-Health
in Young People

Edited by Alison R. Yung, Jack Cotter
and Patrick D. McGorry



Acc. No : 48489

Call No : 616.8900 YUN-A

This book highlights the field of youth mental health and why it is a specialty distinct from both child and adolescent and adult mental health. Youth Mental Health: Approaches to Emerging Mental Ill-Health in Young People examines issues such as mental health literacy, e-Health, family, psychological, vocational, and pharmacological interventions. The authors also discuss issues that are particularly pertinent to young people, such as suicidality, substance abuse, gender identity and sexuality, attention deficit disorder, and eating disorders. Taking a preventative focus, this book presents evidence for youth mental health as an important and growing field, makes the case for the reform of existing service structures to better serve this group and outlines the latest specialized approaches to...



VALUE-ADDED BIOCOMPOSITES

Technology, Innovation, and Opportunity

Edited by
Malinee Sriariyanun
Sanjay Mavinkere Rangappa
Suchart Siengchin
Hom Nath Dhakal



CRC Press
Taylor & Francis Group

Acc. No : 49636

Call No : 620.118 SRI-M

Value-Added Bio composites: Technology, Innovation, and Opportunity explores advances in research, processing, manufacturing, and novel applications of bio composites. It describes the current market situation, commercial competition, and societal and economic impacts and advantages of substituting biocomposites for conventional composites, including natural fibers and bioplastics. Discusses manufacturing and processing procedures that focus on improving physical, mechanical, thermal, electrical, chemical, and biological properties and achieving the required specifications of downstream industries and customers. Analyzes the wide range of available base materials and fillers of bio composites and bioplastics in terms of the strengths and weaknesses of materials and economic potential in...

Advanced Electrochemical Materials in Energy Conversion and Storage

Edited by
Junbo Hou



Acc. No : 49600

Call No : 621.31 HOU-J

This book focuses on novel electrochemical materials, particularly designed for specific energy applications. It presents the relationship between materials properties, state-of-the-art processing, and device performance and sheds light on the research, development, and deployment trend of emerging materials and technologies in this field. Emphasizes electrochemical materials applied in PEM fuel cells and water splitting. Summarizes anode, cathode, electrolyte, and additive materials developed for lithium-ion batteries and reviews other batteries, including lithium-air, lithium-sulfur, sodium, potassium-ion batteries, and multivalent-ion batteries. Discusses advanced carbon materials for supercapacitors. Highlights catalyst design and development for CO₂RR and fundamentals of proton...



Ultra-High Performance Concrete

Design, Performance, and Application

Caijun Shi
Zemei Wu
Nemkumar Banthia



Acc. No : 49563

Call No : 624.1834 SHI-C

Ultra-high performance concrete is an advanced cement-based composite material with a compressive strength of over 120 MPa, high toughness, and superior durability. Since its development in the early 1990s, UHPC has attracted great interest worldwide due to its advantages. This book covers material selection and mixture design methods for developing UHPC, as well as the performance of UHPC, including fresh and hardened properties, setting and hardening, dimensional stability, static and dynamic properties, durability, long-term properties, and self-healing properties. A range of potential applications and case studies is presented to illustrate how UHPC meets requirements for lightweight, high-rise, large-span, heavy-load bearing, fast-construction, and highly durable structures in civil and...

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WHAT THEY
STILL
DON'T TEACH YOU
AT HARVARD
BUSINESS SCHOOL

BY THE AUTHOR OF THE #1 NEW YORK TIMES BESTSELLER
WHAT THEY DON'T TEACH YOU AT HARVARD BUSINESS SCHOOL
MARK H. McCORMACK



Acc. No : 49799

Call No : 650.1 MCC-M

Between the theories of business school and the real world of business, there is still a gap - one that can only be filled by experience, helped by the knowledge of someone who has already done it. Over a lifetime as one of the world's most influential business leaders, Mark McCormack gathered more insights than could ever fit in one book: here he has distilled the strategies, techniques, and wisdom that everyone needs to get organised, get ahead, and gain and keep the competitive edge. Building on from What They Don't Teach You At Harvard Business School, this straight-talking, practical guide offers essential tools and skills from negotiating to managing, advancing your career, to building a new idea that will help you be a leader at any level. How to land your first great job and four ways to prove your worth...



The Audit Revolution:

Unveiling the Power of Audits,
Auditors and Standardization

Transforming the Business with Accurate Assessment,
Reliable Auditors and Streamlined Processes.

Zaid Fayyaz



Acc. No : 49108

Call No : 657.45 FAY-Z

In today's global economy, auditing and standardization are essential. They ensure financial integrity, regulatory compliance, and organizational health across industries. This book delves into the audit process, auditing as a profession, and the importance of standard norms, appealing to auditors, students, and professionals. The content bridges theory with practice, designed to inspire and equip readers to navigate auditing and standardization complexities. It is based on extensive research and expert contributions, aiming to demystify these critical areas effectively. Overall, this book offers deep insights into the auditing process and the role of standardization in global industries, providing valuable resources for current and aspiring professionals. It advocates for ethics and continual skill enhancement...

CRC FOCUS



GREEN EXTRACTION IN SEPARATION TECHNOLOGY

Ali Haghghi Asl
Maryam Khajenoori

 **CRC Press**
Taylor & Francis Group
A CHAPMAN & HALL BOOK



Acc. No : 49571

Call No : 660.2842 ASL-A

Subcritical water is a green extraction solvent compared to conventional extraction solvents. While experimental results on subcritical water extraction technology have been published piecemeal, there has been no comprehensive review of the state of the art. Green Extraction in Separation Technology fills that gap, serving to cover extracting with subcritical water as an environmentally friendly solvent. Presents new technologies for extracting natural compounds from plants and compares the advantages and disadvantages versus SWE. Explains research on SWE over the last 15 years. Offers an overview of the solubility of different compounds in SWE and related theoretical content. Discusses the modeling of SWE and describes the development of a new model for this process. This...

Expanded
& Updated

The definitive, 4th edition of the
New York Times bestseller

DRAWING ON THE RIGHT SIDE OF THE BRAIN

A course
in enhancing
creativity
and artistic
confidence

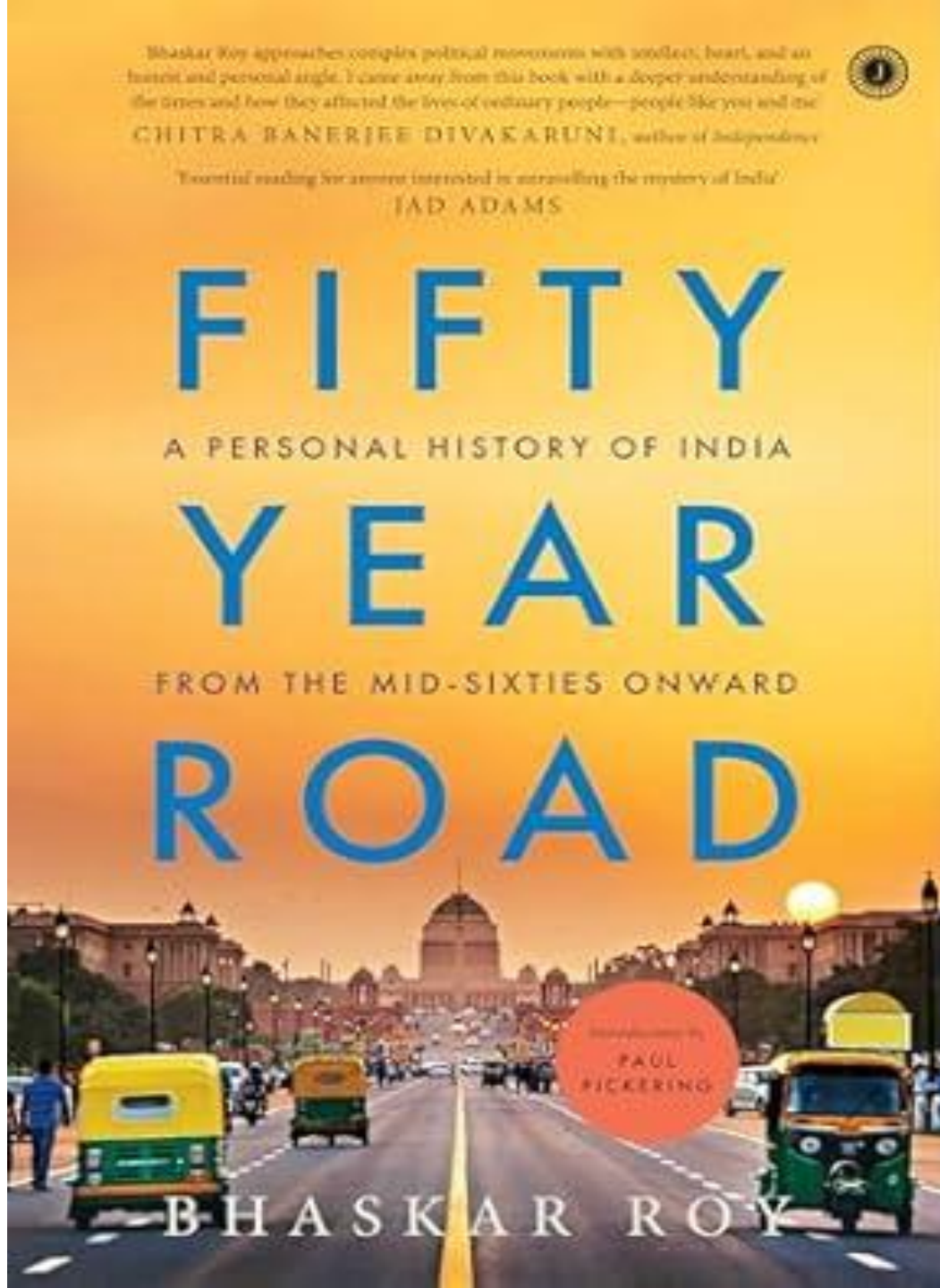
BETTY EDWARDS



Acc. No : 49515

Call No : 741.2 EDW-B

A revised edition of the classic drawing book that has sold more than 1.7 million copies in the United States alone. Translated into more than seventeen languages, *Drawing on the Right Side of the Brain* is the world's most widely used drawing instruction book. Whether you are drawing as a professional artist, as an artist in training, or as a hobbyist, this book will give you greater confidence in your ability and deepen your artistic perception, as well as foster a new appreciation of the world around you. This revised/updated fourth edition includes: a new preface and introduction; crucial updates based on recent research on the brain's plasticity and the enormous value of learning new skills utilizing the right hemisphere of the brain, a new focus on how the ability to draw on the strengths of the...



Acc. No : 49041

Call No : 900 ROY-B

An everyman flair makes history most authentic and intensely gripping. Nothing captures more gnawingly the acute scarcity in the wake of two successive wars with China in 1962 and Pakistan in 1965 than the lengthening lines outside ration shops. Fifty Year Road is Bhaskar Roy's look-back moment, but more crucially, it's the less-focused account of India that often gets overlooked by historiographers. The Naxalbari uprising, in perspective, was the first and fiercest far-left challenge to the Indian state, born out of deep disillusionment of the republic's first generation with the robust dream come crashing. Each of the subsequent upheavals has had untold sides too: the Bangladesh Liberation War, the 1974 rail strike, the Emergency, Indira assassination, Rajiv Gandhi years, economic reforms, Ayodhya demolition, Sonia Gandhi...

RUSS BUETTNER & SUSANNE CRAIG

LUCKY



LOSER

HOW DONALD TRUMP SQUANDERED
HIS FATHER'S FORTUNE
AND CREATED THE ILLUSION OF SUCCESS



Acc. No : 49216

Call No : Biography BUE-R

Soon after announcing his first campaign for the US presidency, Donald J. Trump told a national television audience that life has not been easy for me. It has not been easy for me. Building on a narrative he had been telling for decades, he spun a hardscrabble fable of how he parlayed a small loan from his father into a multi-billion-dollar business and real estate empire. This feat, he argued, made him singularly qualified to lead the country. Except: None of it was true. Born to a rich father who made him the beneficiary of his own highly lucrative investments, Trump received the equivalent of more than \$500 million today via means that required no business expertise whatsoever. Drawing on over twenty years' worth of Trump's confidential tax information, including the tax returns he tried to...

Author of the Booker Prize shortlisted *The Trees*

Percival Everett

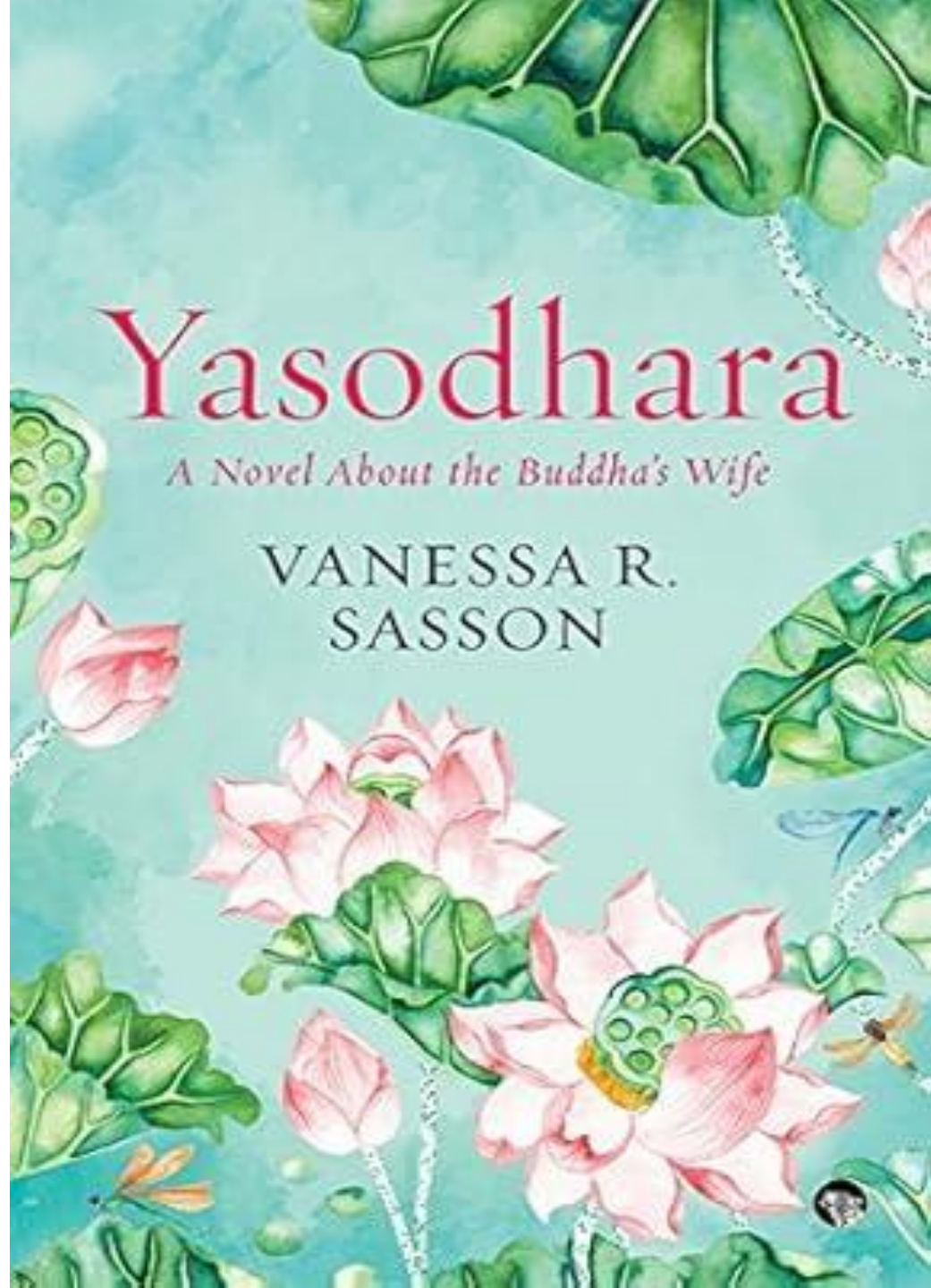
Dr. NO



Acc. No : 49350

Call No : Fiction EVE-P

A sly, madcap novel about supervillains and nothing, really, from an American novelist whose star keeps rising. The protagonist of Percival Everett's puckish new novel is a brilliant professor of mathematics who goes by Wala Kitu. Wala, he explains, means nothing in Tagalog, and Kitu is Swahili for nothing. He is an expert on nothing. That is to say, he is an expert, and his area of study is nothing, and he does nothing about it. This makes him the perfect partner for the aspiring villain John Sill, who wants to break into Fort Knox to steal, well, not gold bars but a shoebox containing nothing. Once he controls nothing, he'll proceed with a dastardly plan to turn a Massachusetts town into nothing. Or so he thinks. With the help of the brainy and brainwashed astrophysicist-turned-henchwoman Eigen Vector, our...



Acc. No : 48778

Call No : Fiction SAS-V

Who was Yasodhara? The Buddha's forgotten and abandoned wife? The mother of his only son? Or an enlightened being in her own right, denied her rightful place in the stories and histories about the Buddha? A long time ago, in a far-off kingdom, a boy and a girl, born on the same day, were destined to be together and then painfully wrenched apart. The boy was Siddhattha, heir to the Sakya kingdom and the future Buddha, the girl was the beautiful and precocious Yasodhara, his friend who became his loving wife. In this exquisitely crafted narrative, we encounter Yasodhara as a fiercely independent, passionate, and resilient individual. We witness her joys and sorrows, her expectations and frustrations, her fairy-tale wedding, and her overwhelming devastation at the departure of her...



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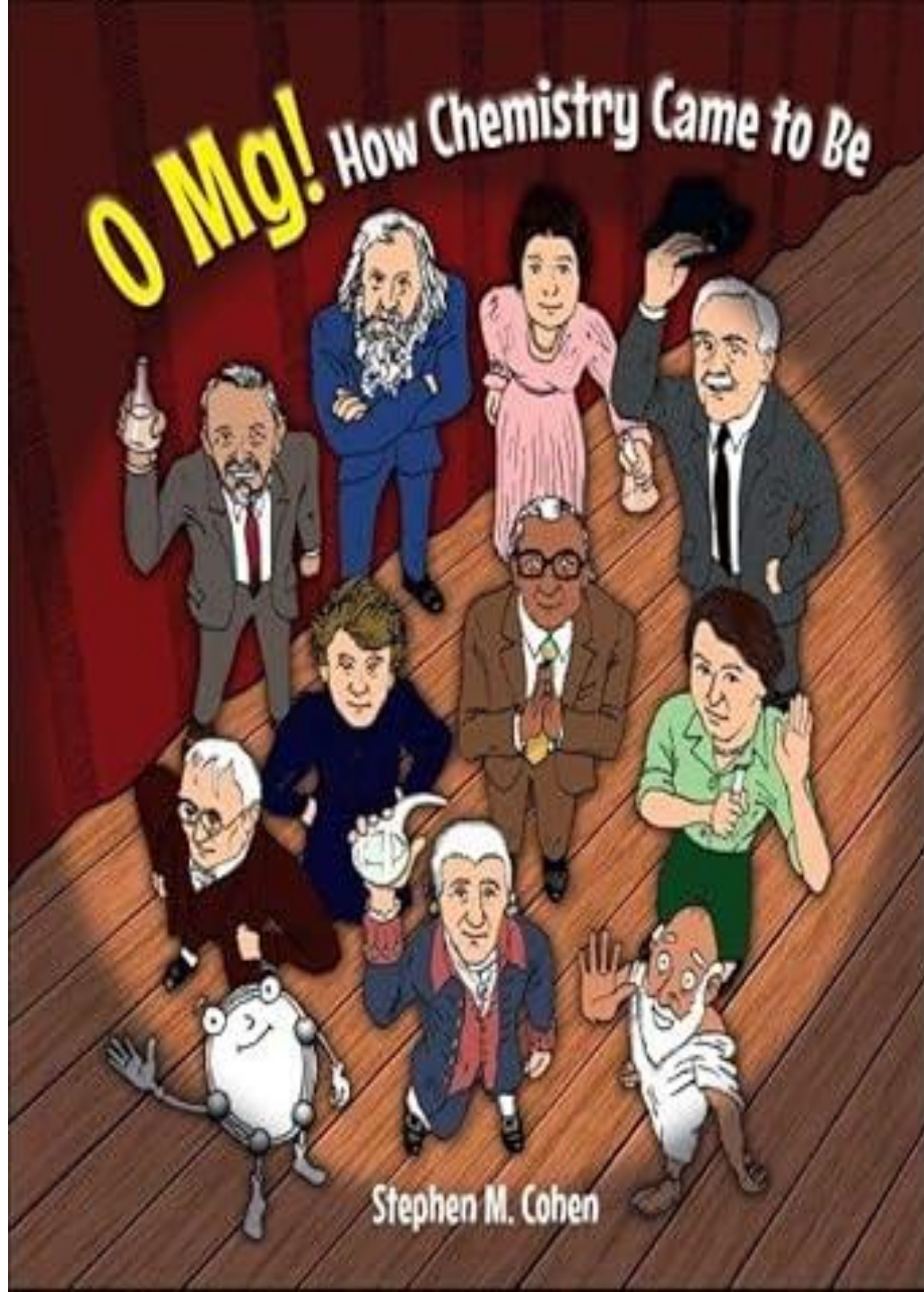
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lead

Acc. No : 46828

Call No : 428.6 SMI-C (Young Learners)

Read it yourself with Ladybird is one of Ladybird's best-selling reading series. For over thirty-five years, it has helped young children who are learning to read develop and improve their reading skills. Each Read it yourself book is very carefully written to include many key, high-frequency words that are vital for learning to read, as well as a limited number of story words that are introduced and practiced throughout. Simple sentences and frequently repeated words help to build the confidence of beginner readers, and the different levels of books support children all the way from very first reading practice through to independent, fluent reading. There are more than one hundred titles in the Read it yourself series, ranging from classic fairy tales and traditional world stories to favorite children's brands such as Peppa Pig and Peter Rabbit. A range of...



Acc. No : 49964

Call No : 540.9 COH-S (Young Learners)

This book is a graphic introduction to how chemistry developed, from ancient times to now. Led by cartoon host, Ben Zene with occasional interjections by eccentric Greek philosopher Democritus readers learn about ancient Greek and Chinese elements, alchemists, and the development of chemistry as we know it today, from Robert Boyle and Antoine Lavoisier, from Elizabeth Fulhame and John Dalton, to Jöns Jakob Berzelius and Friedrich Wöhler, to Rosalind Franklin, Linus Pauling, and Mario Molina. The book delves into topics like nanochemistry, environmental chemistry, and how the structure of atoms and molecules was uncovered, all with good humor, bright colors, and lively drawings. There are occasional sidebars on chemical-related history and the arts, and factoids such as how President of the USA Herbert Hoover and President of Israel...

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Thank you

7A