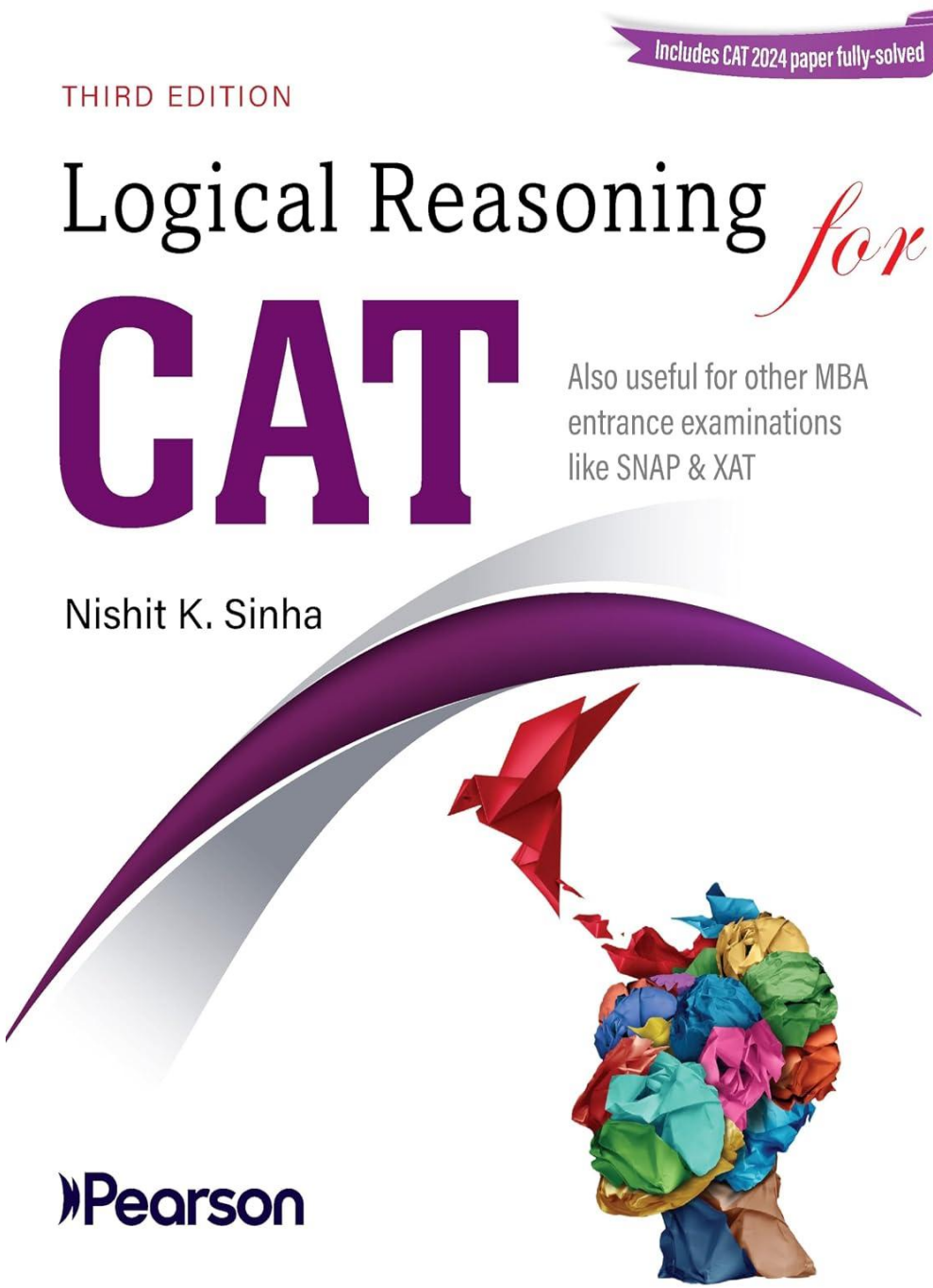


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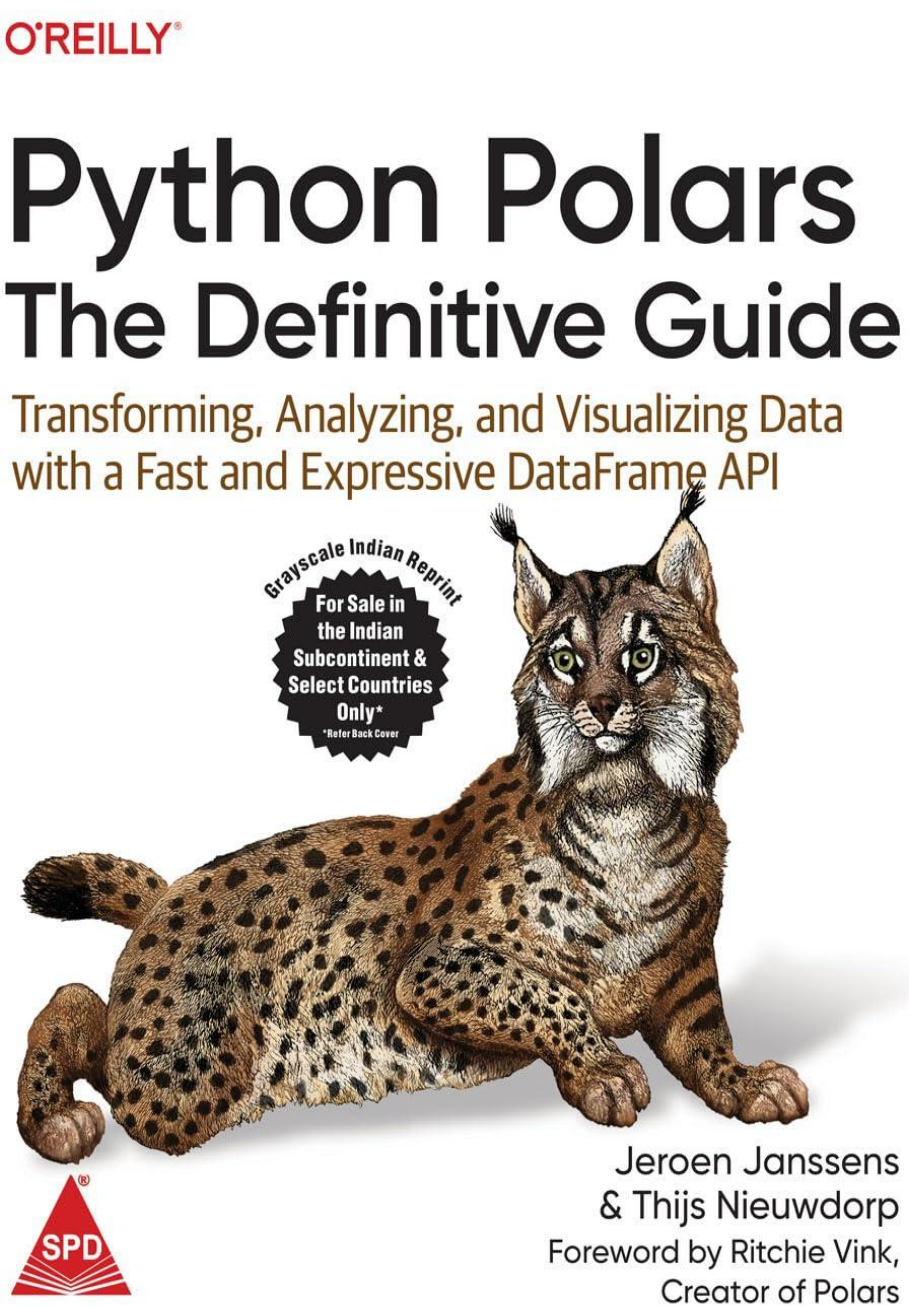
(09 – 22 November, 2026)



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Acc. No : 50844
Call No : 001 SIN-N

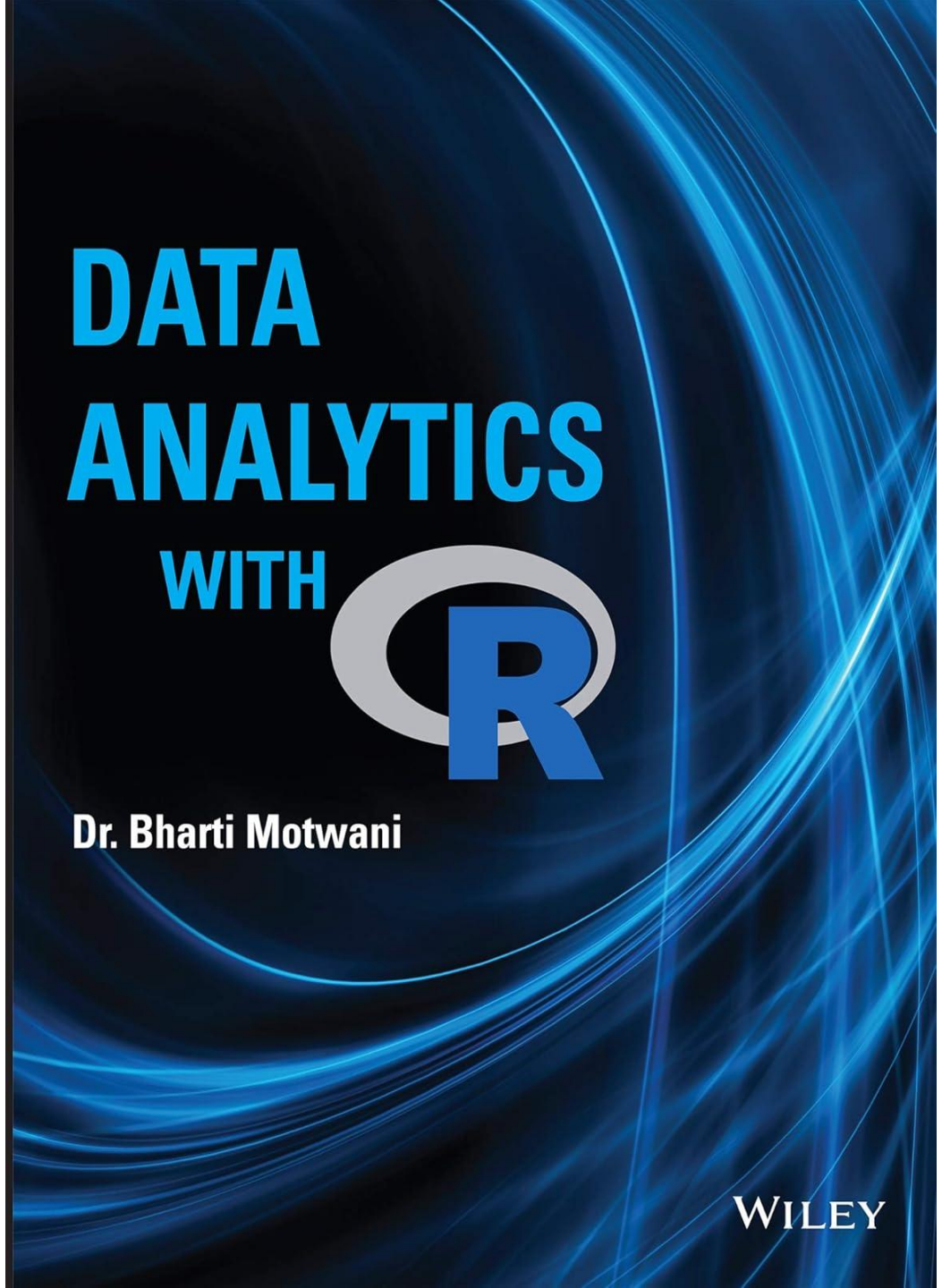
CAT Common Admission Test is a national-level examination, conducted by IIMs for admission into several programs they offer. The test consists of three sections: Verbal Ability and Reading Comprehension, Data Interpretation and Logical Reasoning, and Quantitative Aptitude. Logical Reasoning for CAT, now in its third edition, continues to provide a focused approach. This book is a one-stop solution for CAT aspirants to excel in the Logical Reasoning section. A passive reader is a person who goes through any content in a real-time frame without putting any effort to induce learning, assuming that there will be a tomorrow when he will come back to the same content and learn the things given. We know that either tomorrow never comes, or it comes so late that everything is almost over. An active learner is a…



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Acc. No : 51387
Call No : 005.133 JAN-J

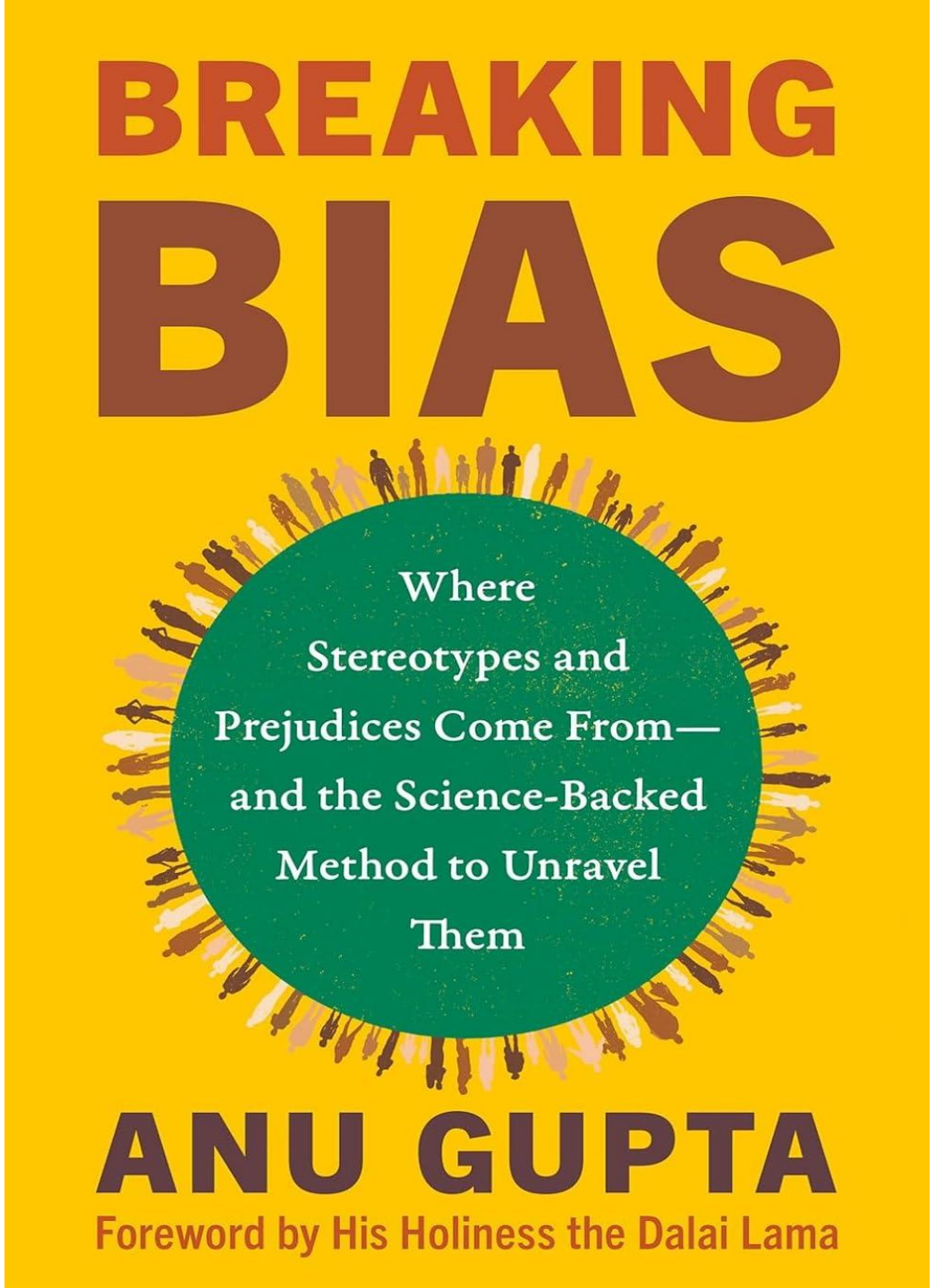
Unlock the power of Polars, a Python package for transforming, analyzing, and visualizing data. In this hands-on guide, Jeroen Janssens and Thijs Nieuwdorp walk you through every feature of Polars, showing you how to use it for real-world tasks like data wrangling, exploratory data analysis, building pipelines, and more. Whether you're a seasoned data professional or new to data science, you'll quickly master Polars' expressive API and its underlying concepts. You don't need to have experience with pandas, but if you do, this book will help you make a seamless transition. The many practical examples and real-world datasets are available on GitHub, so you can easily follow along. Process data from CSV, Parquet, spreadsheets, databases, and the cloud Get a solid understanding of Expressions, the building blocks of…



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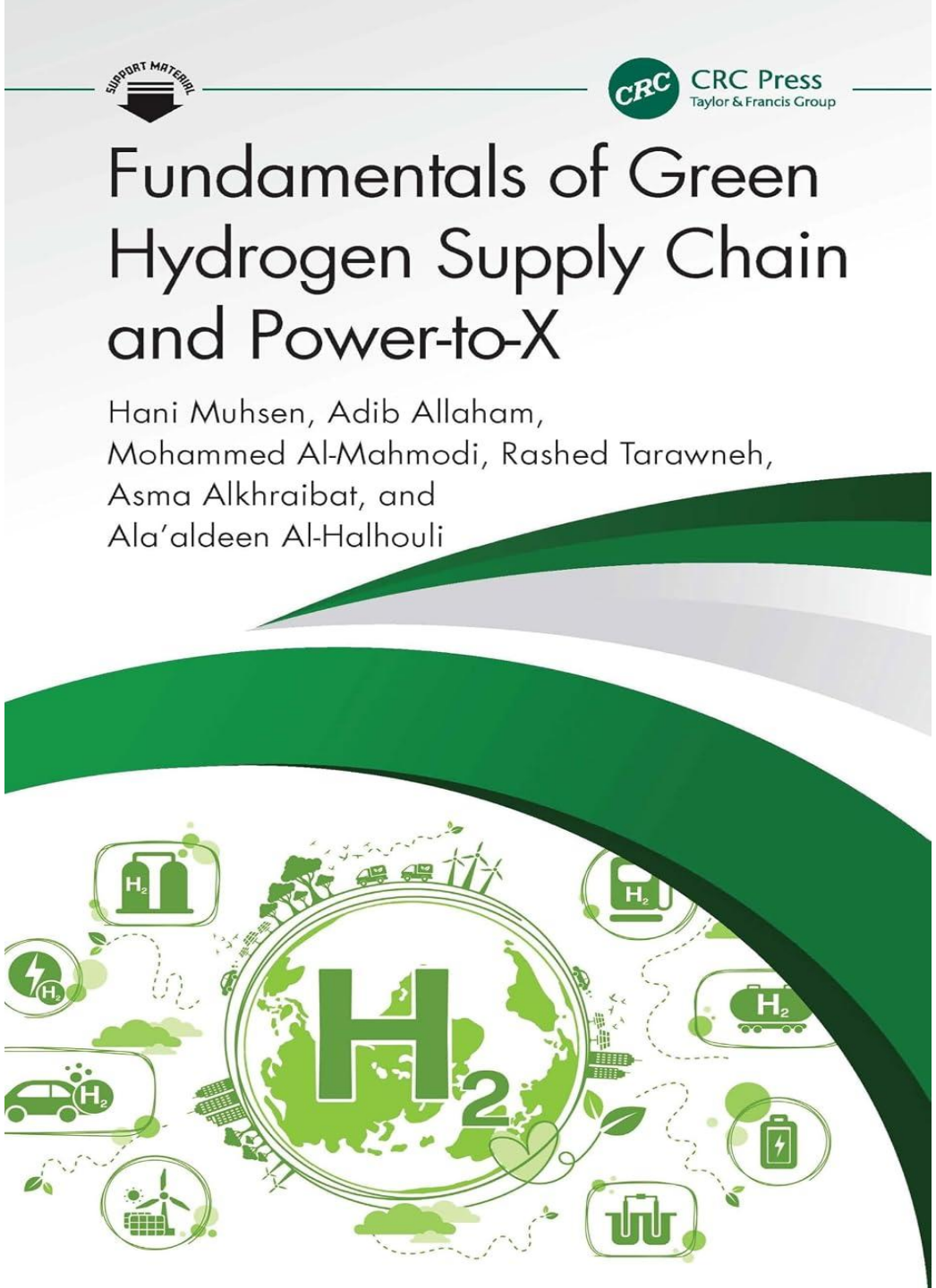
Acc. No : 51384
Call No : 005.133 MOT-B

Data analysis is the method of examining, cleansing, and modelling with the objective of determining useful information for effective decision-making and operations. It includes diverse techniques and tools and plays a major role in different business, science and social science areas. R software provides numerous functions and packages for using different techniques for producing desired outcomes. Data Analytics with R will enable readers to gain sufficient knowledge and experience to perform analysis using different analytical tools available in R. Each chapter begins with a number of important and interesting examples taken from a variety of sectors. The international future leaders is a great responsibility. There is a need to rise above the antiquated approaches of earlier days and infuse the spirit of adventure. This will happen best in a learning…



Acc. No : 51043
Call No : 303.385 GUP-A

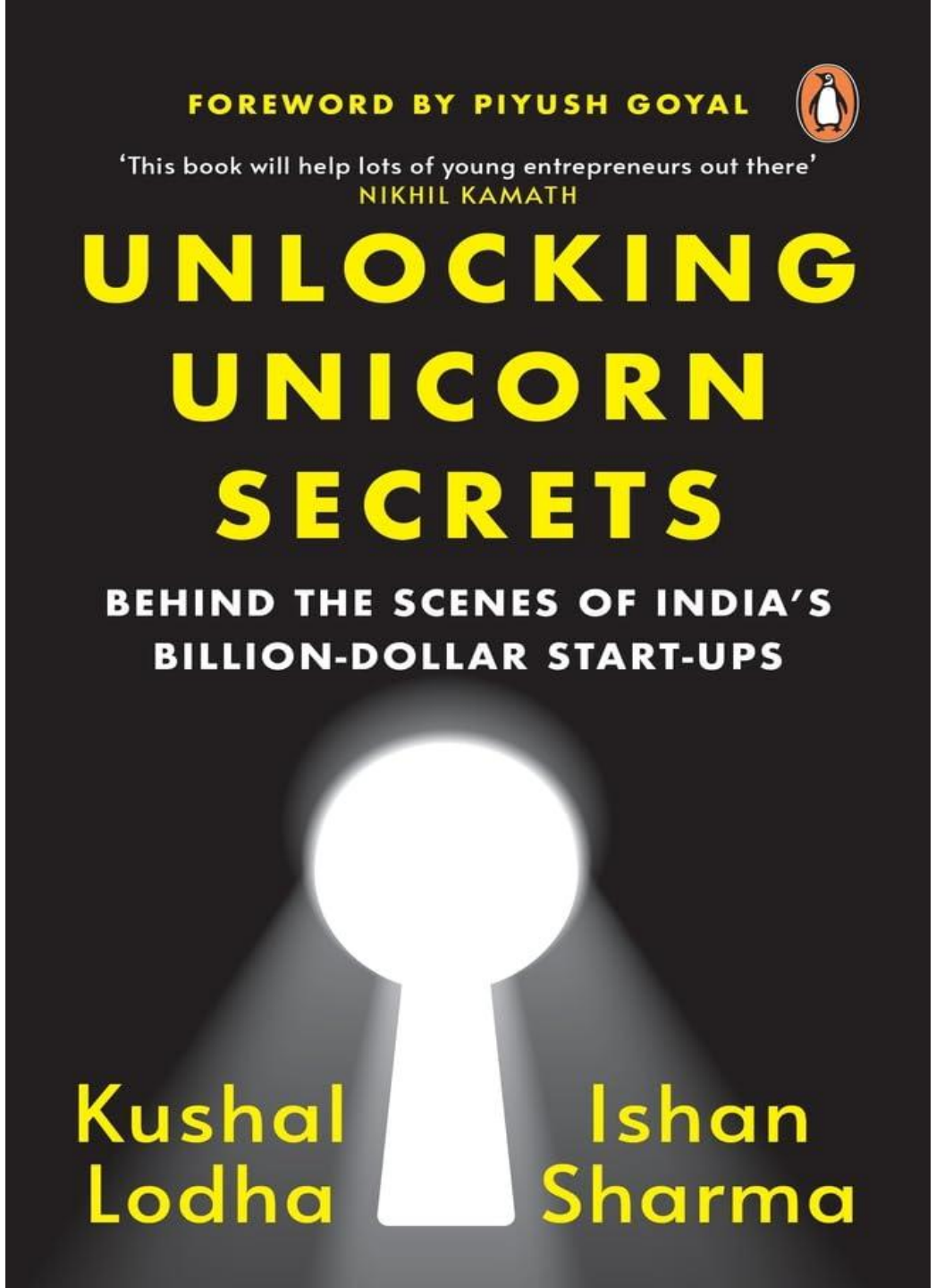
Take a moment to imagine how you feel in such a world. Not what you think about it, or whether you believe it's possible, but how you feel. This is the proposition that opens Breaking Bias. It's your invitation to embark on an experiential journey with the power to radically change your daily life and, by extension, the world we share. Anu Gupta offers a page-turning deep dive into how bias is learned and a strikingly original and highly effective set of tools to unlearn it. Breaking Bias is one of the few books that go beyond examining the history of bias to offer actual training in how to reduce bias. It's also the only book of its kind written by an author with Anu's unique intersectional identities: a gay brown immigrant with Buddhist, Christian, and Hindu roots who is also an American lawyer and scholar of bias with two decades…



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Acc. No : 51585
Call No : 333.79 MUH-H

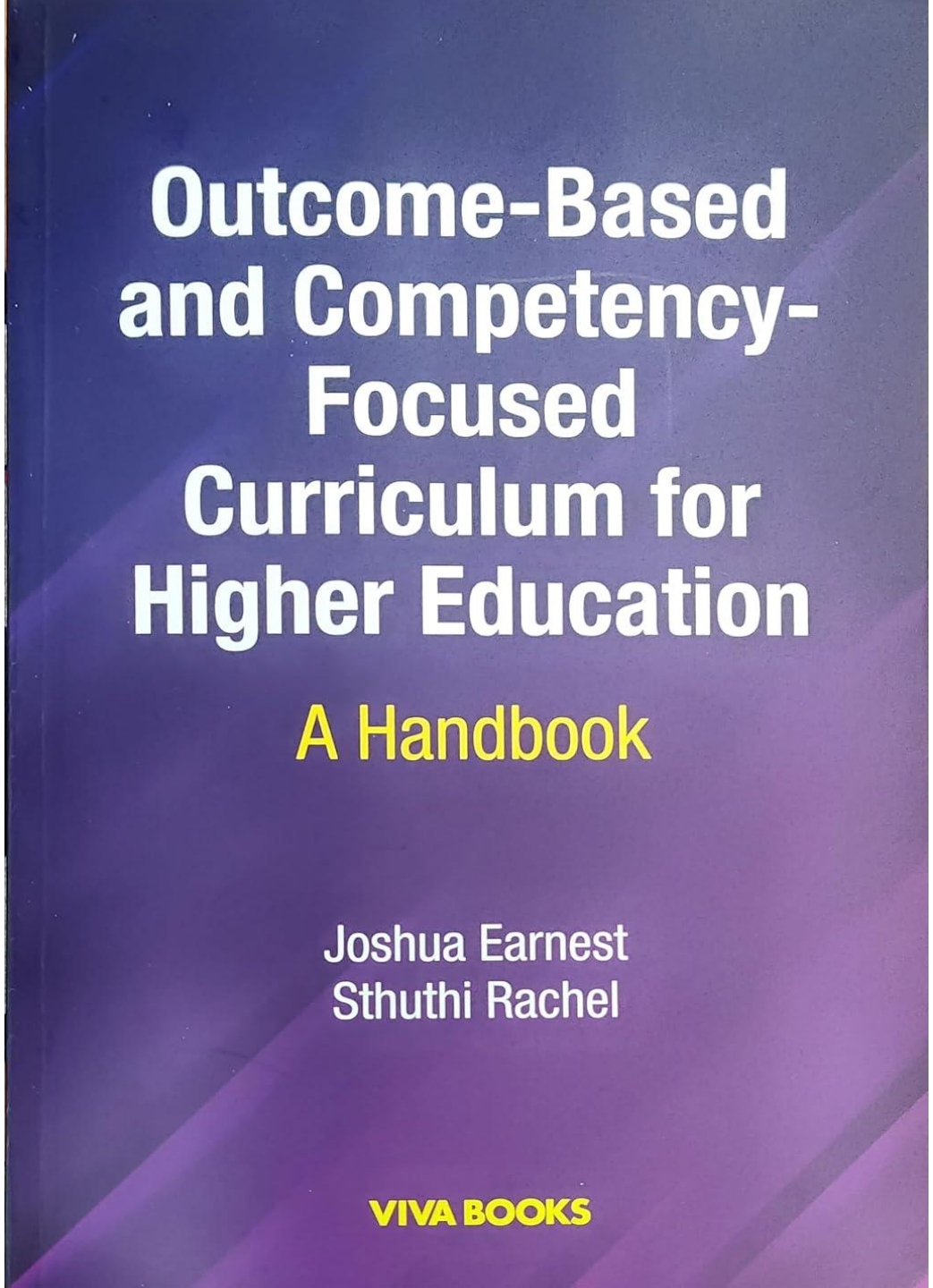
This book offers an engaging introduction to green hydrogen and its role in changing the global energy landscape. It explains theoretical and practical aspects of the green hydrogen supply chain, including production, storage, transportation, and utilisation, and explores the techno-economic aspects relevant to each stage. Through hands-on examples, readers understand how green hydrogen can be implemented across various applications. It explains Power-to-X technologies, which enable the conversion of green hydrogen into eco-friendly fuels and chemical feedstocks. Designed for students and researchers, this book simplifies complex concepts and provides a comprehensive understanding of green hydrogen's benefits. Covers the end-to-end green hydrogen and Power-to-X technologies supply…



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Acc. No : 51438
Call No : 338.040954 ISH-K

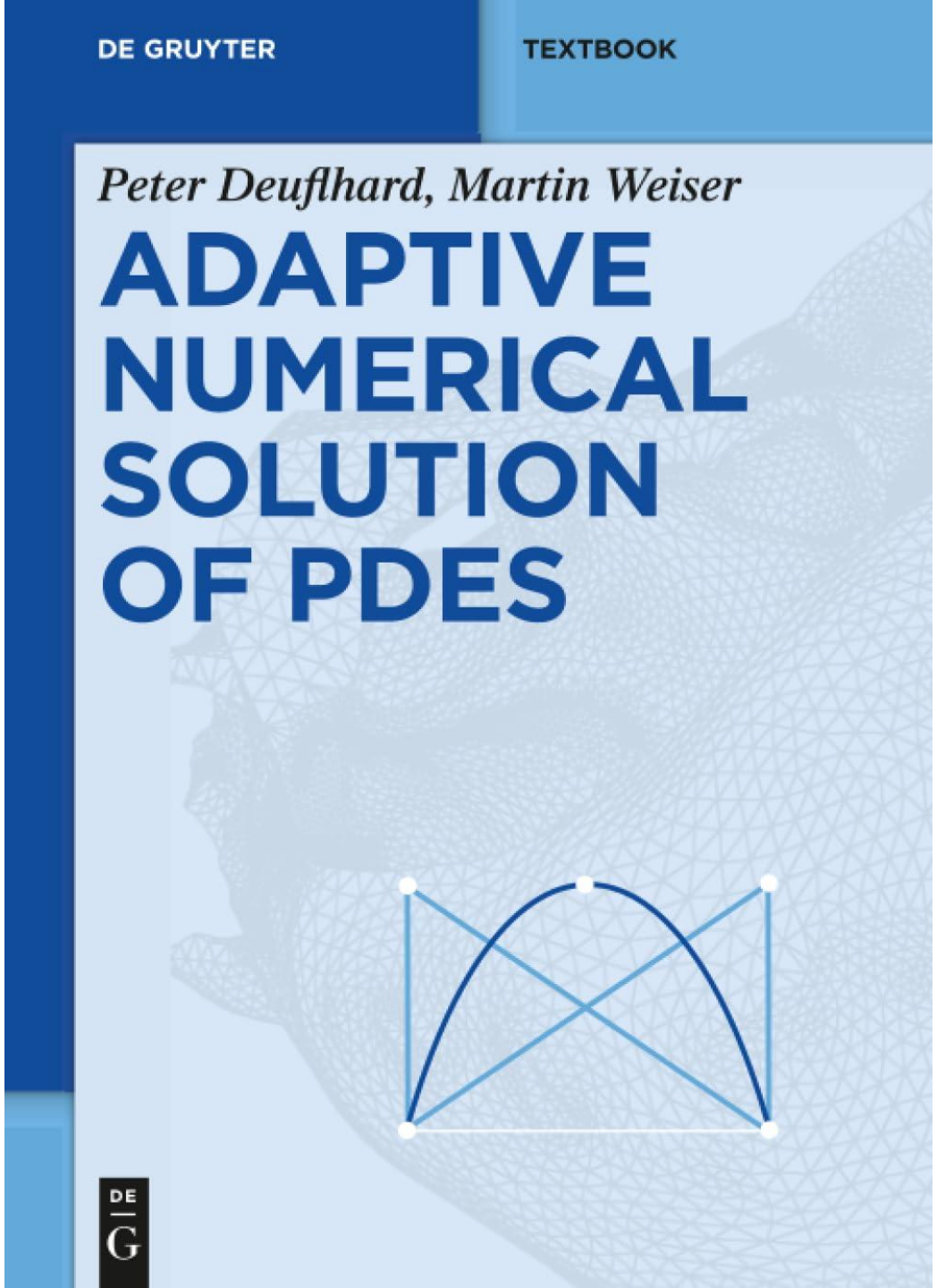
In 2022, India, second only to the US, produced more unicorns than any other country in the world. Although ours is a vibrant ecosystem that encourages young minds to take the entrepreneurial plunge, the road ahead is full of pitfalls. Unlocking Unicorn Secrets captures the entrepreneurial journeys of some of India's new-age founders and looks at the challenges they faced and how they overcame them. It covers themes such as developing an idea, building out the minimum viable product, finding a co-founder, setting up the founding team, raising funds and scaling the business, among others. Through primary research and a series of interviews conducted with the founders of these billion-dollar companies, the authors weave a narrative that is both accessible and informative. The book is a manifestation of the authors' passion for…



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Call No : 375.199 EAR-J

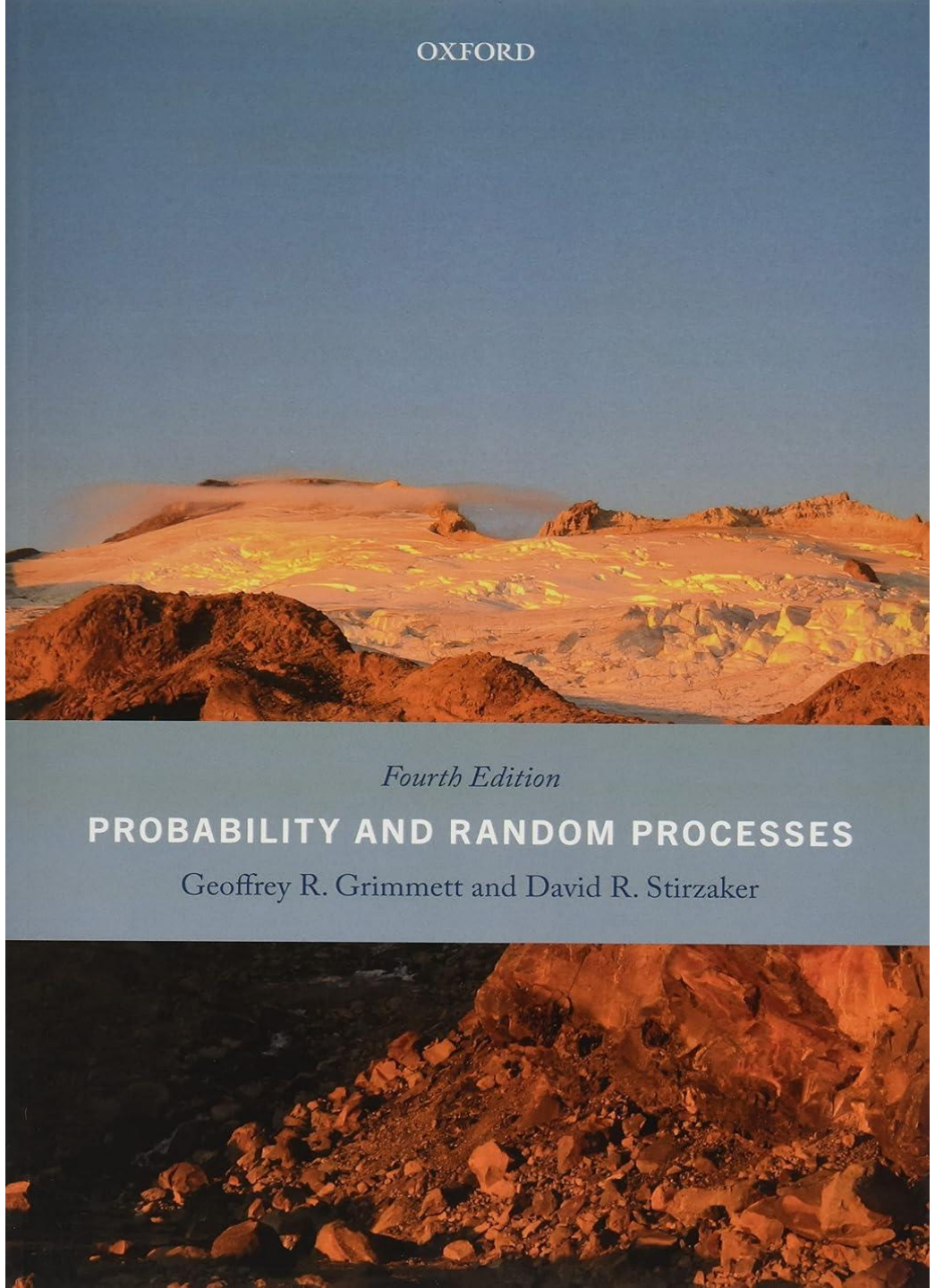
The curriculum is the constitution of any educational programme. To align with the NEP 2020, it has become necessary to redesign higher education programmes to a student-centric, competency-based framework in universities and higher education institutions. Hence, Learning Outcomes at different levels have to be incorporated, the guidelines of which are available in the national documents CCFrUGP December 2020, NCrF April 2023, NHEQF May 2023 and in this book. The rich experience of the authors in OBE makes this unique book quite valuable, as it is the only one of its kind in India. It is replete with examples demystifying some of the grossly misunderstood OBE concepts. A dash of figures, exhibits, highlighted boxes, and exercises woven into the lucidly written chapters help every student, teacher and…



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Acc. No : 49940
Call No : 515.3533 DEU-P

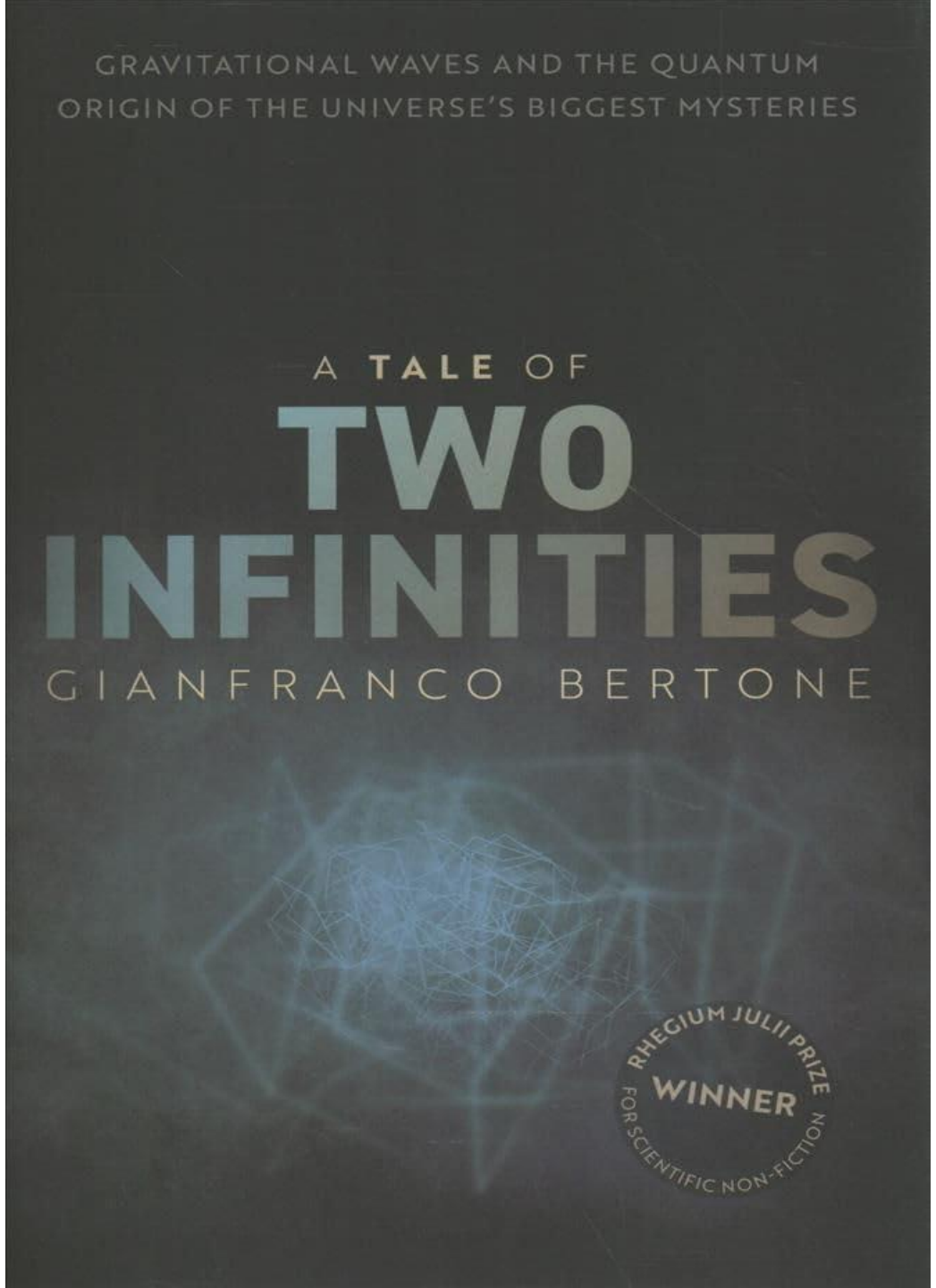
This book covers the general topic Numerical solution of partial differential equations, focusing on adaptive discretisation in space and time. By and large, introductory textbooks like Numerical Analysis in Modern Scientific Computing by Deuflhard and Hohmann should suffice as a prerequisite. The emphasis lies on elliptic and parabolic systems. Hyperbolic conservation laws are treated only on an elementary level, excluding turbulence. Numerical Analysis is clearly understood as part of Scientific Computing. The focus is on algorithm efficiency, i.e., speed, reliability, and robustness, which directly leads to the concept of adaptivity in algorithms. The theoretical derivation and analysis are kept as elementary as possible. Nevertheless, the somewhat more sophisticated mathematical theory required is summarised in…



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Acc. No : 50946
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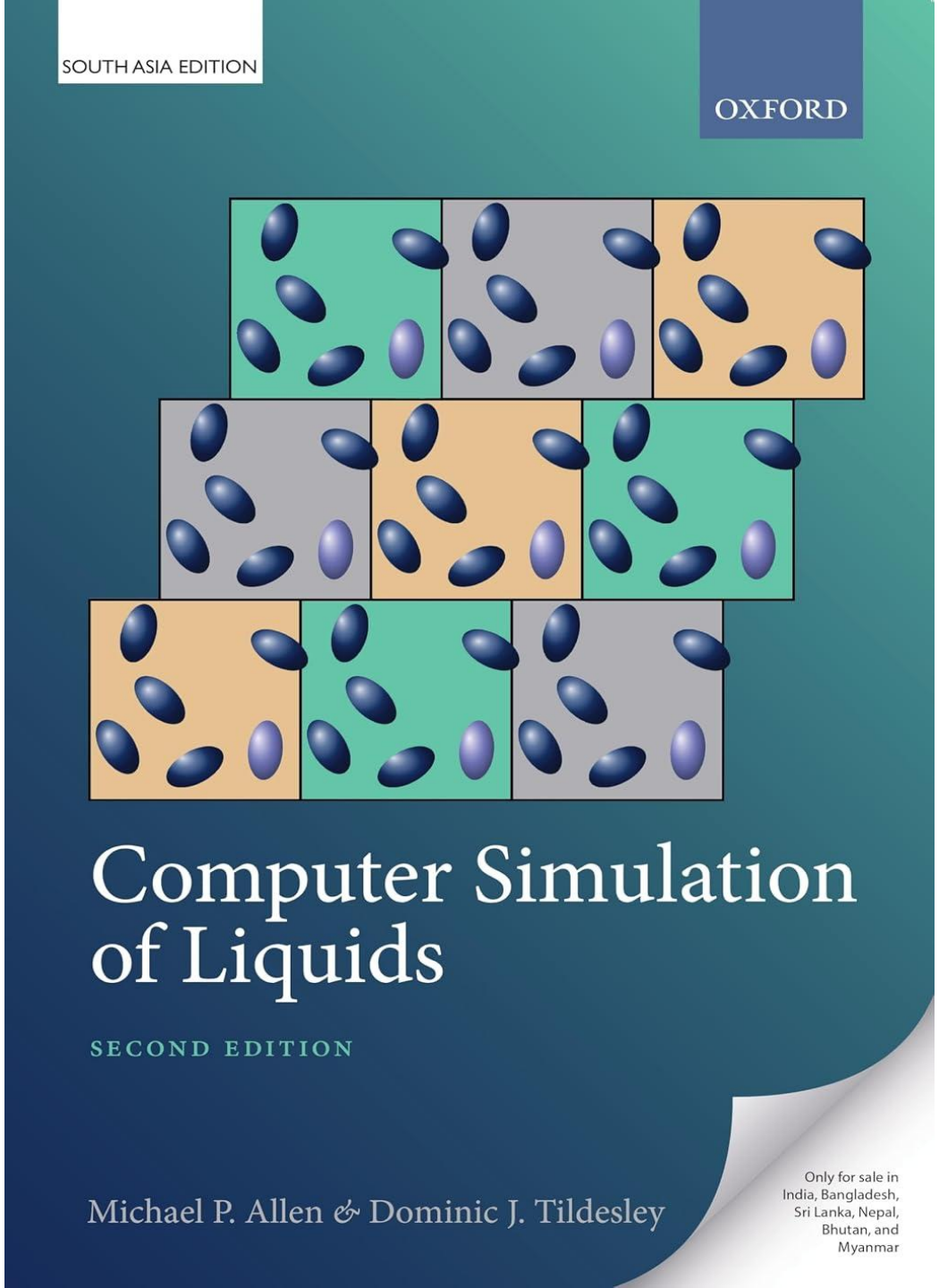
The fourth edition of this successful text provides an introduction to probability and random processes, with many practical applications. It is aimed at mathematics undergraduates and postgraduates, and has four main aims. US BL To provide a thorough but straightforward account of basic probability theory, giving the reader a natural feel for the subject unburdened by oppressive technicalities. BE BL To discuss important random processes in depth with many examples. BE BL To cover a range of topics that are significant and interesting but less routine. BE BL To impart to the beginner some flavour of advanced work. BE UE OP The book begins with the basic ideas common to most undergraduate courses in mathematics, statistics, and science. It ends with material usually found at graduate level, for example, Markov…



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Call No : 523.1 BER-G

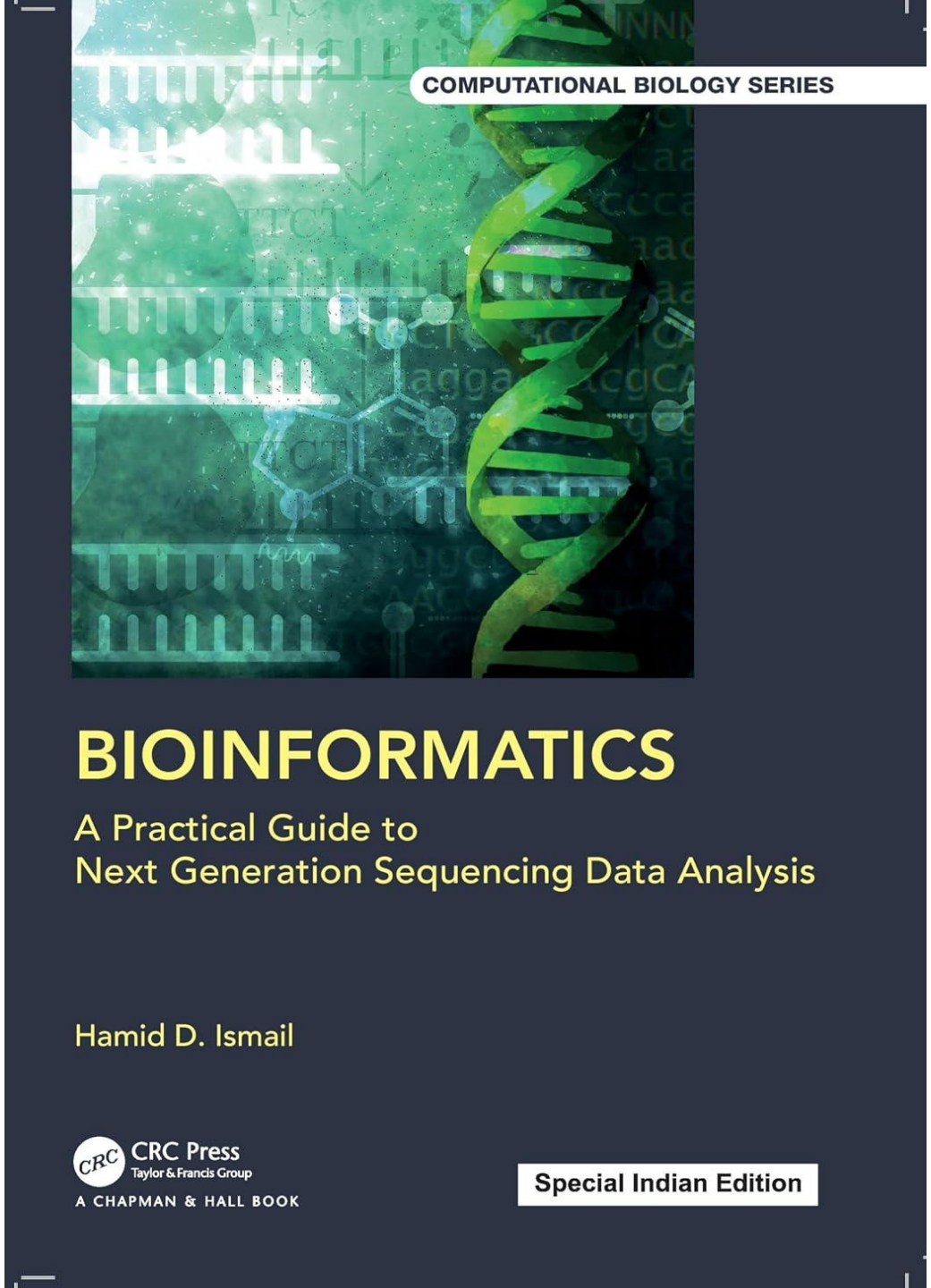
The spectacular advances of modern astronomy have opened our horizons to an unexpected cosmos: a dark, mysterious universe, populated by enigmatic entities we know very little about, like black holes, or nothing at all, like dark matter and dark energy. This book discusses the extraordinary potential of a new discipline dubbed multimessenger astronomy, combining the traditional approach based on the observation of light from celestial objects with a new method based on other messengers such as gravitational waves, neutrinos, and cosmic rays that carry information from otherwise inaccessible corners of the universe. Interweaving the discussion of multimessage astronomy with an exploration of the surprising connections between the study of the universe on the largest scales and the physics of the infinitely…



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Call No : 530.4130285 ALL-M

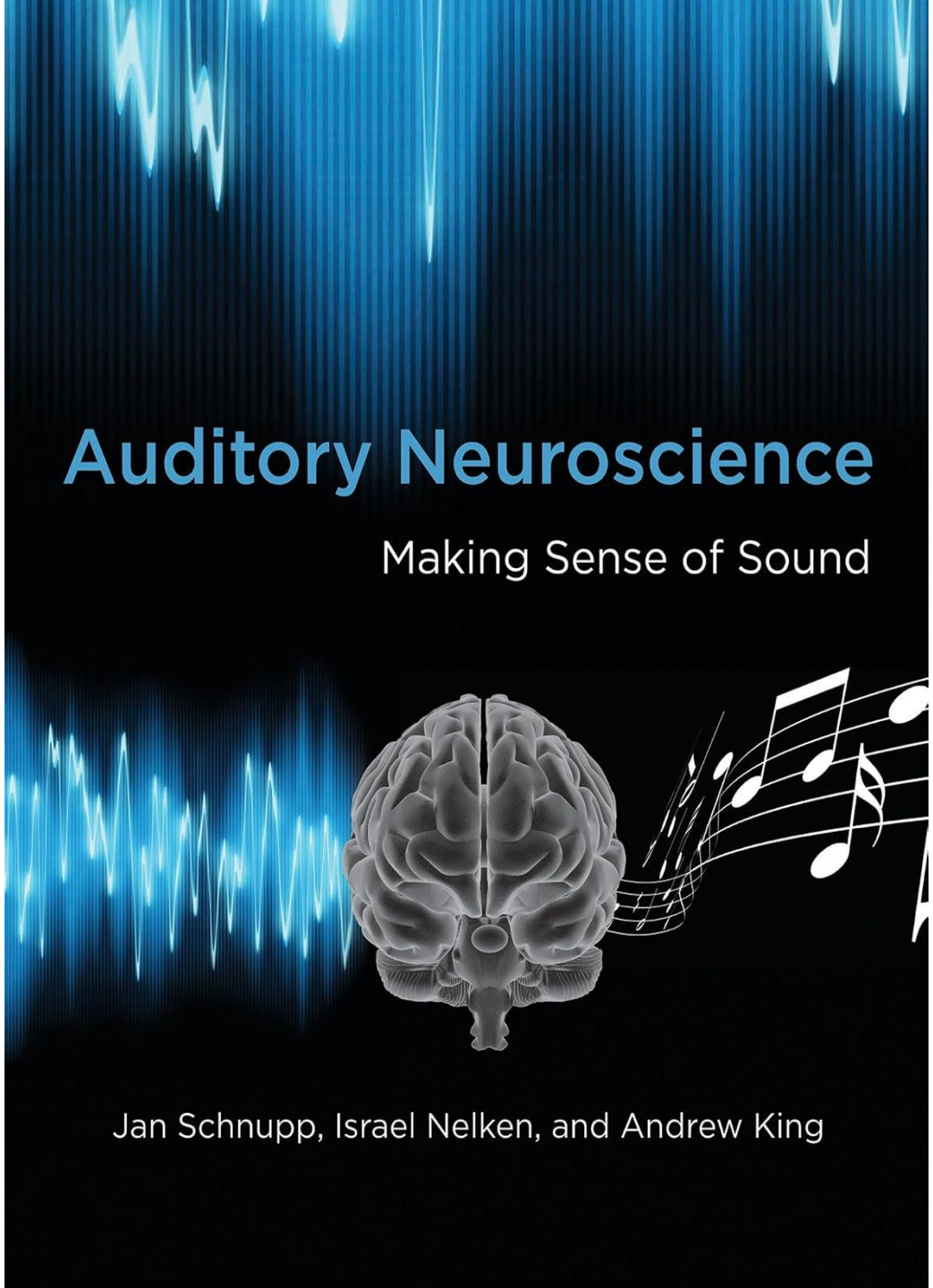
This book provides a practical guide to molecular dynamics and Monte Carlo simulation techniques used in the modelling of simple and complex liquids. Computer simulation is an essential tool in studying the chemistry and physics of condensed matter, complementing and reinforcing both experiment and theory. Simulations provide detailed information about structure and dynamics, essential to understanding the many fluid systems that play a key role in our daily lives: polymers, gels, colloidal suspensions, liquid crystals, biological membranes, and glasses. The second edition of this pioneering book aims to explain how simulation programs work, how to use them, and how to interpret the results, with examples of the latest research in this rapidly evolving field. Accompanying programs in Fortran and…



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Acc. No : 51611
Call No : 570.285 ISM-H

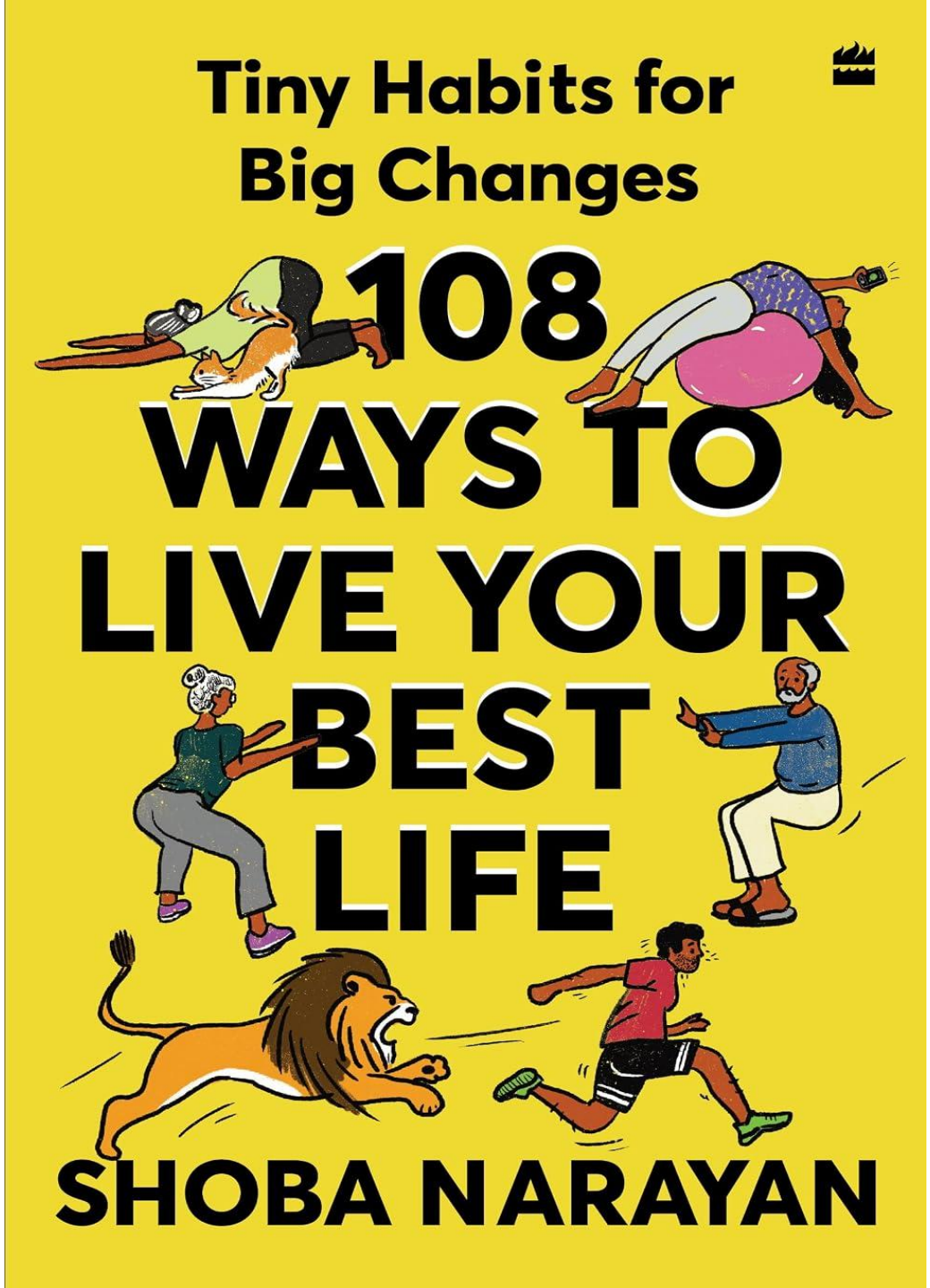
This book contains the latest material in the subject, covering next-generation sequencing applications and meeting the requirements of a complete semester course. This book digs deep into analysis, providing both concept and practice to satisfy the exact needs of researchers seeking to understand and use NGS data reprocessing, genome assembly, variant discovery, gene profiling, epigenetics, and metagenomics. The book does not introduce the analysis pipelines as a black box, but with detailed analysis steps to provide readers with the scientific and technical backgrounds required to enable them to conduct analysis with confidence and understanding. The book is primarily designed as a companion for researchers and graduate students using sequencing data analysis but will also serve as a…



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Acc. No : 51568
Call No : 612.85 SCH-J

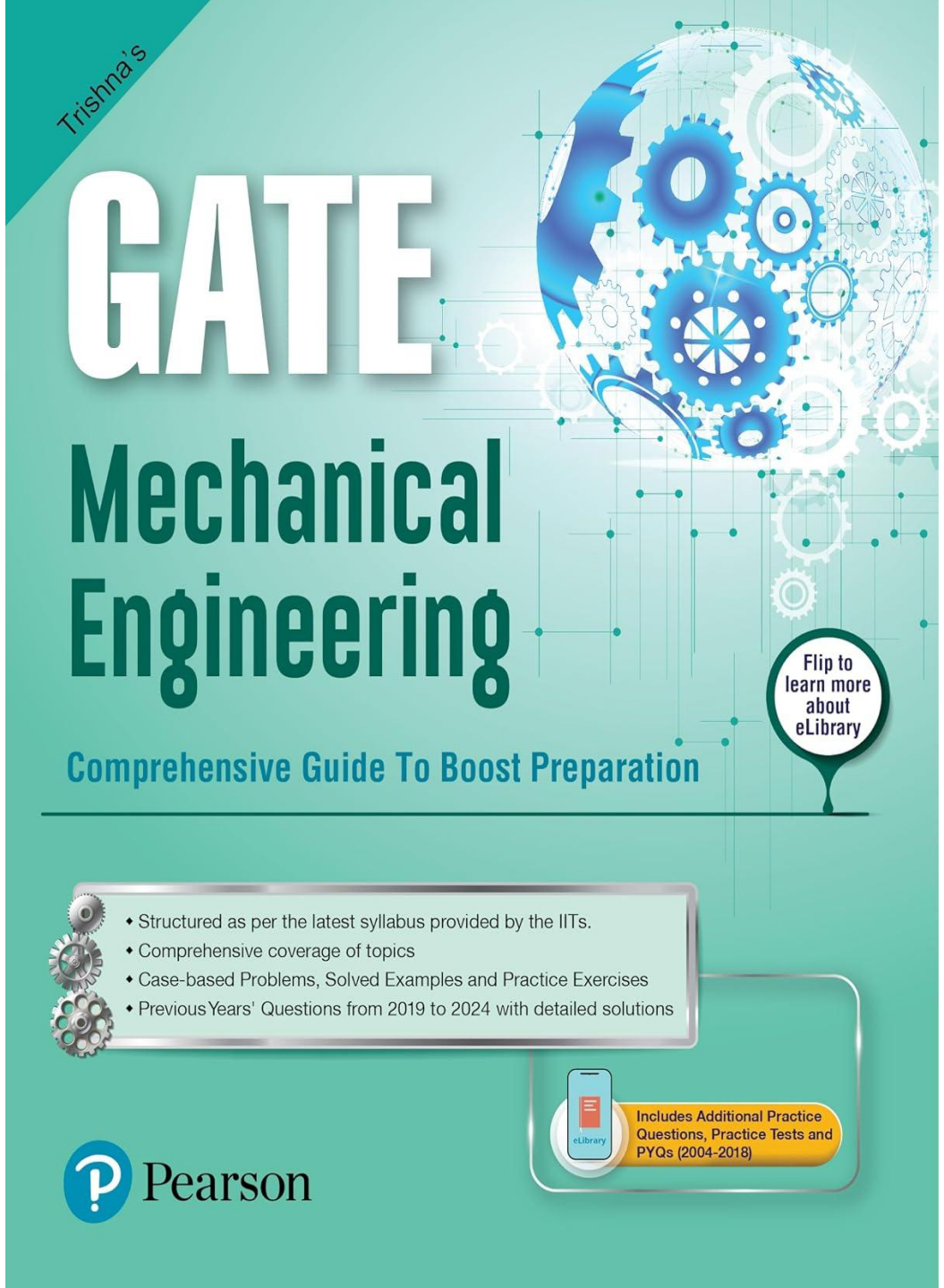
An integrated overview of hearing and the interplay of physical, biological, and psychological processes underlying it. Every time we listen to speech, to music, to footsteps approaching or retreating, our auditory perception is the result of a long chain of diverse and intricate processes that unfold within the source of the sound itself, in the air, in our ears, and, most of all, in our brains. Hearing is an everyday miracle that, despite its staggering complexity, seems effortless. This book offers an integrated account of hearing in terms of the neural processes that take place in different parts of the auditory system. Because hearing results from the interplay of so many physical, biological, and psychological processes, the book pulls together the different aspects of hearing, including acoustics, the mathematics of signal processing, the physiology of the…



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Call No : 613 NAR-S

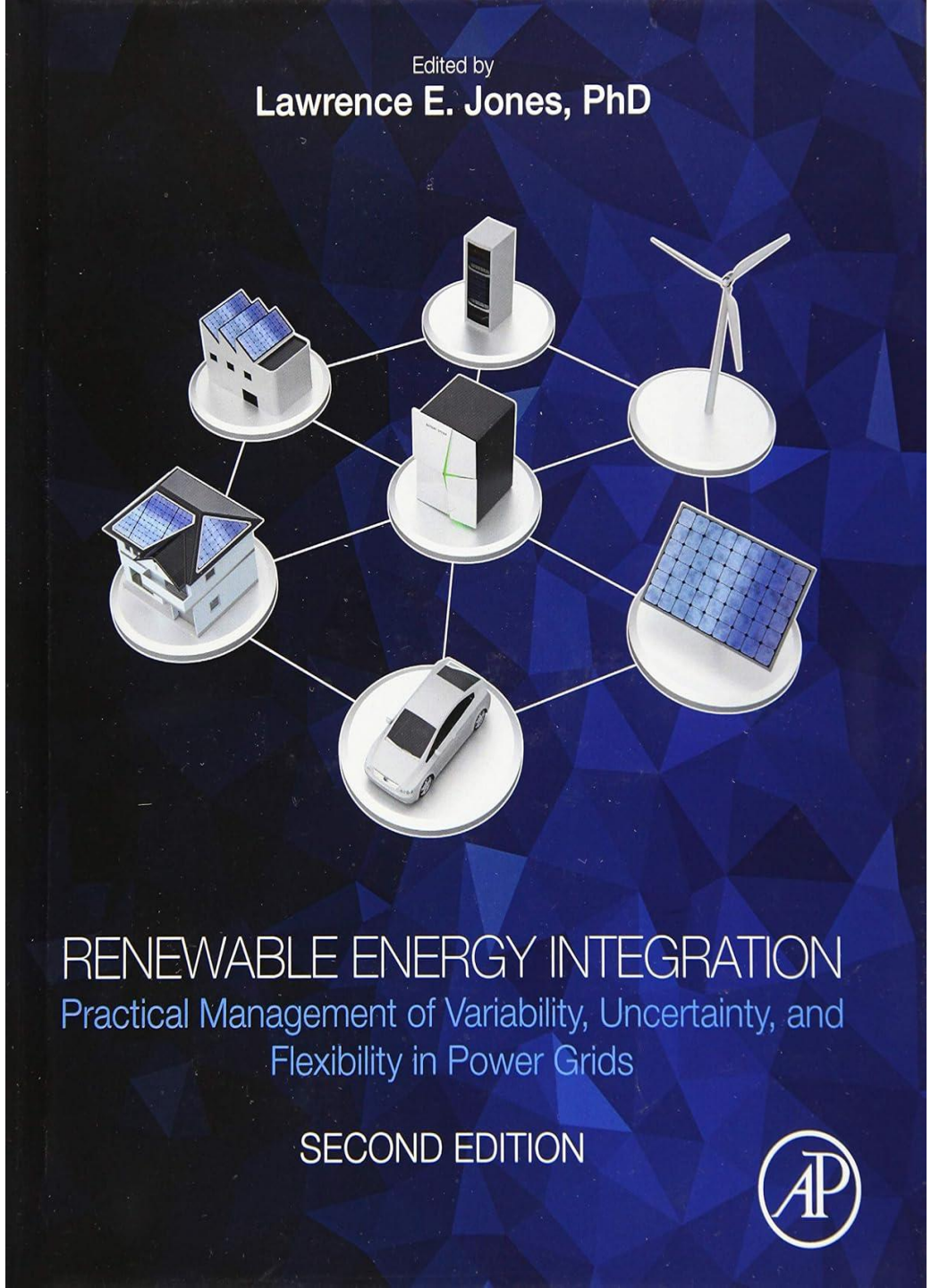
Get fit even with an irregular exercise routine? Improve your memory with a thirty-second hack? Eat better but not give up your favourite foods? Use cognitive bias to improve your quality of life? Sounds like a pipe dream? 108 Ways to Live Your Best Life shows you that the most difficult challenges can be tackled with quick and simple solutions. Based on the maxim 'minimum effort, maximum results', this is a collection of life hacks that will help you achieve your goal, be it fitness, weight loss, mindfulness, increased productivity or emotional balance, in the easiest possible way. So if you're someone like the author who avoids going to the gym, signs up for yoga or aerobics classes and gives up within a month, wants to meditate but can't find the time to do so, has a Sudoku app on your phone but never actually opens it, this is the book for…



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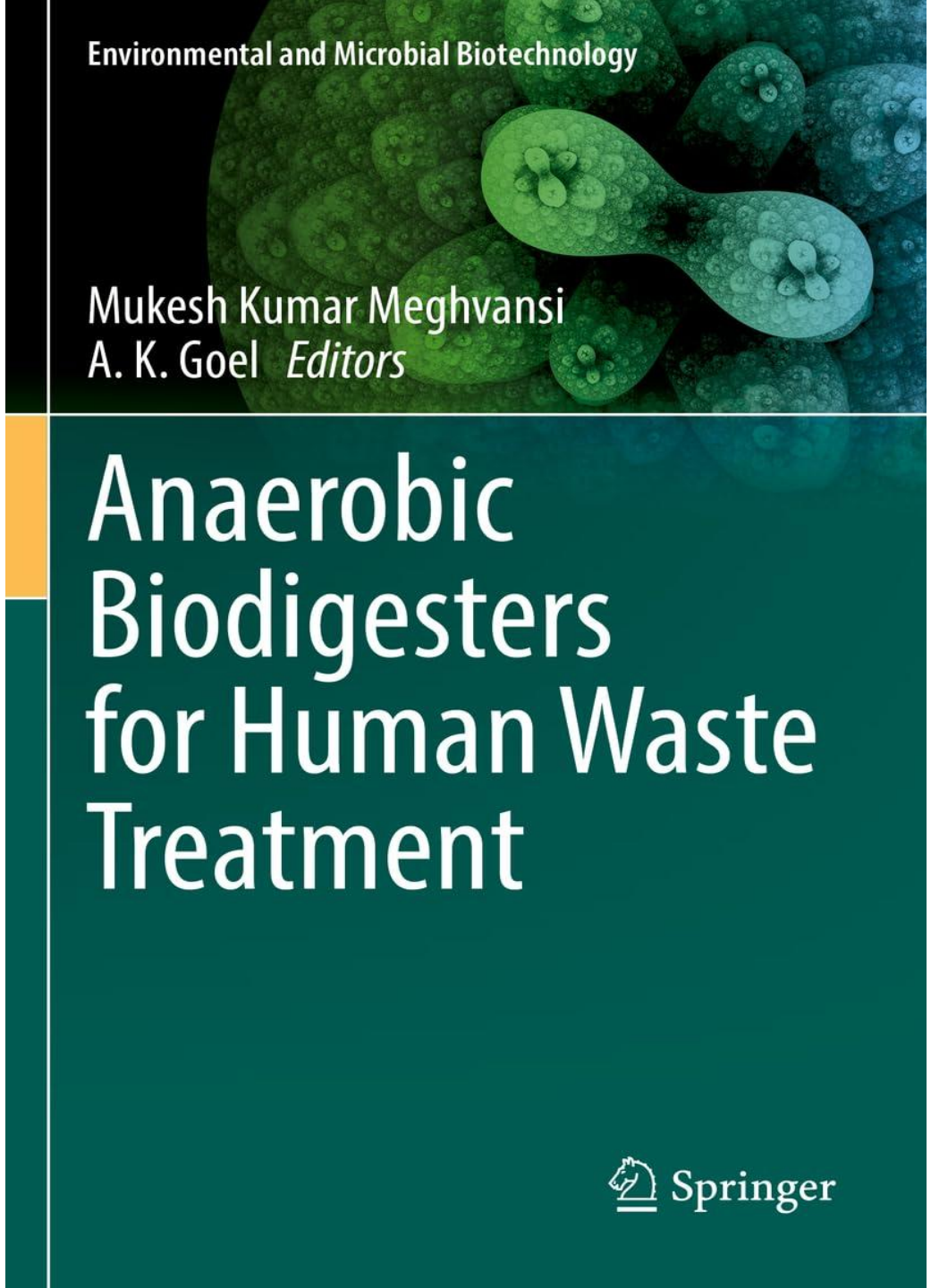
Graduate Aptitude Test in Engineering is one of the preliminary tests for undergraduate subjects in Engineering or Technology or Architecture and postgraduate subjects in the Science stream. Besides giving aspirants a chance to pursue an M.Tech. from institutions like the IITs /NITs, a good GATE score can be highly instrumental in enabling them to land a plush public sector job, as many PSUs are recruiting graduate engineers based on their performance in GATE. The GATE examination pattern has undergone several changes over the years, sometimes apparent and sometimes subtle, and is bound to continue to do so with the changing technological environment. The content has been systematically organised to facilitate easy understanding of all topics. The concepts are accompanied by numerous examples to ensure that students understand the concepts…



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Acc. No : 51523
Call No : 621.042 JON-L

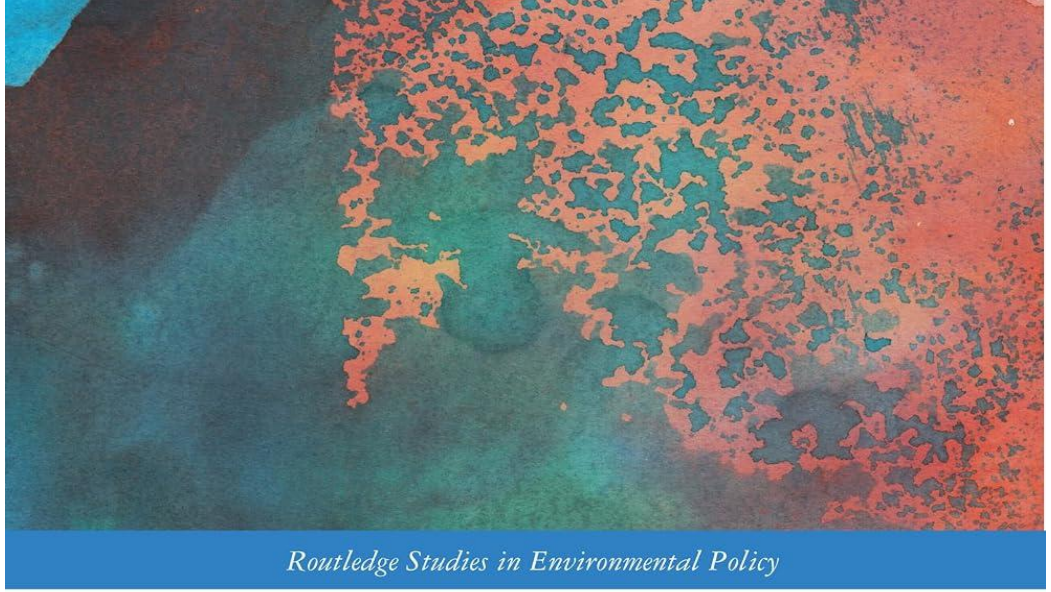
Renewable Energy Integration: Practical Management of Variability, Uncertainty, and Flexibility in Power Grids, Second Edition, offers a distilled examination of the intricacies of integrating renewables into power grids and electricity markets. It offers informed perspectives from internationally renowned experts on related challenges and solutions based on demonstrated best practices developed by operators around the world. The book's focus on practical implementation of strategies provides real-world context for the theoretical underpinnings and the development of supporting policy frameworks. The second edition considers myriad integration issues, thus ensuring that grid operators with low or high penetration of renewable generation can leverage the best practices achieved by their peers. It includes revised chapters…



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Acc. No : 51581
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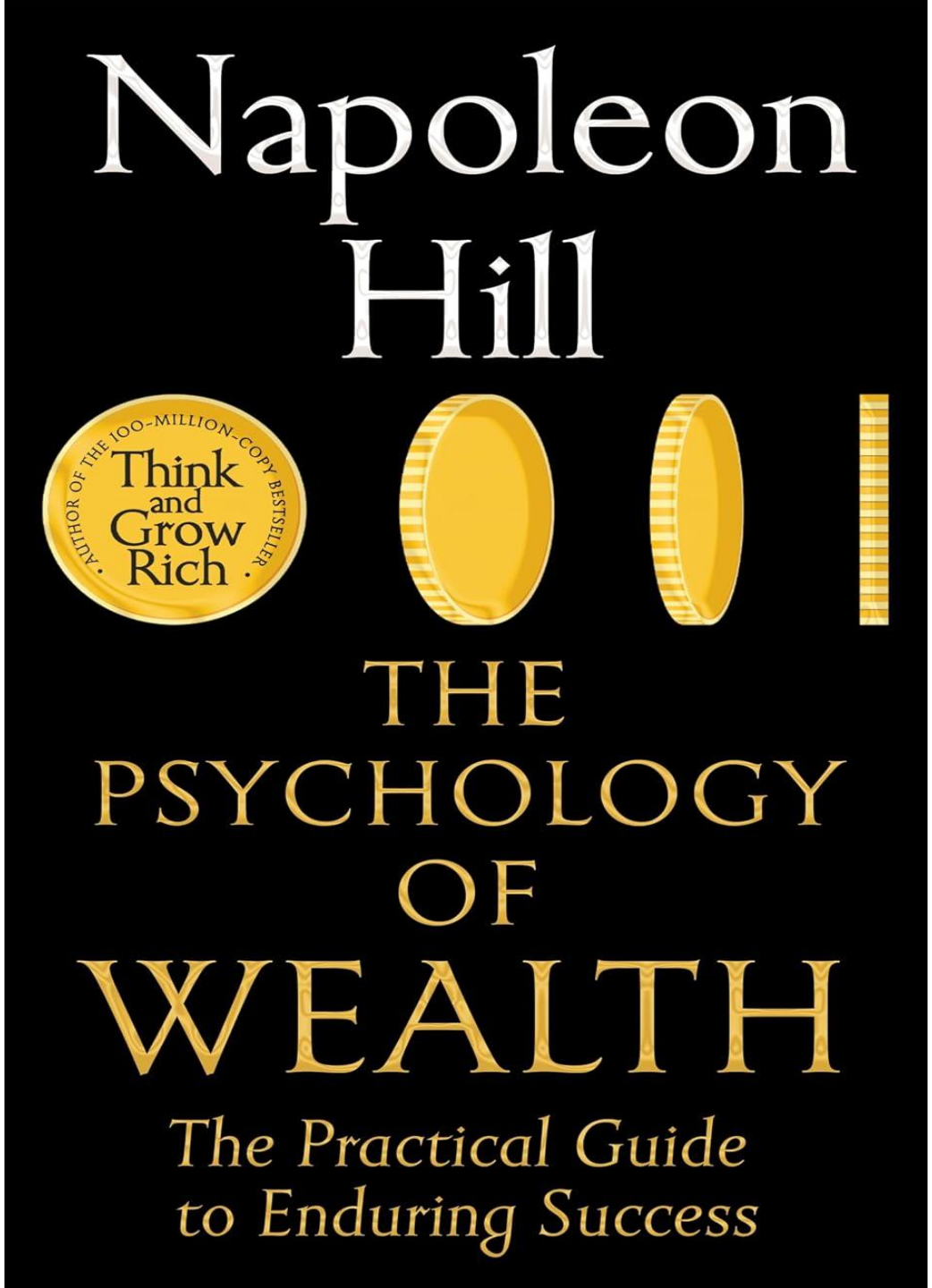
The edited book brings out a comprehensive synthesis of latest scientific literature covering various important aspects of anaerobic biodigesters for human waste management that ranges from the latest understanding of fundamental concepts or mechanisms of anaerobic biodigestion, modern tools and techniques used in process evaluation, current strategies being recruited for the performance enhancement, and case studies or success stories across the world on applications of biodigesters used in human waste treatment. The anaerobic biodigestion is a process of break-down of organic waste by anaerobic microorganisms in absence of the oxygen. This process has been conventionally used for treating various types of organic waste including sewage sludge. After optimizing various process parameters, researchers have…



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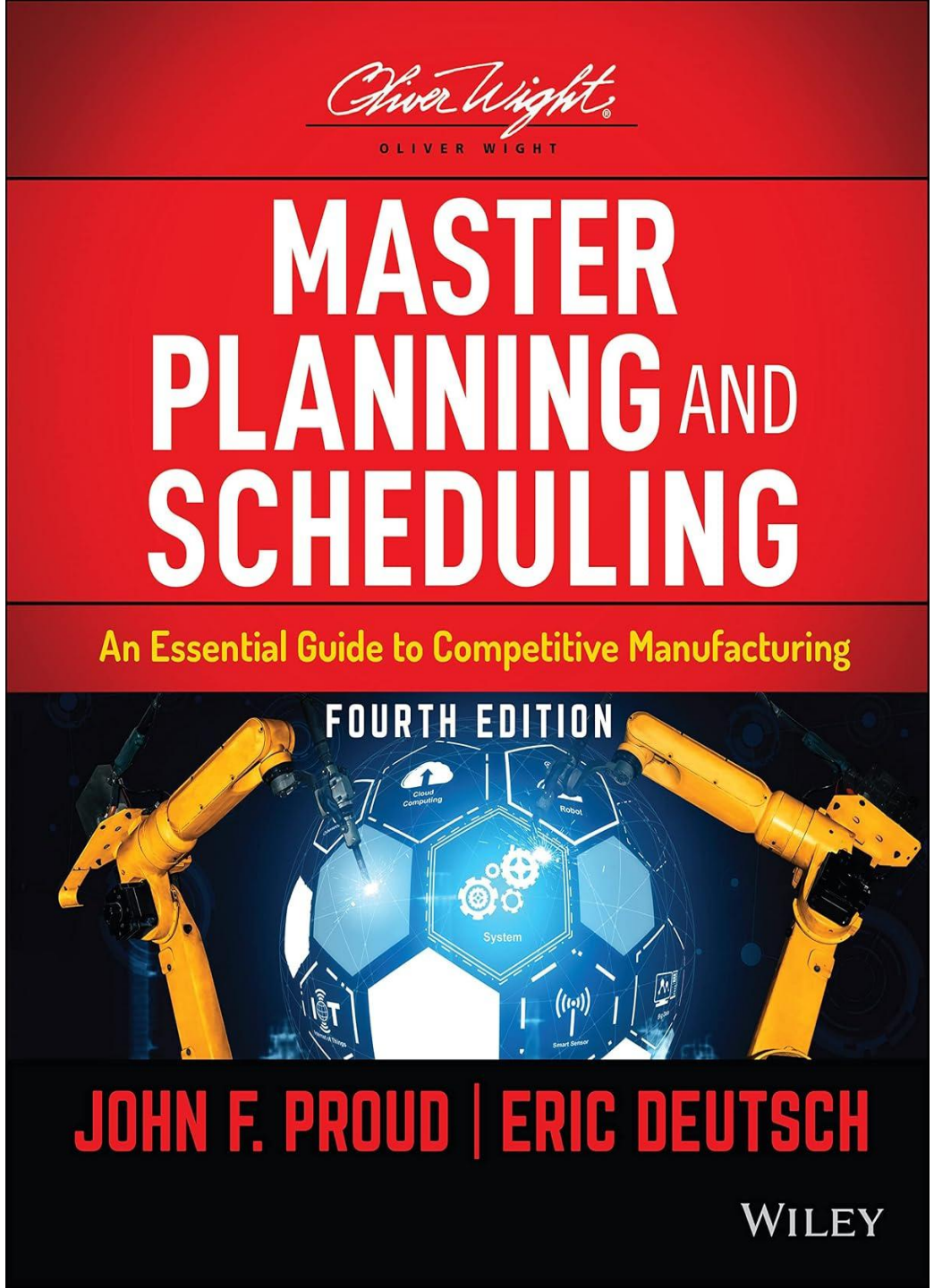
Aquaculture is increasingly complementing global fisheries and is relevant to ocean and freshwater health, biodiversity and food security, as well as coastal management, tourism and natural heritage. This book makes the case for treating the governance of this industry as meriting attention in its own right, abandoning the polemic discussions of fish farming and opening up new ways for debating its past, present and future. Developing and applying an original analytical framework for studying fish farming aquaculture, embedded into larger theory about the changing political system, the author generates and compares new data on the governance of aquaculture. Detailed case studies are presented of Scottish salmon, Aquitaine trout in France and seabass and seabream in Greece. The book shows how ecological issues are related to economic and social…



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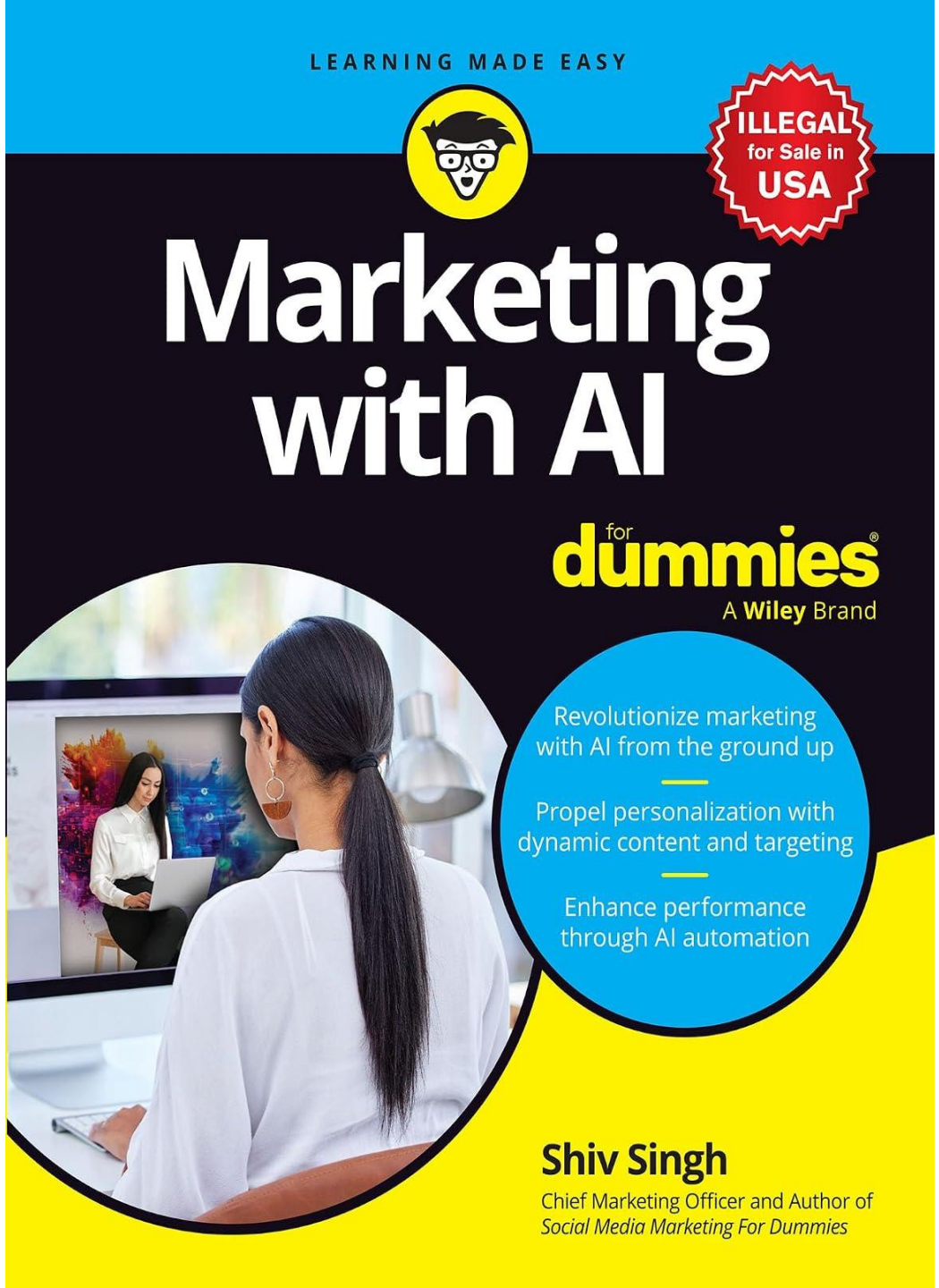
Napoleon Hill's teachings have guided countless individuals to achieve extraordinary success. Recognized as one of the founding fathers of personal success literature, he has led millions to discover the power of personal belief and achieve extraordinary success. The Psychology of Wealth merges two of Hill's pivotal works, The Master Key to Riches and The Magic Ladder to Success, alongside three transformative essays, to create an essential road map to wealth and self-improvement. This book distils Hill's essential teachings into one comprehensive volume, offering practical wisdom for anyone seeking financial freedom and personal growth. Full of Hill's life-altering principles, The Psychology of Wealth offers a revolutionary path to self-empowerment and fulfilment, helping readers create the reality they desire and succeed in every area…



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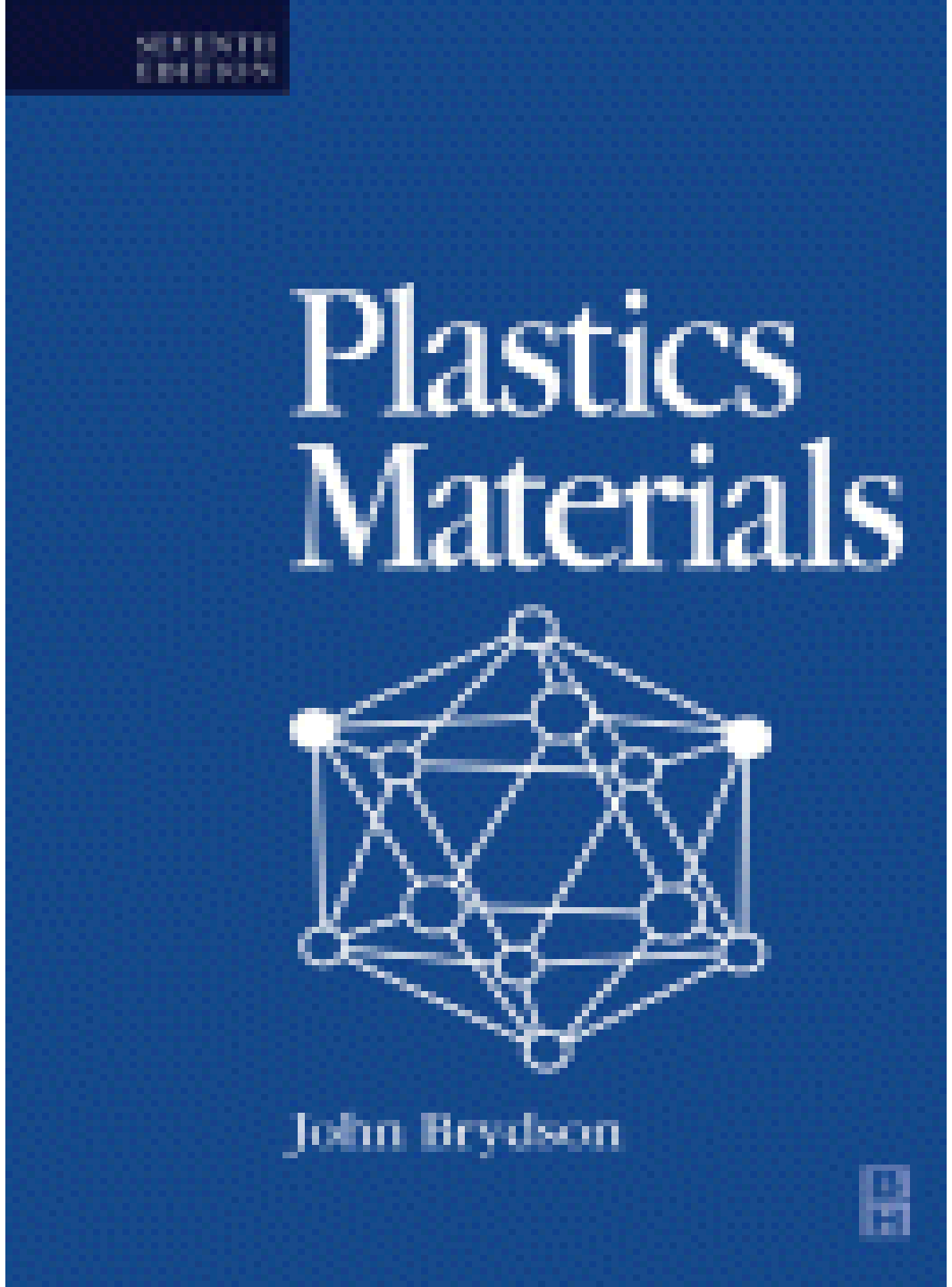
Discover the practical, real-world advantages of the Oliver Wight master planning and scheduling methodology. The newly revised Fourth Edition of Master Planning and Scheduling: An Essential Guide to Competitive Manufacturing delivers a masterful exploration of today's master planning and scheduling techniques, as well as an insightful discussion of the future of the master planning and scheduling processes and profession. Written in the context of an ever-evolving digital environment and augmented with new and critical information required to implement best practices, the book is a guide for practitioners and leaders on the principles of master planning and scheduling and its application in modern and future work environments. In this book, readers will learn Insights regarding top-down, bottom-up, and side-to-side…



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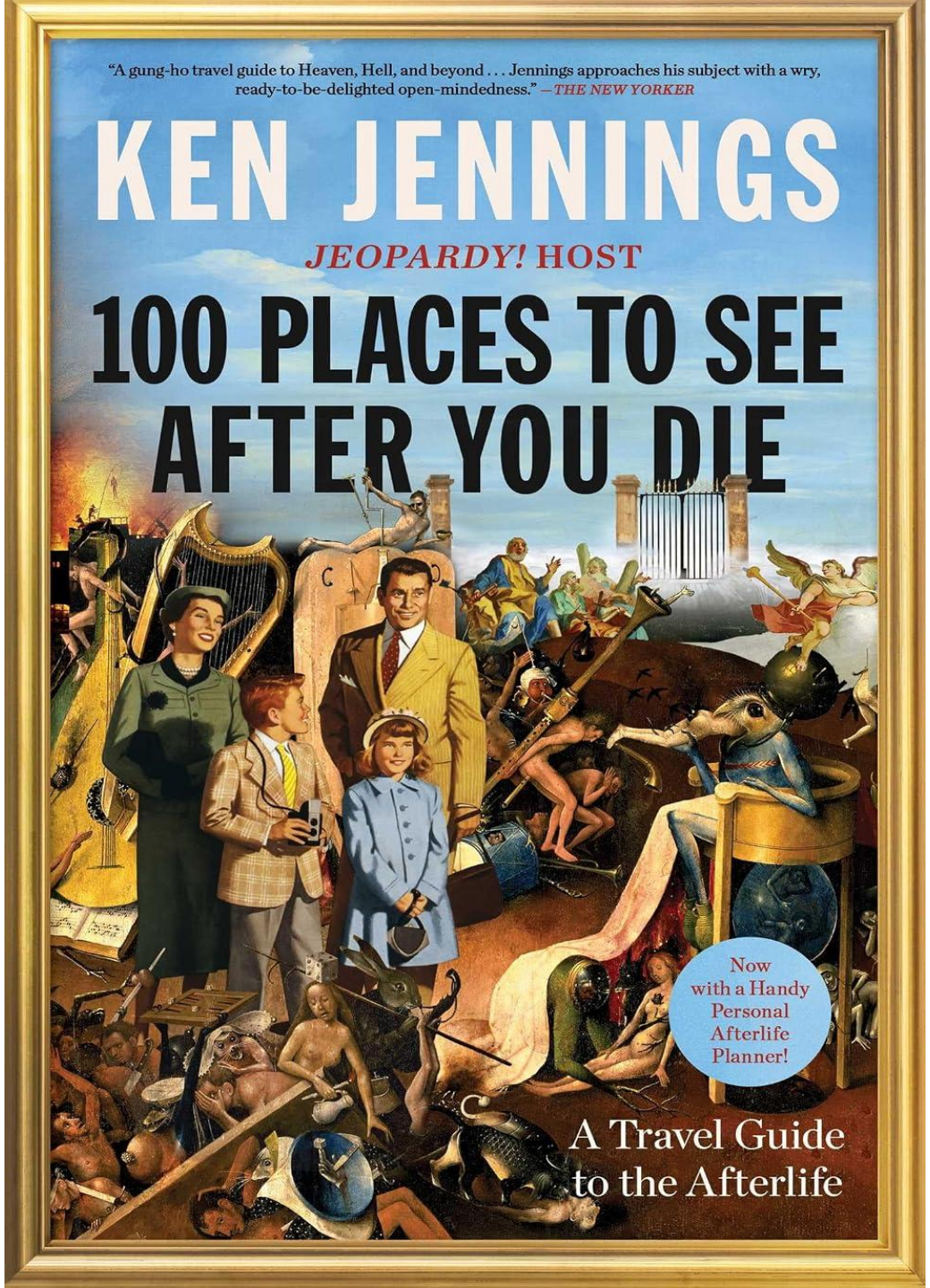
Marketing with AI For Dummies is your introduction to the revolution that's occurring in the marketing industry, thanks to artificial intelligence tools that can create text, images, audio, video, websites, and beyond. This book captures the insights of leading marketing executive Shiv Singh on how AI will change marketing, helping new and experienced marketers tackle AI marketing plans, content, creative assets, and localised campaigns. You'll also learn to manage SEO and customer personalisation with powerful new technologies. Peek at the inner workings of AI marketing tools to see how you can best leverage their capabilities. Identify customers, create content, customise outreach, and personalise the customer experience with AI. Consider how your team, department, or organization can be retooled to thrive in an AI-enabled world. Learn…



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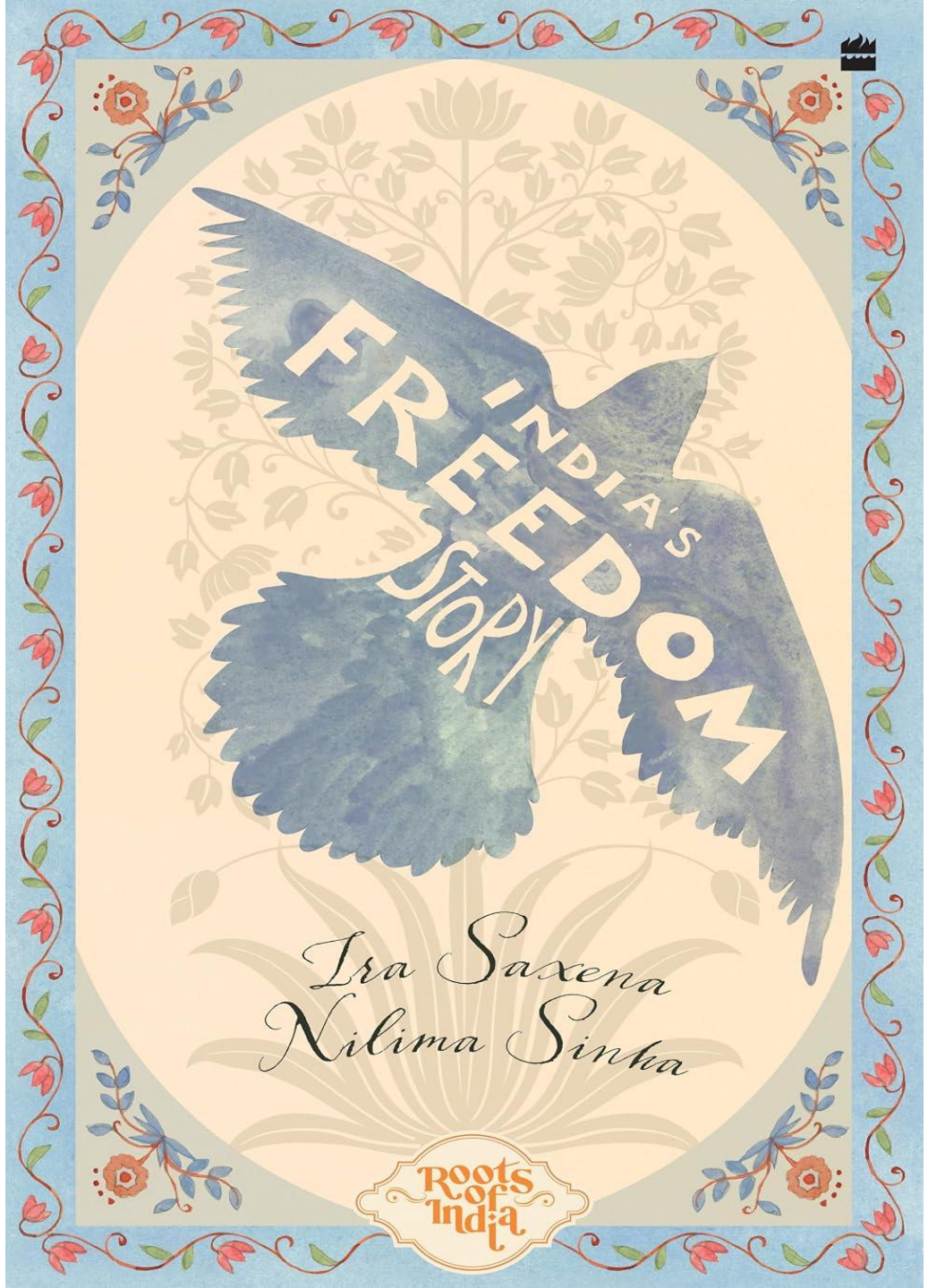
The seventh edition of this classic reference work once more provides a comprehensive overview of commercially available plastics materials. Bridging the gap between theory and practice, it enables scientists to understand the commercial implications of their work as well as providing technologists with a theoretical background. Since the previous edition, several new materials have been announced. Many of these materials result from metallocene catalyst technology. In addition, developments also continue with condensation polymers, with several new polyester-type materials of interest for bottle-blowing and/or degradable plastics. New phenolic-type resins have also been announced. As with previous editions, an explanation of the properties of these new materials in terms of their structure and morphology…



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Call No : 817.6 JEN-K

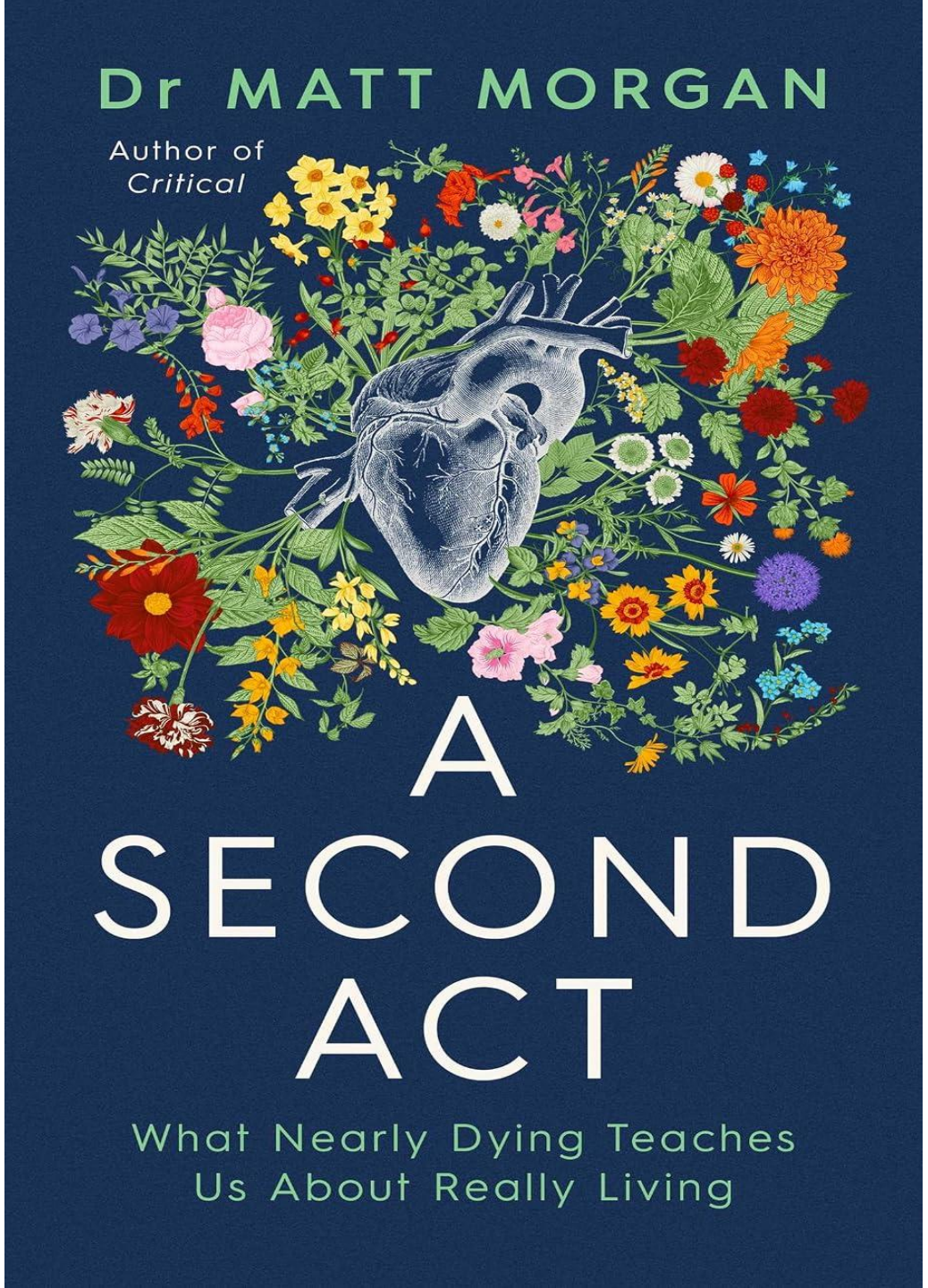
Ever wonder which circles of Dante's Inferno have the nicest accommodations? Where's the best place to grab a bite to eat in the ancient Egyptian underworld? How does one dress like a local in the heavenly palace of Hinduism's Lord Vishnu, or avoid the flesh-eating river serpents in the Klingon afterlife? What hidden treasures lie off the beaten path in Hades, Valhalla, or TV's The Good Place? Find answers to those questions, and more about the world to come, in this eternally entertaining book from Ken Jennings. Written in the style of iconic bestselling travel guides, Jennings wryly outlines journeys through the afterlife, as dreamed up over 5,000 years of human history by our greatest prophets, poets, mystics, artists, and TV showrunners. This comprehensive index of 100 different afterlife destinations was meticulously…



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Call No : 954.035 SAX-I

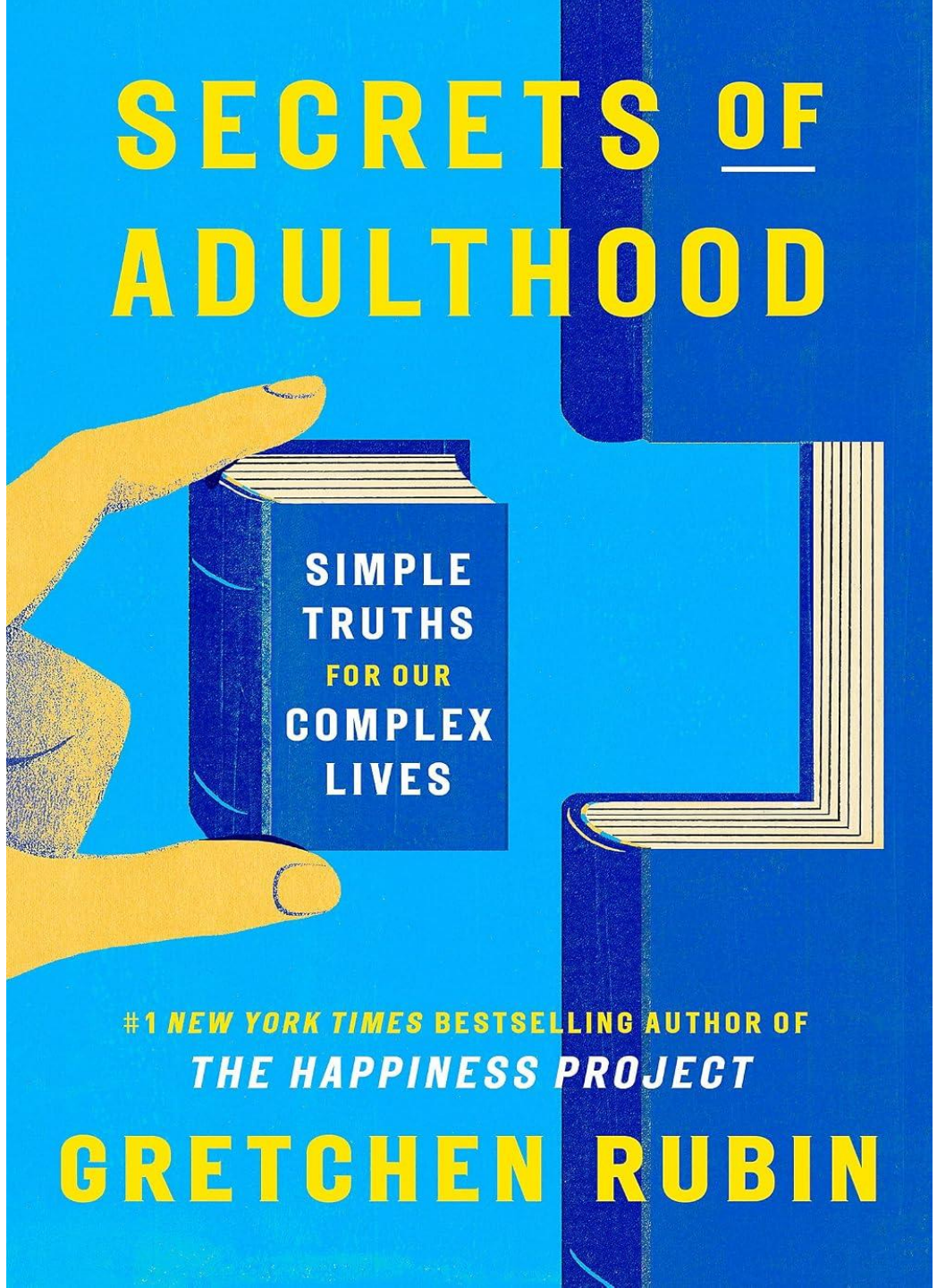
India's Freedom Story traces the country's extraordinary journey to attain freedom from the British. This book brings alive the key events of the freedom struggle such as: The arrival of the East India Company, the Great Indian Uprising, Gandhi's emergence as a leader, the Salt Satyagraha, Partition, and the Indian Constitution. It discusses the role of political thinkers like Raja Rammohan Roy, Swami Vivekananda, Jawaharlal Nehru, Subhash Chandra Bose, Abul Kalam Azad, Vallabhbhai Patel and Mohandas Karamchand Gandhi, and recounts the true stories of courage, grit and resistance of the freedom fighters. India's Freedom Story also explores the broader idea of freedom and what it means to today's youth. This brilliantly illustrated book includes contemporary events from India and beyond, such as the recent Black Lives…



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Acc. No : 51422
Call No : 155.937 MOR-M

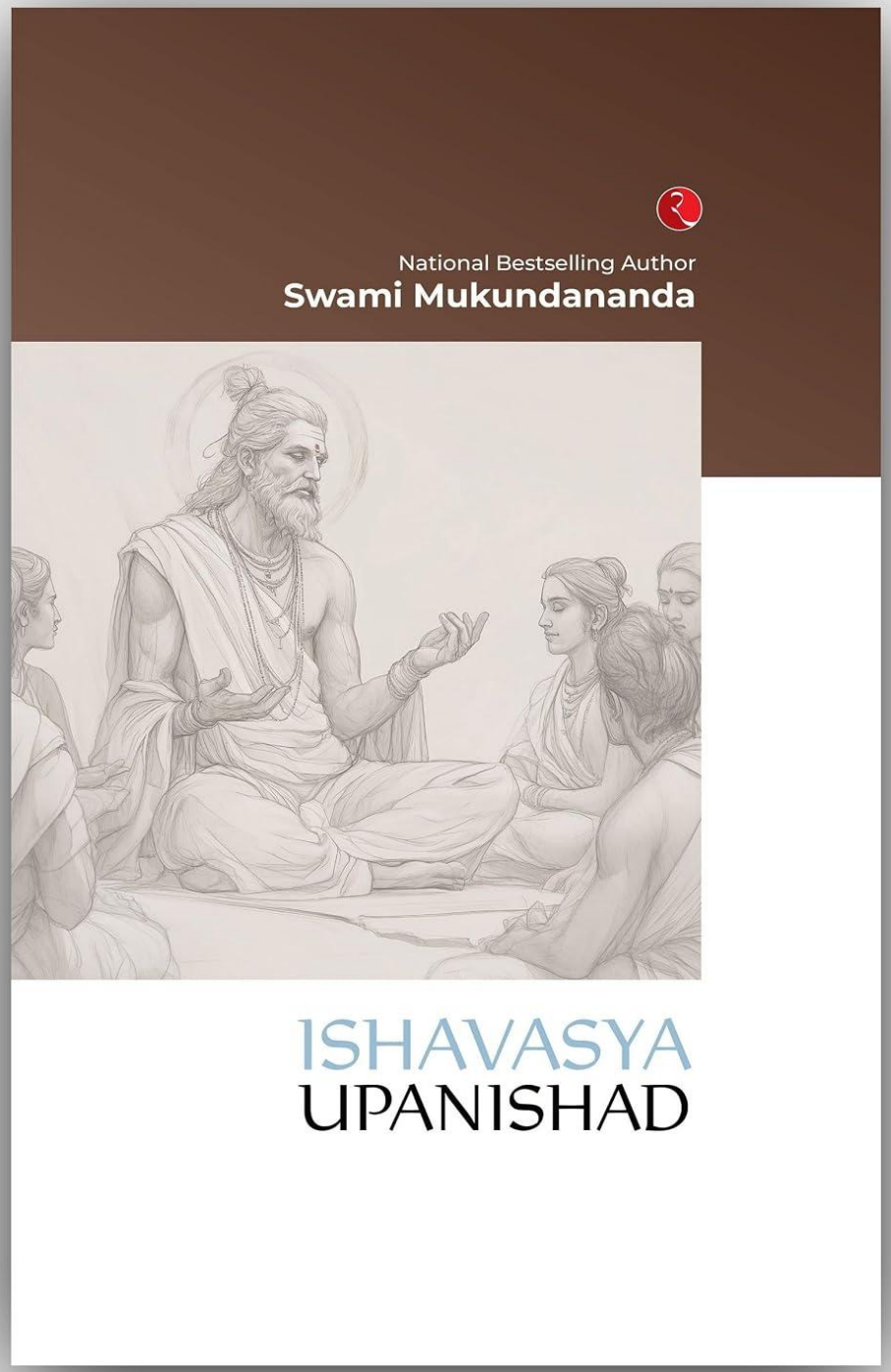
I've worked as a doctor for over twenty years, caring for patients who are in the thick fog between life and death. I've met hundreds of people who have died, were resuscitated and lived. I've long thought that these are the people that we should be listening to, not influencers or business gurus. They know what really matters. Dr Matt Morgan has met hundreds of people who've come back from the dead. Their hearts stopped, their bodies unresponsive, rescued from the brink of death by the modern intensive care techniques he specialises in. People like Ed, who was walking through a park when there was a bang, a bright light and then nothing. Ed had been hit by a bolt of lightning 300 million volts, enough to power a city for a day- that coursed through his body, short-circuiting his heart. Ed was given life-saving CPR…



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Acc. No : 51258
Call No : 158.1 RUB-G

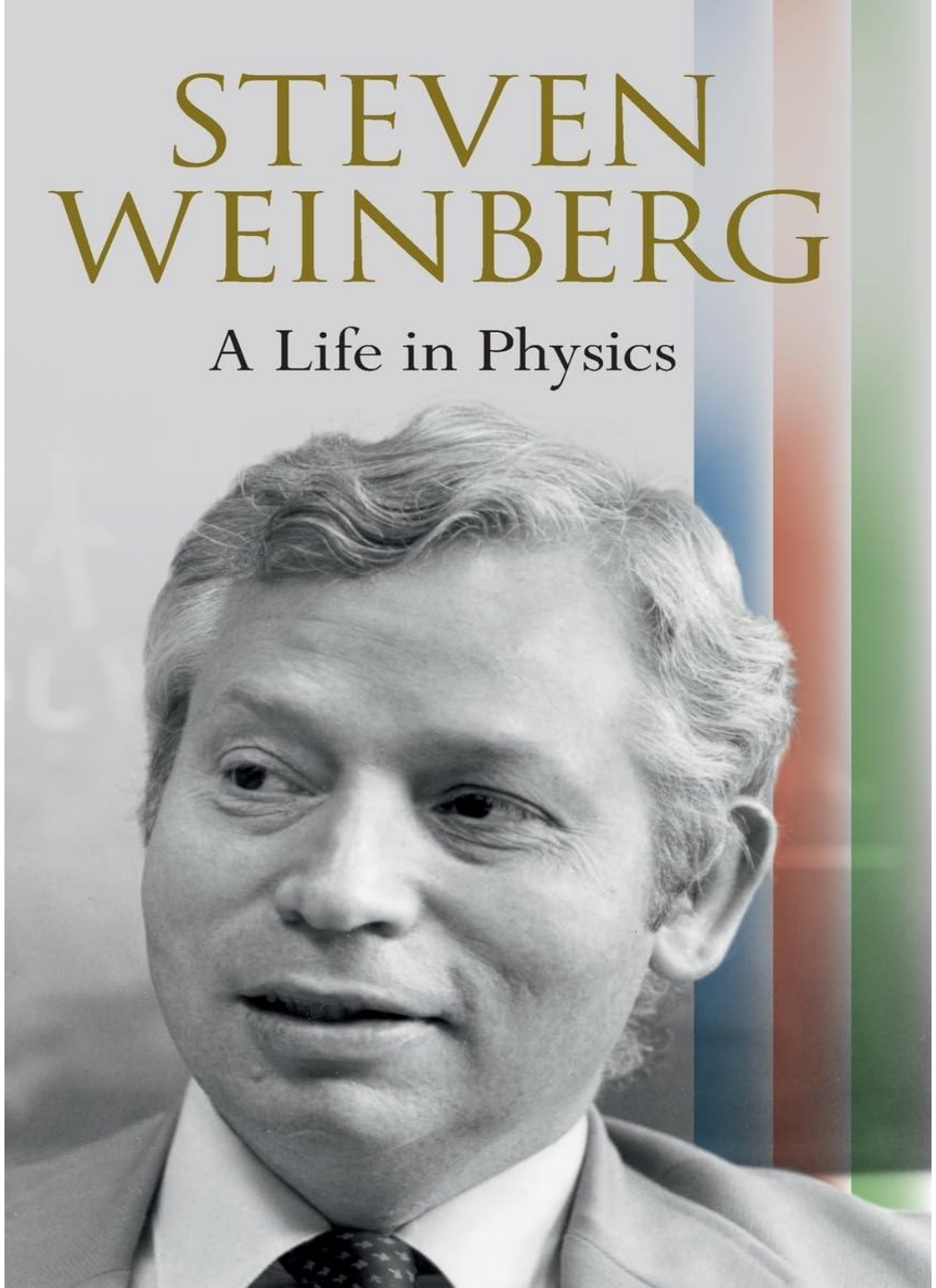
The right idea, invoked at the right time, can change your life. Drawing from her long studies of happiness, and also from the challenges she's faced herself, writer Gretchen Rubin has discovered the Secrets of Adulthood that can help us manage the complexities of life. To convey her conclusions, she turned to the aphorism, the ancient literary discipline that demands that a writer convey a large truth in a few words. Perhaps you' 're paralyzed by indecision, struggling to navigate a big change, fighting a temptation, or puzzled by the behaviour of someone you love; whatever you face, the right aphorism can help. From procrastination to the pursuit of happiness, Secrets of Adulthood is filled with witty and thought-provoking reflections such as: Recognise that, like sleeping with a big dog in a small bed, uncomfortable things can…



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Acc. No : 51320
Call No : 294.59218 MUK-S

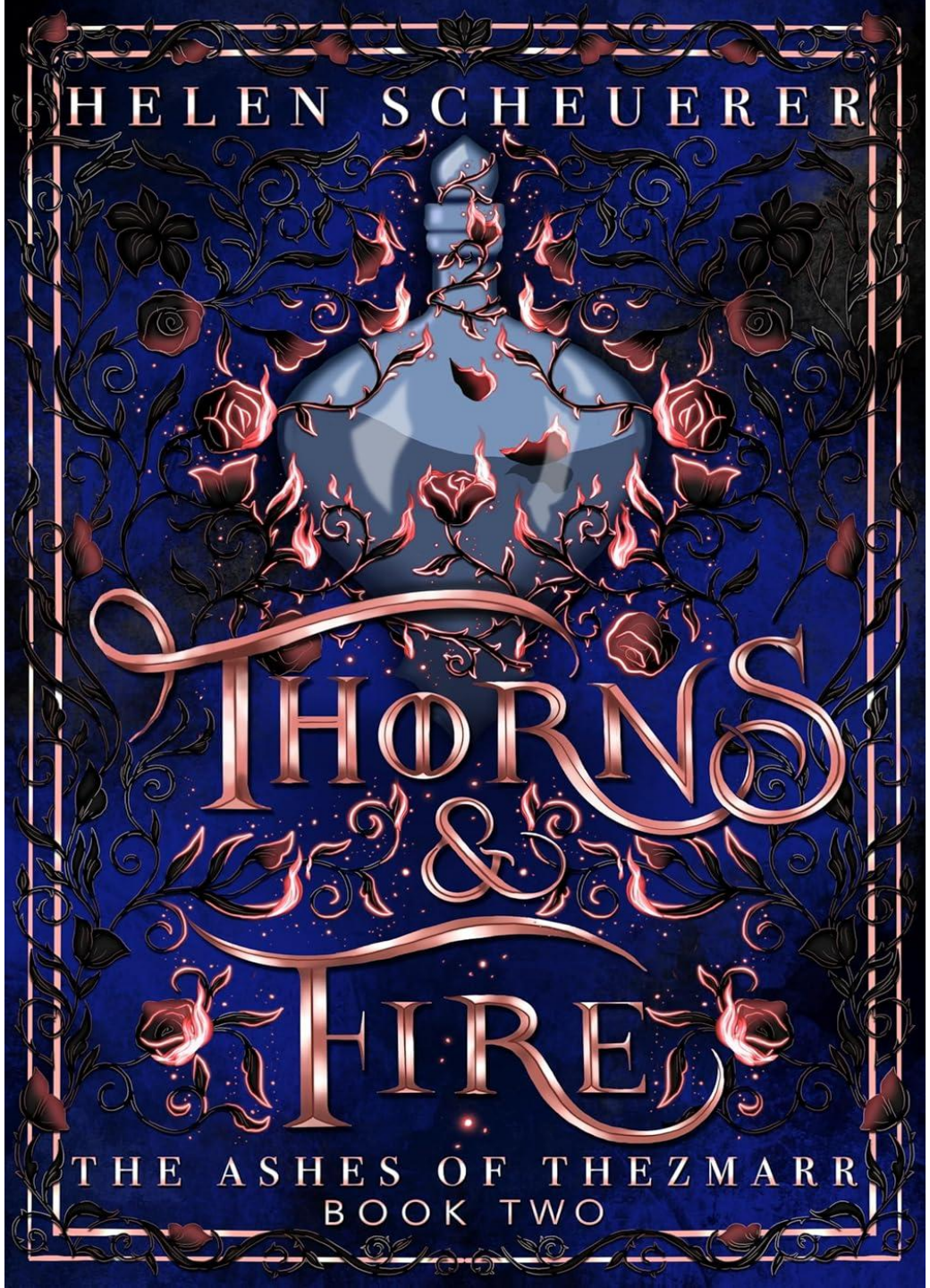
The Upanishads help us solve the mystery of life and creation. They reveal to us the nature of the Absolute Truth. The knowledge they expound is unmatched in its sublimity. Along with philosophic insights, the Upanishads provide clear methodologies for spiritual elevation. They are eminently capable of guiding souls from material bondage to spiritual perfection. For this reason, these holy books are held in the highest esteem.
The Ishavasya Upanishad is considered the first Upanishad in the Vedic structure. Its beautiful and profound name means 'the Upanishad of the all-pervading God'. The uniqueness of this sacred text is that it skilfully resolves contrary viewpoints. And in doing so, it provides the wisdom for achieving a harmonious balance among the different dimensions of life…



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Acc. No : 50947
Call No : Biography WEI-S

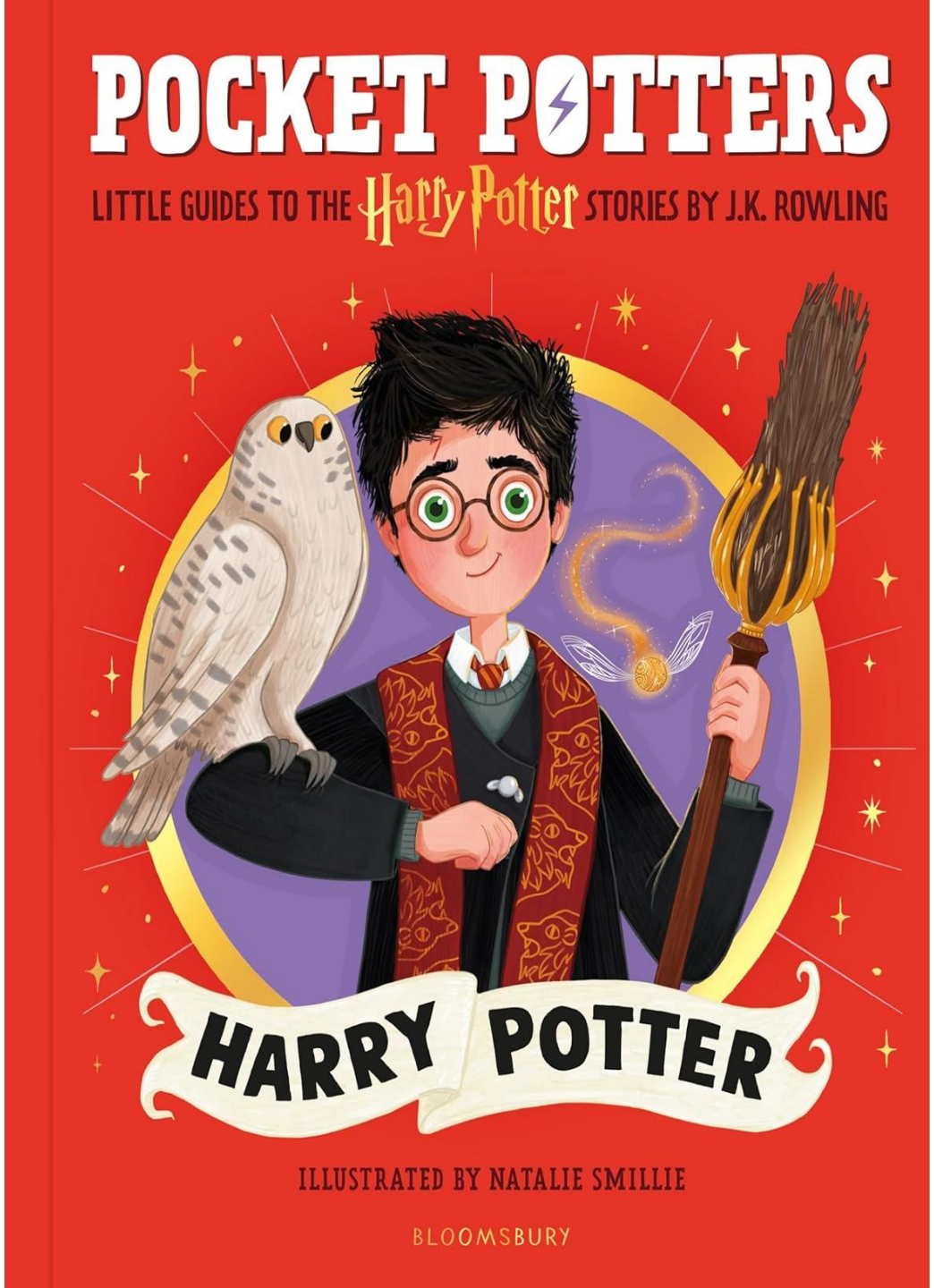
Steven Weinberg shares his candid thoughts, in his own words, on theoretical physics and cosmology, along with personal anecdotes and recollections of the people who helped shape his career. These memoirs of his life as a scientist and public figure cover his student days and early career, through the golden age of particle physics in the 1970s, his being awarded the Nobel prize, through to the end of the twentieth century. In addition to his research insights, Weinberg provides glimpses into his life in academia more broadly: dealing with the 'two-body problem', tenure, international conference travel, his book-writing, advisory work with JASON, and his advocacy for the Superconducting Super Collider. Physicists, historians of science and interested readers will find the presentation engaging and often witty, as Weinberg…



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Acc. No : 51506
Call No : Fiction SCH-H

Wren Embervale and Torj Elderbrock share a dark and bloody history. With Thezmarr on the brink of another war, and overwhelmed by the force of their feelings for one another, Torj discovers there is far more to their bond than mere passion. The legendary Warsword is determined to protect Wren at all costs, even if it means lying to her. Even if it means losing her forever. Meanwhile, Wren is struggling to find her place in the world – both as an advanced student of alchemy at the ancient academy of Drevenor, and as one of the heirs to a lost kingdom. With the midrealms once again facing destruction, Wren must decide: Loyalty or liberation? Legacy or love? As new political players emerge, Wren discovers that her gift for alchemy is more powerful than she ever imagined and that it could tear the kingdoms apart. Will she and Torj find their way back to…



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Acc. No : 50999
Call No : Fiction ROW-J (Young Learners)

From the original publishers of Harry Potter come the Pocket Potters, a brand-new, gorgeously illustrated, collectable series packed with exciting story moments, quotes and fun information about Harry, Ron and Hermione, with more wizarding favourites to come! The perfect gift for younger readers who love Harry Potter, each book introduces a much-loved character with bright, full-colour illustrations and magical details. These mini guides are packed with things to see and spot, without revealing any surprises that could spoil the joy of reading the stories. Beautifully made and great for the whole family to share, the Pocket Potters are a brilliant way to start your Harry Potter bookshelf. Lifelong fans, too, will love revisiting the wizarding world through wonderfully drawn pages, spotting the many hidden details and…

Links to Access Library Resources / Services

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

E-Resources Link: https://bitspilani-hyd-opac.kohacloud.in

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


7A
Thank you