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Hyderabad Campus



Acc. No : 45856

Call No : 005.1 PAY-R

Beginning App Development with Flutter

Create Cross-Platform Mobile Apps

—
Rap Payne

Apress®

Create iOS and Android apps with Flutter using just one codebase. App development on multiple platforms has historically been difficult and complex. This book breaks down complex concepts and tasks into easily digestible segments with examples, pictures, and hands-on labs with starters and solutions. In doing so, you'll develop a basic understanding of the Dart programming language, the entire Flutter development toolchain, the differences between stateful and stateless widgets, and a working knowledge of the architecture of apps. This book covers all the most important parts of app development with Flutter. Work with themes and styles. Develop custom widgets. Teach your app to respond to gestures like taps, swipes, and pinches. Design, create and control the layout of your app. Create tools to...

O'REILLY®

Robust Python

Write Clean and Maintainable Code



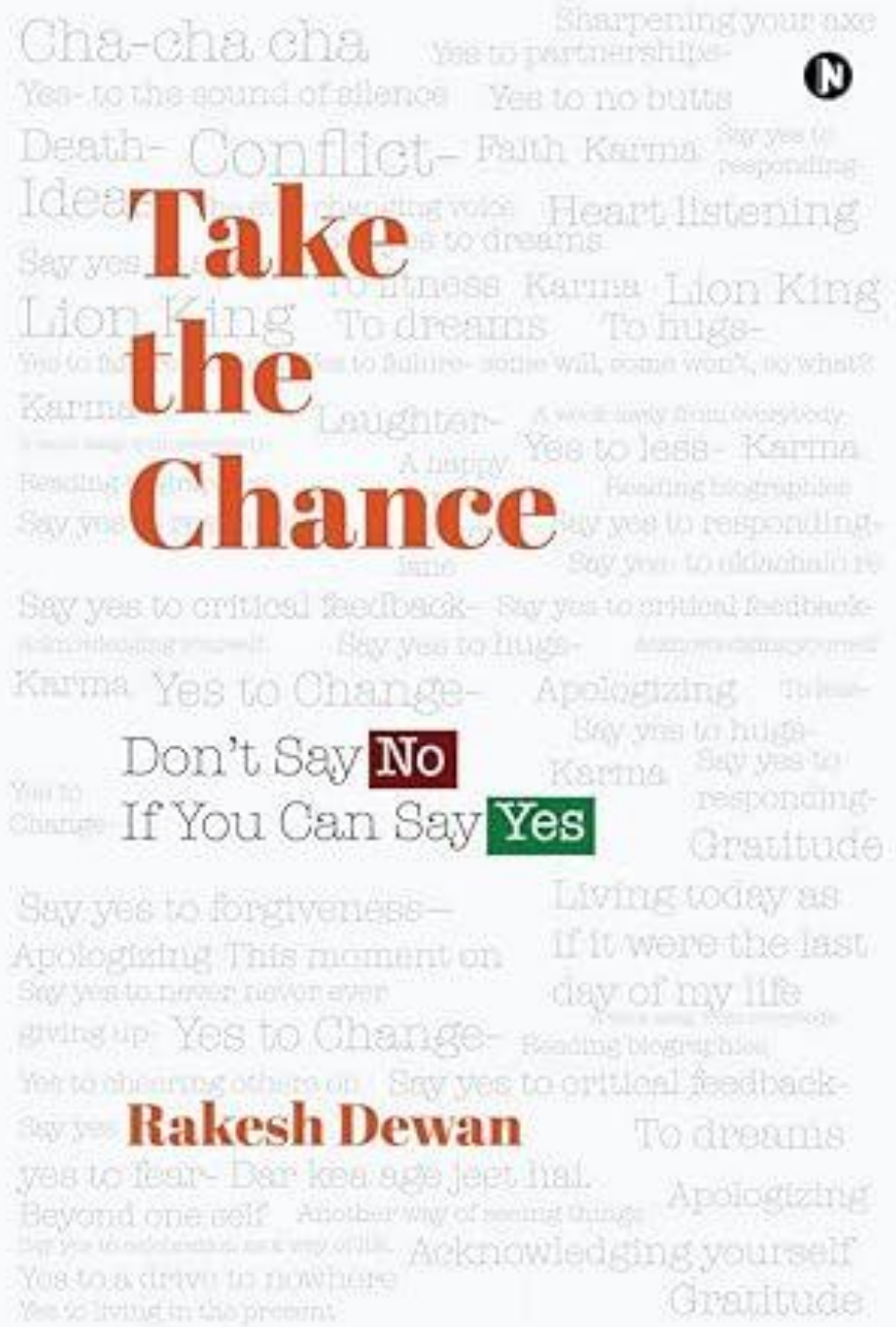
Acc. No : 46287

Call No : 005.133 VIA-P

Does it seem like your Python projects are getting bigger and bigger? Are you feeling the pain as your codebase expands and gets tougher to debug and maintain? Python is an easy language to learn and use, but that also means systems can quickly grow beyond comprehension. Thankfully, Python has features to help developers overcome maintainability woes. In this practical book, author Patrick Viafore shows you how to use Python's type system to the max. You'll look at user-defined types, such as classes and enums, and Python's type hinting system. You'll also learn how to make Python extensible and how to use a comprehensive testing strategy as a safety net. With these tips and techniques, you'll write clearer and more maintainable code. Learn why types are essential in modern...



Patrick Viafore



Acc. No : 47020
Call No : 158.1 DEW-R

Saying Yes when one is tempted to say No is a definite way of moving out of ones comfort zone and attracting new outcomes. Saying Yes to living life is the biggest treasure of all and is the soul of this book and its inspiration. A determined Yes as against the habitual No is the choice that often changes the course of our lives. It is the Yes that allows relationships, love and life to blossom. In the ordinary, you may discover the extraordinary. Taking chances is indeed all about venturing beyond your comfort zone and embracing the unknown. It provides an avenue for personal growth and self-discovery by allowing you to confront challenges and learn from them. Stepping into unfamiliar territory pushes you to develop new skills and acquire knowledge that can be applied in various...

BESTSELLING AUTHOR OF EMOTIONAL INTELLIGENCE

Daniel Goleman and
Tsoknyi Rinpoche

Why

7 SIMPLE
PRACTICES
FOR A
CALMER
MIND

We

Meditate

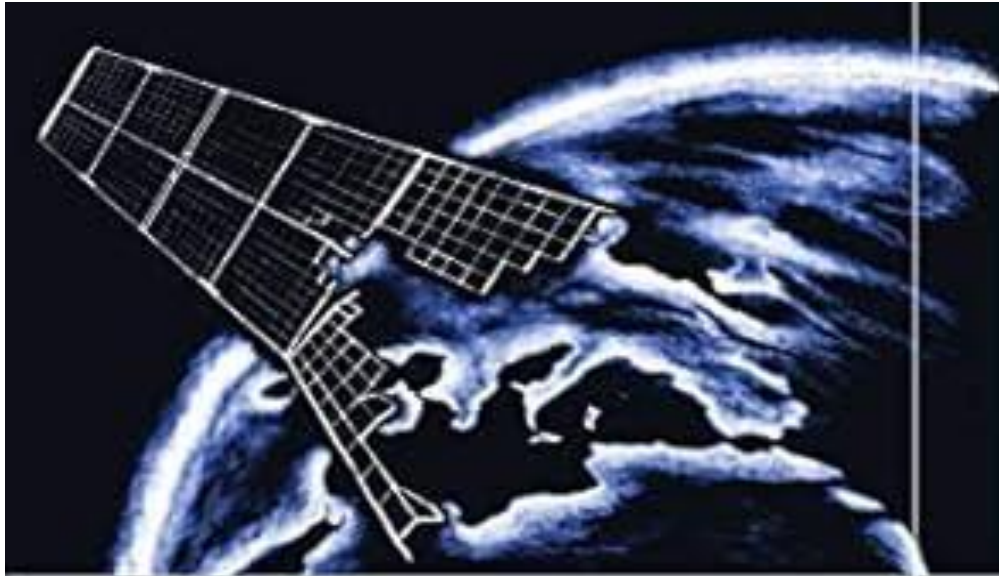
'The perfect guide for finding
true inner peace' Ruby Wax



Acc. No : 47211

Call No : 291.4 GOL-D

Put yourself back in control of your mind and your life with these meditation practices proven by neuroscientific research. In this modern digital age, many of us feel overwhelmed, panicked and short on time. The practice of meditation is an ancient and scientifically proven antidote to that frenzied feeling. Combining scientific expertise and spiritual wisdom, this is a practical guide on how it can help you feel calm and in control. With chapters on Breathing, Compassion and Worry, it is full of empirically proven and easy-to-follow exercises that will help you tackle mental obstacles, including issues such as self-doubt and negative thought patterns. This is a fresh perspective on meditation that will uplift and soothe your mind, whether you're new to it or not. This books gives a good insight of...



SPACE DEBRIS PERIL

Pathways to Opportunities

Capacity Building in the New Space Era

Edited by
M. Madi
O. Sokolova



Acc. No : 47246

Call No : 363.7280 MAD-M

This book provides up-to-date knowledge of space debris and valuable insights on how to grapple with this issue from legal, technical, economical and societal aspects. I would strongly recommend that everyone who is working on space development and utilizations and even non-specialists once read this book and think over how human being should be faced with this issue. Prof. Shinichi Nakasuka, University of Tokyo, Japan Space Debris Peril Pathways to Opportunities takes readers through the wide spectrum of problems created by space debris including technical, political, legal and socio-economical aspects and suggests ways to mitigate its negative consequences and create new opportunities. With chapter contributions from authors at world-renowned universities, private or...



Fundamentals of Numerical Methods

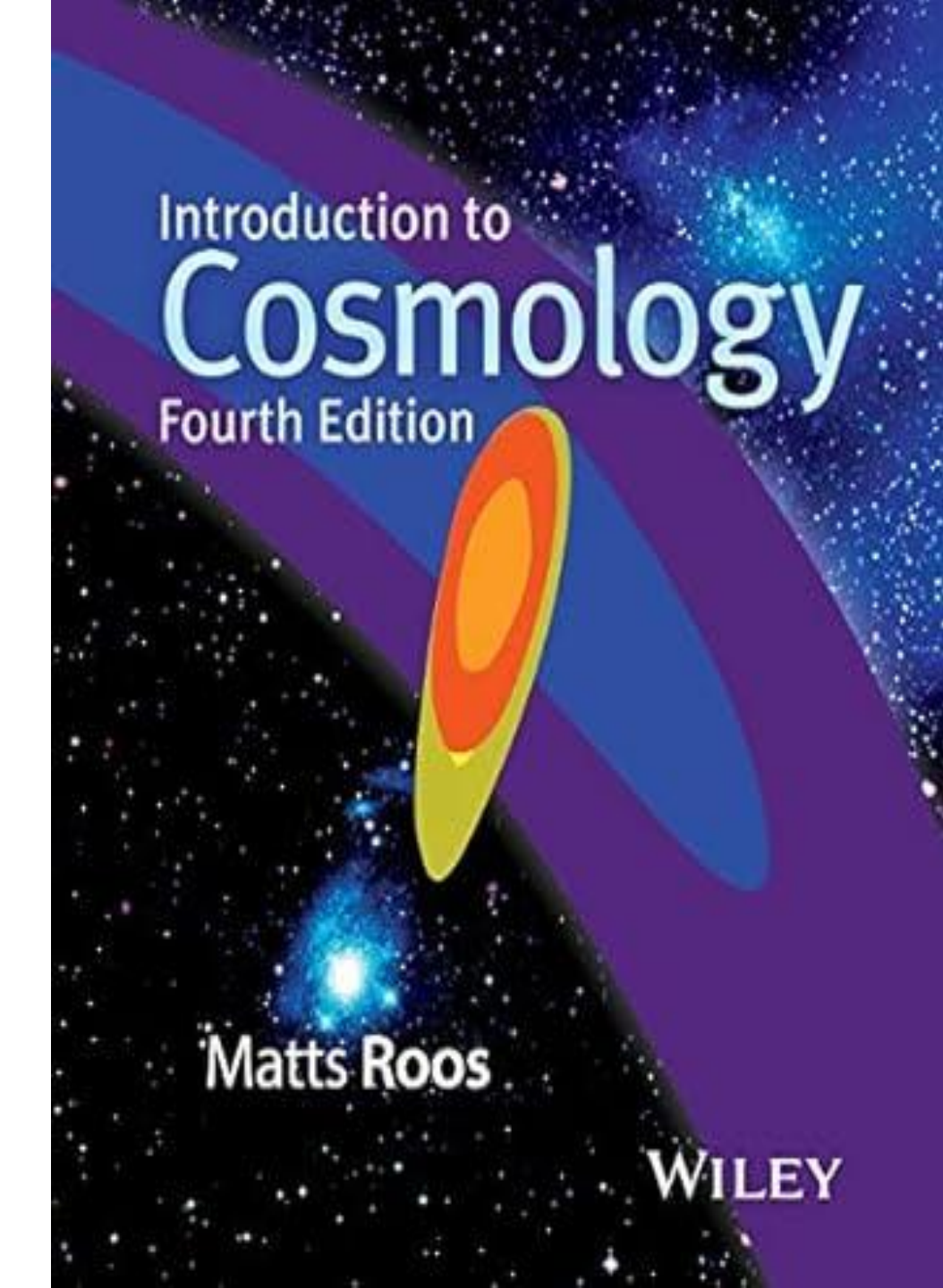
Rajeev K Bansa



Acc. No : 47262

Call No : 518 BAN-R

Fundamentals of Numerical methods presents the fundamental concepts of numerical methods for the students of mathematics, physics and engineering. The text attempts to strike a balance between abstract and applied expositions of numerical analysis. Insofar as possible, each concept is developed in a clear and concise manner, and illustrated by pedagogically sound examples so that the material can be assimilated, even if the theoretical development is not fully understood. The book caters to the readers who are interested in the applications of numerical methods. It will also be of interest to the students of pure mathematics who are exposed to the numerical methods for the first time. Analyzes the question and breaks down difficult terms and concepts Contains nearly 200 solved examples and..



Introduction to
Cosmology
Fourth Edition

Matts Roos

WILEY



Acc. No : 41801

Call No : 523.1 ROO-M

The Fourth Edition of Introduction to Cosmology provides a concise, authoritative study of cosmology at an introductory level. Starting from elementary principles and the early history of cosmology, the text carefully guides the student on to curved space times, special and general relativity, gravitational lensing, the thermal history of the Universe, and cosmological models, including extended gravity models, black holes and Hawking's recent conjectures on the not-so-black holes. Introduction to Cosmology, Fourth Edition includes, New theoretical approaches and in-depth material on observational astrophysics and expanded sections on astrophysical phenomena Illustrations throughout and comprehensive references with problems at the end of each chapter and...



Chemical Kinetics

Beyond the Textbook

Katja Lindenberg • Ralf Metzler • Gleb Oshanin
editors

 World Scientific

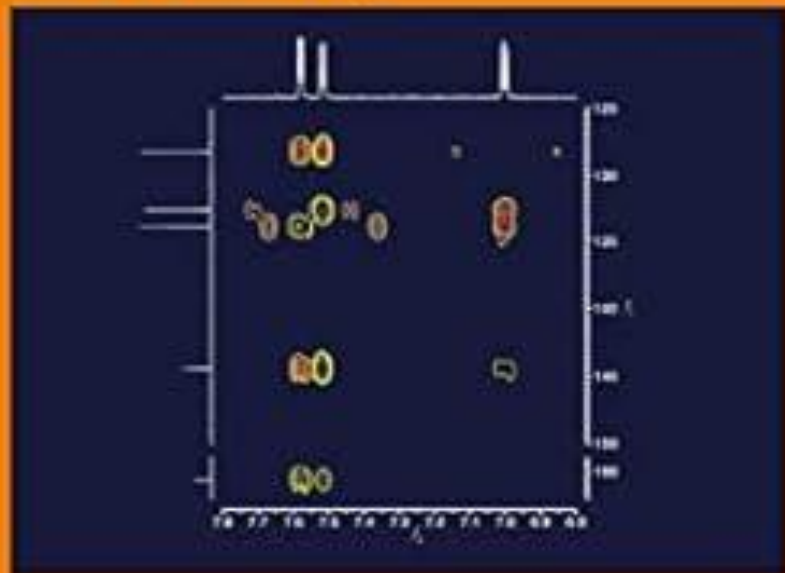
Acc. No : 47199

Call No : 541.394 LIN-K

Processes involving randomly moving particles, which react upon encounter or via distance-dependent reaction rates, are ubiquitous. A few stray examples are recombination of ions or holes and electrons, excitation energy migration and quenching, trapping of particles by other species, coagulation, binding of ligands and proteins to specific sites, chemotaxis, catalytically-induced self-propulsion, polymerization, growth of dendrites or aggregates, or nuclei of a new phase. Several decades ago, it was recognized that the kinetic behavior in some systems with reactions and random transport is strongly affected by many factors which were not considered in previous studies. These are, to name but a few, fluctuations in the spatial distributions of the reactants and changes of the reactivity, some...

Ian Fleming · Dudley Williams

Spectroscopic Methods in Organic Chemistry



Seventh Edition

EXTRAS ONLINE

 Springer



Acc. No : 47220

Call No : 543.5 FLE-I

This book is a well-established guide to the interpretation of the mass, ultraviolet, infrared and nuclear magnetic resonance spectra of organic compounds. It is designed for students of organic chemistry taking a course in the application of these techniques to structure determination. The text also remains useful as a source of data for organic chemists to keep on their desks throughout their career. In the seventh edition, substantial portions of the text have been revised reflecting knowledge gained during the author's teaching experience over the last seven years. The chapter on NMR has been divided into two separate chapters covering the 1D and 2D experiments. The discussion is also expanded to include accounts of the physics at a relatively simple level, following the...

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GEOLOGY

EARTH IN PERSPECTIVE

innovate

achieve

lead

Acc. No : 47230

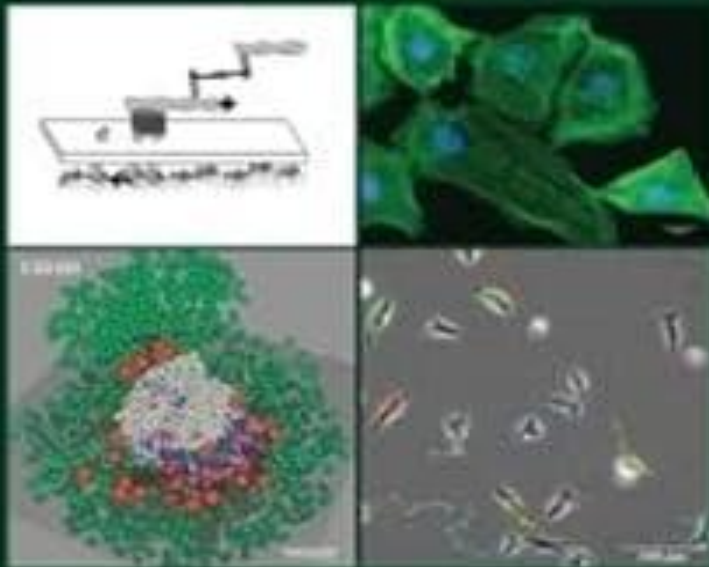
Call No : 551 WIC-R

Wicander or Monroe's **Geology: Earth in Perspective**, 3rd edition, brings geology to life while accommodating your busy lifestyle--and at a value-based price. It provides a complete overview of introductory geology in a succinct, engaging format. Online videos, animations, interactive mapping, and other learning tools further your understanding of physical geology and its relevance to everyday life. The revised text incorporates the latest examples, case studies, and data, including natural disasters, renewable energy, new insight on paleo seismology, sustainability, and updated dating techniques that more accurately identify historic climate change periods. GEO-FOCUS boxes spotlight issues straight from the headlines, and economic and environmental geology topics are integrated...


Chapman & Hall/CRC
Mathematical and Computational Biology Series

CELL MECHANICS

FROM SINGLE SCALE-BASED MODELS TO MULTISCALE MODELING



EDITED BY
**ARNAUD CHAUVIÈRE,
LUIGI PREZIOSI,
AND CLAUDE VERDIER**

 CRC Press
Taylor & Francis Group
A CHAPMAN & HALL BOOK



Acc. No : 47167

Call No : 571.634 CHA-A

Ubiquitous and fundamental in cell mechanics, multiscale problems can arise in the growth of tumors, embryogenesis, tissue engineering, and more. This book discusses the tool of micro rheology for investigating cell mechanical properties, and Multiphasic and multiscale approaches for studying intracellular mechanisms in cell motility. Ubiquitous and fundamental in cell mechanics, multiscale problems can arise in the growth of tumors, embryogenesis, tissue engineering, and more. Cell Mechanics From Single Scale-Based Models to Multiscale Modeling brings together new insight and research on mechanical, mathematical, physical, and biological approaches for simulating the behavior of cells, specifically tumor cells. In the first part of the text, the book discusses the powerful tool of micro rheology...



REVERSING DIABETES

IN **21** DAYS

A nutrition-based approach
to diabetes and related problems

DR NANDITA SHAH
FOUNDER-DIRECTOR, SHARAN INDIA



Acc. No : 43523

Call No : 616.4620 SHA-N

Based on her revolutionary diabetes reversal program, Dr. Nandita Shah, renowned homeopath and founder-director of SHARAN, elaborately breaks down the real cause of diabetes using scientific evidence and intelligently outlines a routine that will not just prevent the disease but also reverse it. By addressing the cause of insulin resistance and lack of insulin, Reversing Diabetes in 21 Days provides a fresh and practical perspective on how to cure diabetes. This book carefully takes into account the Indian context, customs, tastes, and thought processes to tailor the best possible step-by-step guide that an average Indian can follow. Interspersed with testimonials, stories, and real-life experiences of past participants, this book will show you that type 2 diabetes and many cases of...

MICHAEL F. ASHBY

Materials and Sustainable Development

Second Edition



BH



Acc. No : 47232

Call No : 620.11 ASH-M

Materials and Sustainable Development, Second Edition, written by noted materials selection authority Mike Ashby, provides a structure and framework for analyzing sustainable development and the role of materials in it. The book's aim is to introduce ways of exploring sustainable development to readers in a way that avoids simplistic interpretations and approaches complexity in a systematic way. There is no completely 'right' answer to questions of sustainable development, instead, there is a thoughtful, well-researched response that recognizes concerns of stakeholders, conflicting priorities, and the economic, legal and social aspects of the technology and its environmental legacy. The intent of the book is not to offer solutions to sustainability challenges but rather to improve the quality of...

Space Science, Technology and Application Series

PASSIVE INTERMODULATION

CONCEPTS AND TECHNOLOGY



Edited by
Wanzhao Cui • Jun Li • Huan Wei • Xiang Chen

 CRC Press
Taylor & Francis Group

 北京理工大学出版社
BEIHANG INSTITUTE OF TECHNOLOGY PRESS



Acc. No : 47248

Call No : 621.382 CUI-W

Focusing on passive intermodulation, a common instance of distortion in high-power multi-channel communication systems, the book introduces the concepts and technology of PIM. In the context of space-ground-object integrated communication and increasing spectrum resource constraints, the PIM problem is becoming increasingly prominent, while microwave components and system-level PIM are facing new challenges. Based on the experience and achievements in engineering practice of the China Academy of Space Technology in Xi'an, this title describes the basic theory, generation mechanism, analysis and evaluation methods, location detection and suppression techniques for microwave components of spacecraft PIM from a theoretical and...

Second Edition

Highway Engineering

Planning, Design, and Operations

Daniel J. Findley
Christopher M. Cunningham
Thomas H. Brown, Jr.
Lorraine M. Cahill
Guangchuan Yang
Leta F. Huntsinger



Acc. No : 47231

Call No : 625.7 FIN-D

Highway Engineering: Planning, Design, and Operations, Second Edition, presents a clear and rigorous exposition of highway engineering concepts, including project development and the relationship between planning, operations, safety and highway types. The book includes important topics such as corridor selection and traverses, horizontal and vertical alignment, design controls, basic roadway design, cross section elements, intersection and interchange design, and the integration of new vehicle technologies and trends. It also presents end of chapter exercises to further aid understanding and learning. This edition has been fully updated with the current design policies and reference manuals essential for highway, transportation, and civil engineers who are required to work to these standards...

Third Edition

Environmental Chemistry in Society



James M. Beard
Ruth Ann Murphy



Acc. No : 47164

Call No : 628 BEA-J

This self-contained text offers all the information necessary for readers to understand the topics surrounding environmental science and the chemistry underlying various issues. Environmental Chemistry in Society, Third Edition, provides a foundation in science, chemistry, and toxicology, including the laws of thermodynamics, chemical bonding, and environmental toxins. This text allows readers to delve into environmental topics such as energy in society, air quality, global atmospheric concerns, water quality, and solid waste management. The arrangement of the book provides instructors with flexibility in how they present the material, with crucial topics covered first. This Third Edition has been updated throughout. The book provides a statement of learning outcomes at the...

SMALL ACTIONS

Leading Your Career to Big Success

Eric Sim
Simon Mortlock



Acc. No : 46773

Call No : 650.1 SIM-E

The small actions you take today can put you on the path to big career success tomorrow. If these actions are innovative, intelligent and well-timed, they can make a lasting impact and help you navigate your career journey in the face of uncertainty and disruptions. A key opinion leader on LinkedIn, Eric Sim shares practical and actionable tips to help you achieve your career goals. He draws these from his diverse real-life experience from selling street food and training to be an engineer, to becoming a managing director at UBS Investment Bank. Arranged thematically into 66 bite-sized chapters, this book brings together a series of relatable stories and case studies. You'll learn valuable career lessons, such as why it's important to be a combo specialist, and how you can influence people and build your personal...

"It made me take notes, which I can use as guiding principles for the future"
NEERAJ KAKKAR, co-founder, Paper Boat



THE NEW RULES OF BUSINESS

A
NATIONAL
BESTSELLER



GET AHEAD
OR
GET LEFT
BEHIND

RAJESH SRIVASTAVA



Acc. No : 46327

Call No : 658 SRI-R

Treating your customers well is no longer enough. The new rule is: employees too, have to be treated as well, if not better, than the customers. Happy employees make happy customers, and happy customers tend to be loyal. Do you spend money in advertising to create awareness about your product? You don't need to do that any longer. The new rule is: invest in making your product so good that it does its own marketing. New Age companies, Amazon and Flipkart, Uber and Ola, and Netflix, among others, are dismantling the old rules of business and installing new rules in their place. This book unfolds the mysteries of these new ways of doing business which most companies try to keep under wraps. Compellingly written with several anecdotes, this is a gripping book full of incredible...



Acc. No : 45660

Call No : 658.4038 SHA-E

Project Reliability Engineering

Pro Skills for Next Level
Maker Projects

—
Eyal Shahaar

Apress®

Urn your projects from a weekend hack to a long-living creation! Loosely drawing from the field known in large software companies as Site Reliability Engineering, this book distils from these disciplines and addresses issues that matter to makers: keeping projects up and running and providing means to control, monitor, and troubleshoot them. Most examples use Raspberry Pi, but the techniques discussed also apply to other platforms. This book is about breadth, and in the spirit of making, it visits different technologies as needed. However, the big goal in this book is to create a shift in the reader's mindset, where weekend hacks are pushed to the next level and are treated as products to be deployed. This book can be a stepping stone for hobbyist makers to develop a broader, professional skill...

ONLY THE PARANOID SURVIVE

'The best
book on
business'
Forbes

HOW TO EXPLOIT THE
CRISIS POINTS

THAT CHALLENGE

EVERY COMPANY AND CAREER

ANDREW S. GROVE



Acc. No : 46749

Call No : 658.406 GRO-A

This book is about one super-important concept. You must learn about 'Strategic Inflection Points', because sooner or later you are going to live through one. Steve Jobs. There are moments in any business when massive change occurs, when all the rules shift fast and forever. They can make or break companies and individuals, and they can happen at any moment. Andrew Grove calls such moments strategic inflection points, and he lived through several as CEO of Intel, where he transformed the company into the world's largest computer chipmaker, and the 7th most profitable company in the Fortune 500. Drawing on decades of personal experience and insight, as well as examining timeless examples from other companies, Grove reveals how to identify and exploit the key moments of change that generate...



Biochemical Engineering

Harvey W. Blanch
Douglas S. Clark

Acc. No : 47205
Call No : 660.63 BLA-H

This outstanding single-source text presents comprehensive coverage of modern biochemical engineering - detailing the basic concepts underlying the behavior of bioprocesses and recent advances in bioprocess and biochemical engineering science. Biochemical Engineering includes in-depth discussions of enzyme kinetics and biocatalysts, microbial growth and product, demonstrating how to use essential parameters and design equations in practice. This work provides comprehensive coverage of modern biochemical engineering, detailing the basic concepts underlying the behavior of bioprocesses as well as advances in bioprocess and biochemical engineering science. It includes discussions of topics such as enzyme kinetics and biocatalysts, microbial growth and...



EDITED BY
Amy E. Frazier
Kunwar K. Singh

Fundamentals of Capturing and Processing Drone Imagery and Data



Acc. No : 47244

Call No : 778.35 FRA-A

Unmanned aircraft systems are rapidly emerging as flexible platforms for capturing imagery and other data across the sciences. Many colleges and universities are developing courses on UAS-based data acquisition. **Fundamentals of Capturing and Processing Drone Imagery and Data** is a comprehensive, introductory text on how to use unmanned aircraft systems for data capture and analysis. It provides best practices for planning data capture missions and hands-on learning modules geared toward UAS data collection, processing, and applications. Lays out a step-by-step approach to identify relevant tools and methods for UAS data or image acquisition and processing. Provides practical hands-on knowledge with visual interpretation, well-organized and designed for...

A Time Travel into the Depths of Mind

Shadows of Fragmented the Moon

Shubhrangshu Roy

Author of *Zara's Witness*



Acc. No : 46720

Call No : 821.9 ROY-S

This fullness is filled with fullness. Fullness is born from fullness. Fullness fills fullness. In fullness, fullness is ever rested. This collection of poems attempts to unlock the wisdom of our ancient seers for the benefit of the lay folk, often eulogized for their resilience in the face of depredations of time, but with no one to turn to not even the gods for succor, mercy, and redemption, and far removed from expensive and time-consuming modern psychiatric intervention. It has nothing to do with religion or rituals nothing to do with an exclusive or an exclusivist lifestyle. Rather, these poems seek to help us cope with the circumstances that confront us on our eventful walk through life. In *Shadows of the Fragmented Moon*, each poem has a hidden and unexplored facet of human trait that needs...



Acc. No : 41964

Call No : 891.4437 BAL-R

Who tells the greatest story God or Manto? Dozakhnama Conversations in Hell is an extraordinary novel, a biography of Manto and Ghalib and a history of Indian culture rolled into one. Exhumed from dust, Manto's unpublished novel surfaces in Lucknow. Is it real or is it a fake? In this dastan, Manto and Ghalib converse, entwining their lives in shared dreams. The result is an intellectual journey that takes us into the people and events that shape us as a culture. As one writer describes it, I discovered Rabisankar Bal like a torch in the darkness of the history of this subcontinent. This is the real story of two centuries of our own country. Rabisankar Bal's audacious novel, told by reflections in a mirror and forged in the fires of hell, is both an oral tale and a shield against...

'The best novel of the year'—Sunil Gangopadhyay

dozakhnama

Conversations in Hell

Rabisankar Bal

Translated by Arunava Sinha

'A fascinating novel'
—Sankar

TANUSHREE
PODDER



AN INVITATION TO DIE

A COLONEL
ACHARYA MYSTERY

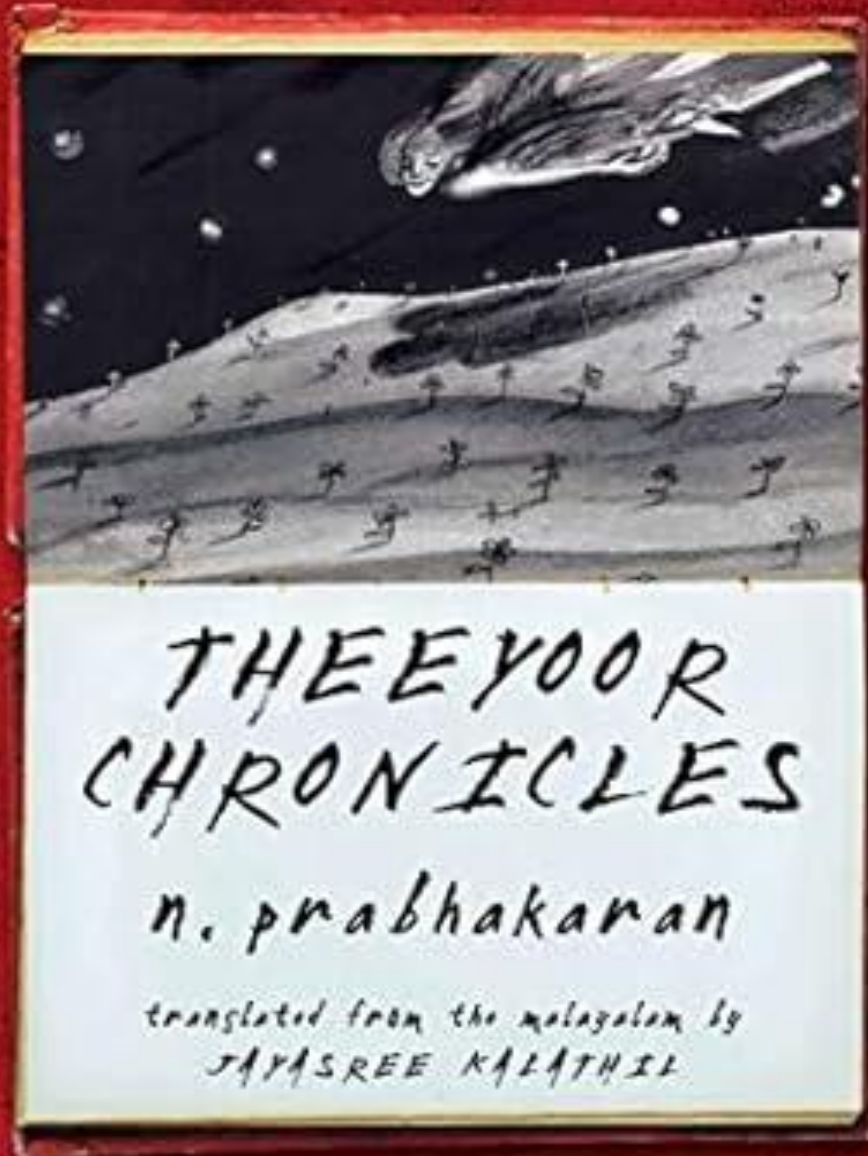


Acc. No : 45406

Call No : Fiction POD-T

It begins with a simple mystery - elderly widow Violet William's van goes missing after her granddaughter Pia forgets to lock the door when using it to cater for a wedding reception. But this is Ramsar, and soon, a simple case turns sinister when ASP Timothy Thapa finally finds the missing van, and promptly discovers a dead body inside it. Enter Colonel Acharya, Ramsar's resident amateur sleuth, with his merry band of bridge-playing Watsons. As the detective begins his investigation, he finds that things are not what they seem, and with few clues, several suspects, and no leads to go on, Colonel Acharya might be facing his most challenging case yet. How can a van go missing? It's not a sock, a stray pen or a piece of jewelry to disappear without anyone noticing. Violet's voice was shrill with...

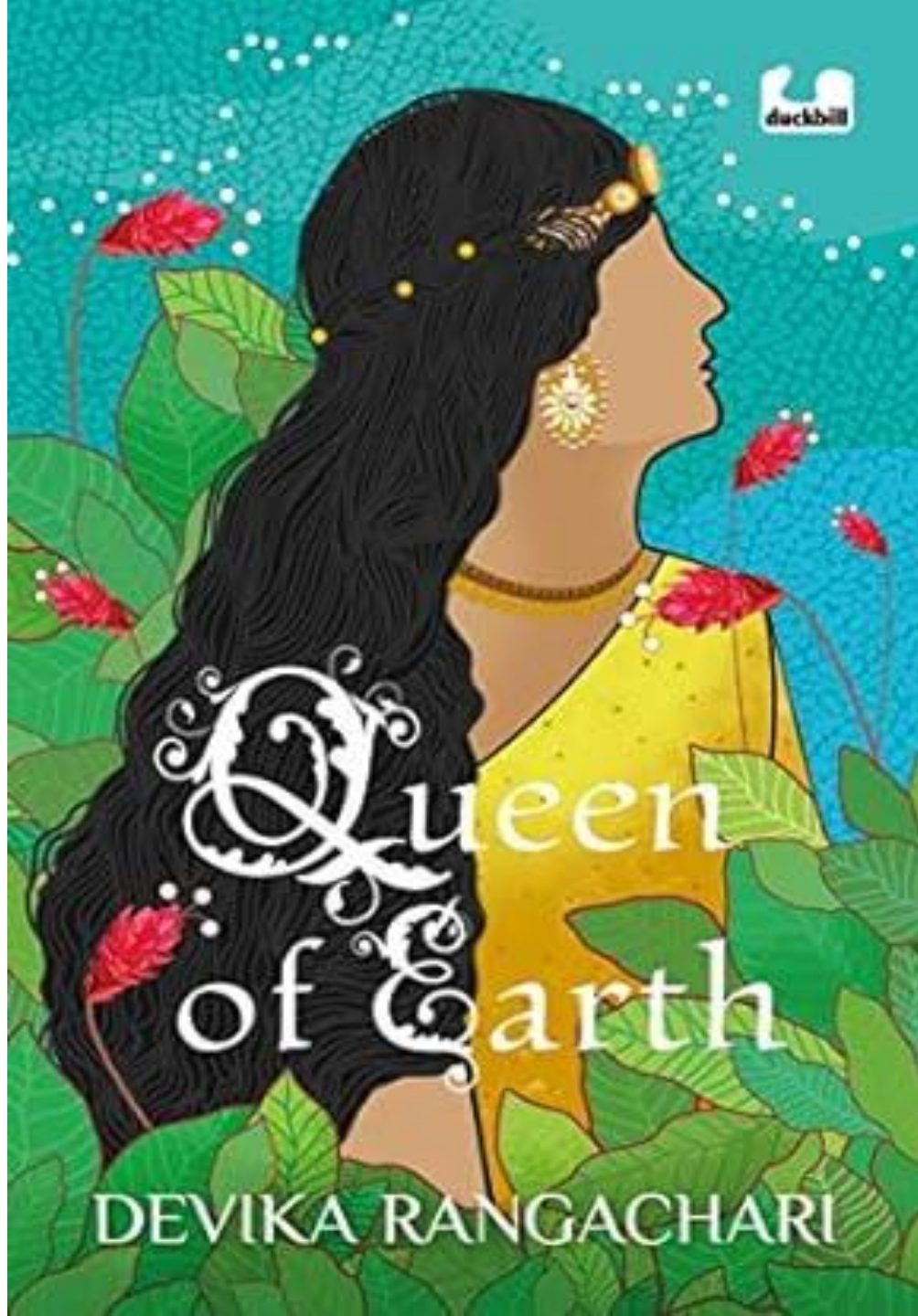
'A work of historic significance' – BENYAMIN



Acc. No : 45111

Call No : Fiction PRA-N

A work of historical significance BENYAMIN journalist goes to Theyoor the land of fire to investigate the number of suicides and disappearances in the city. After completing this project, however, Theyoor refuses to leave his consciousness, and he decides to write its history. This history is told through various documents: the writer's notes, the anecdotes said to him while researching the suicides, Wardha Gopalan's book The History of Theyoor, the information provided by a local newspaper agent, personal papers of individuals, as well as some incidents that the journalist himself imagines. In N. Prabhakaran's masterful hands and in Jayasree Kalathil's brilliant translation history, myth, facts, nature, political events, and everyday concerns of ordinary people weave together into a story at...



Acc. No : 41738

Call No : Fiction RAN-D

I am prithvimahadevi, the goddess of the Earth. The daughter of the powerful somavashi king of Kosala, prithvimahadevi's life is circumscribed by the rules that govern the existence of women of her royal family. She can only hope that she will marry a king whose power matches that of her ambitious father. but instead she is married to her father's enemy, the bhaumakara ruler, shubhakaradeva, whose way of life she finds alien and austere, and who worships strange gods. There seems to be no hope for her to fulfil her dreams of being a great queen-until suddenly one day, there is, But is she willing to play the game of sacrifice and betrayal that this will entail? The story of this ninth-century queen of Odisha by award-winning historical novelist Devika Rangachari will keep you riveted. My tale begins the way of all...



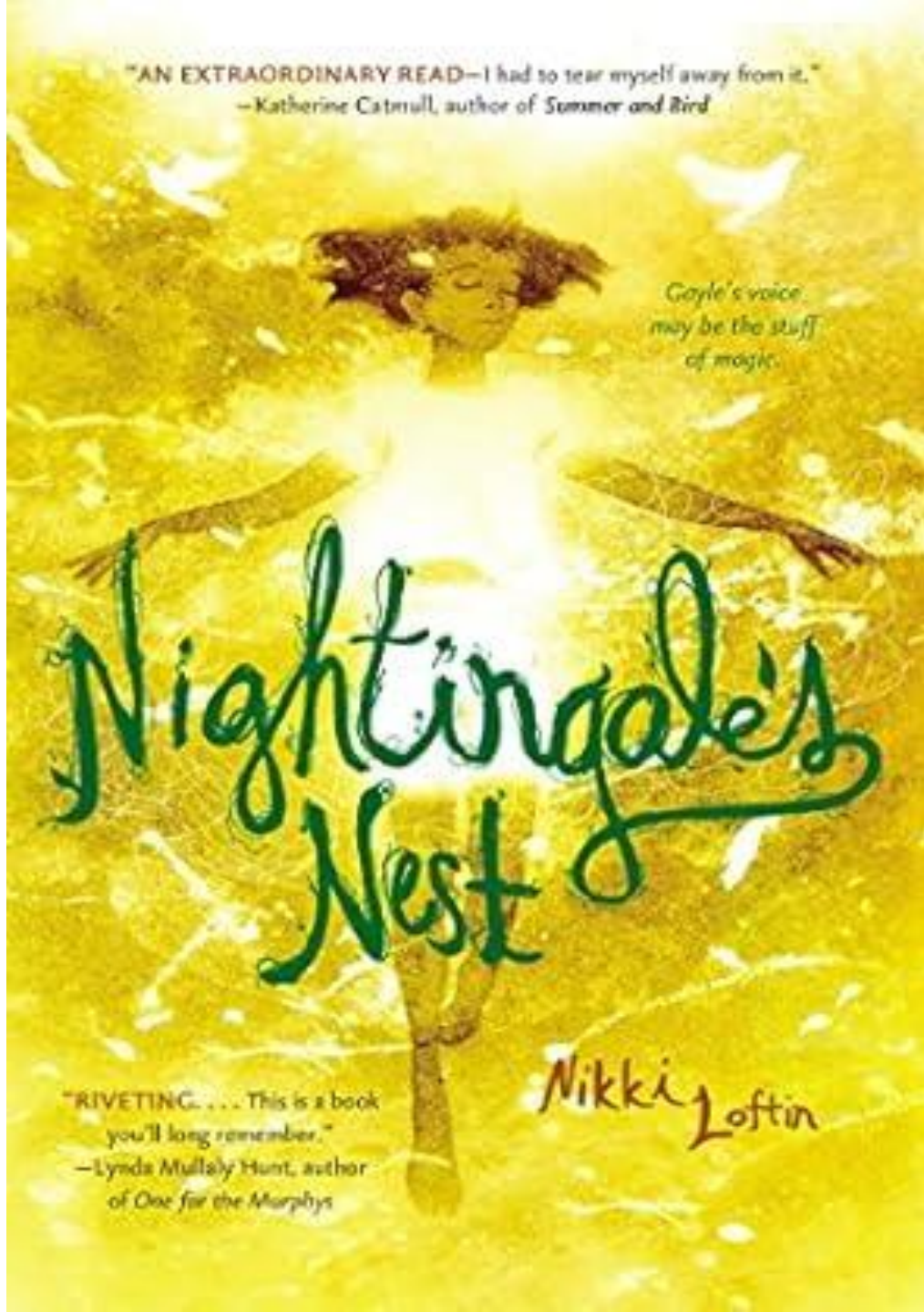
Acc. No : 44321

Call No : 597.9 GIL-D (Young Learners)

Most people have a healthy respect for snakes. The fact that the majority of species are harmless, does not make people less wary. In most of the world's countries there are snakes that can kill, and they do kill. The World Health Organization estimates that 100 people dies from snakebites every day that is around every 15 minutes. Yet, despite their fearsome reputation, snakes have a fascinating beauty, an aura few other creatures possess. Discover how snakes capture and kill their prey. Marvel at their incredible variety, from tiny creatures no bigger than an earthworm to giants that weigh more than three men. Learn the secrets of how snakes track down and target their victims, and the sense that lets some snakes see prey in the dark. Beautifully illustrated throughout with stunning color photographs, this...

SNAKES

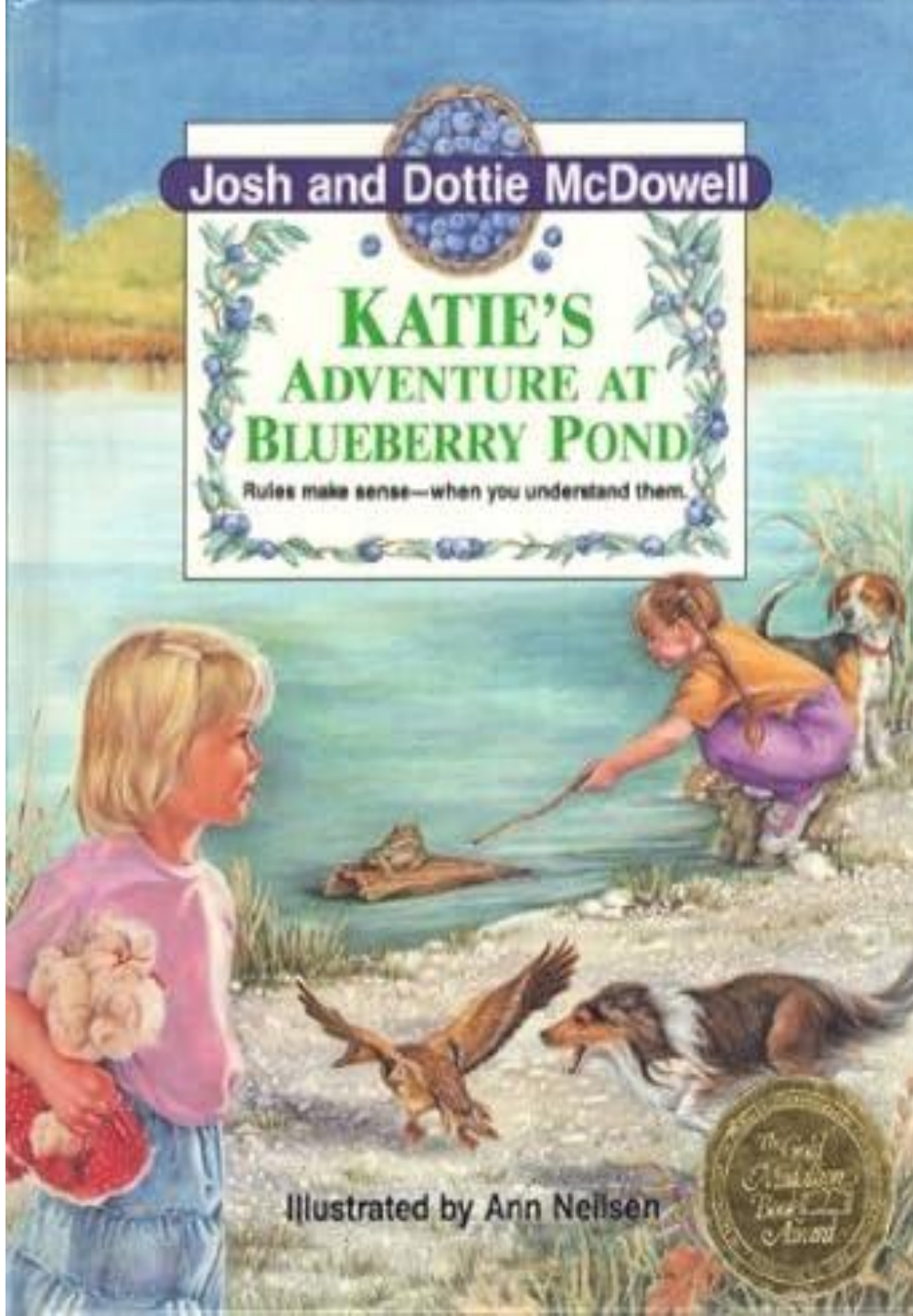
**A CONCISE GUIDE TO NATURE'S
PERFECT PREDATORS**



Acc. No : 44187

Call No : Fiction LOF-N (Young Learners)

An award winning modern fairy tale about friendship and family, for fans of *Bridge to Terabithia*. Twelve-year-old John Fischer Jr., Little John as he's always been known, is spending the hot Texas summer helping his father to clear trees for Mr. King, the richest and most powerful man in town. Then one day he hears a song through the brush, one so beautiful that it stops him in his tracks. He follows the melody and finds, not a bird, but a young girl sitting in the branches of a tall sycamore tree. There's something magical about this girl, Gayle, especially her soaring singing voice. Little John's home is full of sorrow over his sister's death and endless stress over money troubles. But his friendship with Gayle quickly becomes the one bright spot in tough times . . . until Mr. King forces Little John into an impossible choice: risk his family's wages and...



Acc. No : 44080

Call No : Fiction MCD-J (Young Learners)

Katie disobeys a family rule in going to the pond without adult supervision, not realizing that grownups' rules are like God's rules in that they represent love and protection. Includes discussion questions at the end of the story. Katie's story is an invitation to share the reasons for your family rules with your child. At the end of the story, you will find questions to help get the conversation started, This book grew out of the extensive wait, campaign research, which shows that children who have a loving relationship with their parents and who early in life understand that rules are made to protect them are more likely to obey God's moral restrictions in their teens. The why wait? Campaign a part of Josh McDowell Ministry, is helping young people and their parents deal biblically with the...

Links to Access Library Resources / Services

OPAC Link: <http://libraryopac.bits-Hyderabad.ac.in/>

E-Resources Link: <https://www.bits-pilani.ac.in/hyderabad/bitsLibrary>

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

Library
Literature
Geography

Thank you