

BITS PILANI – HYDERABAD CAMPUS LIBRARY

**Weekly New-Book Display - 07
(05 August – 11 August, 2019)**

BITS Pilani
Hyderabad Campus



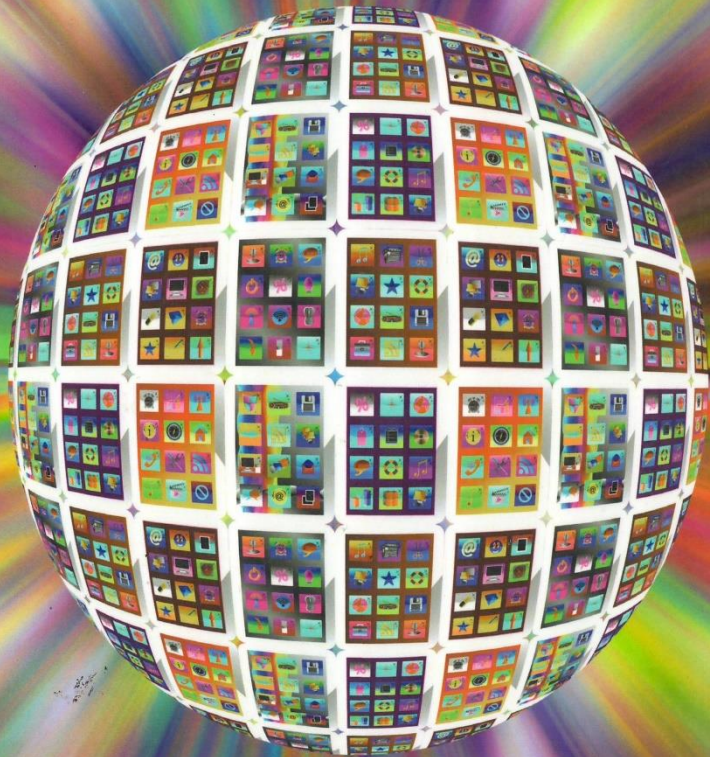
DEITEL® DEVELOPER SERIES

THIRD EDITION

8 Fully Coded
Android™ Apps

Android 6™ for Programmers

An App-Driven Approach



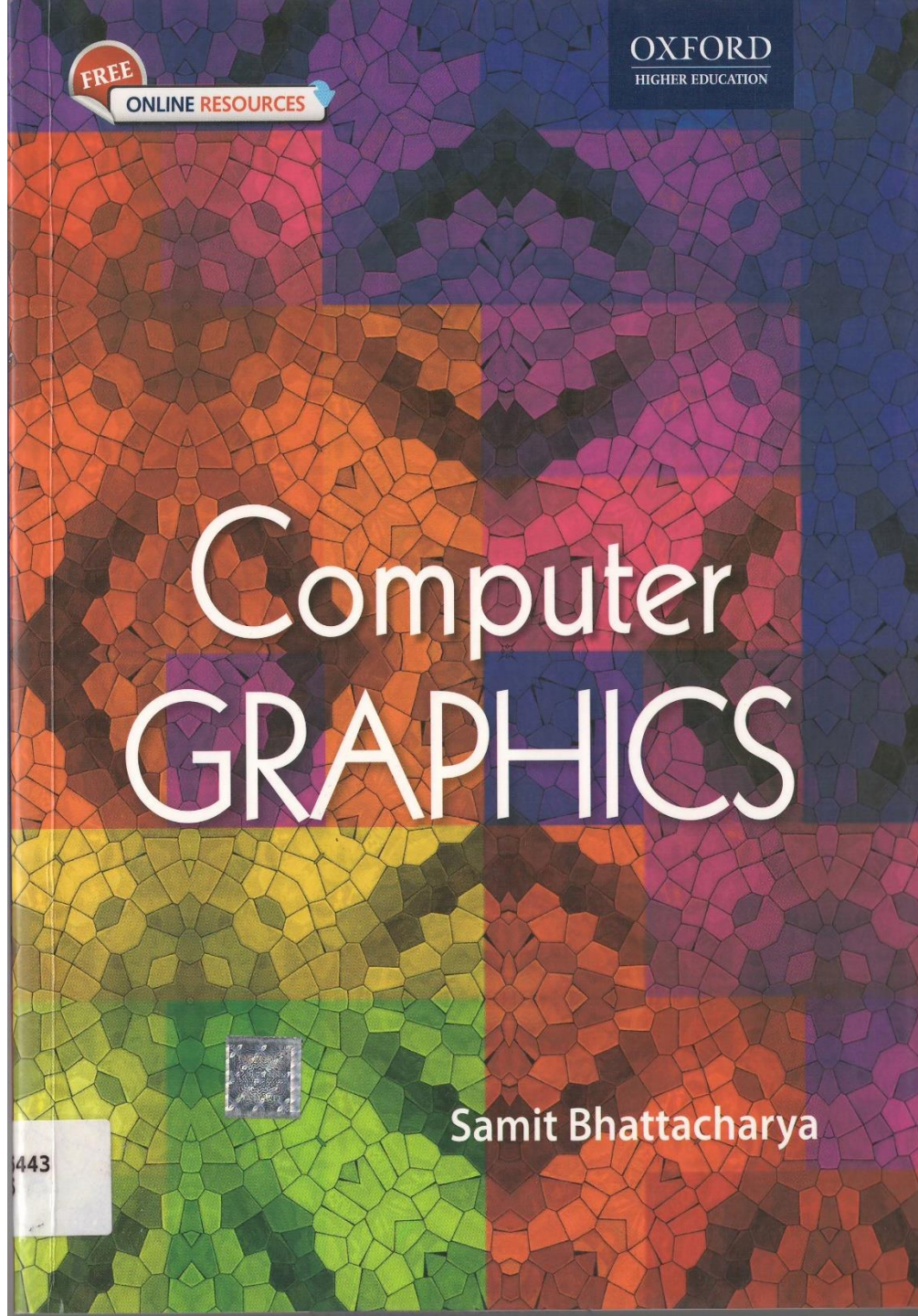
PAUL DEITEL • HARVEY DEITEL
ALEXANDER WALD



Acc. No : 38179

Call No : 005.445 DEI-P

This book presents leading-edge computing technologies for professional software developers. At the heart of the book is the Deitel "app-driven approach—concepts are presented in the context of complete working Android apps, rather than using code snippets. The introduction and app test drives at the beginning of each chapter show one or more sample executions. The professional programmer's Deitel guide to smartphone and tablet app development using Android™ 6 and Android Studio Billions of apps have been downloaded from Google Play. This book gives you everything you need to start developing great apps quickly and getting them published on Google Play. The book uses an app-driven approach—each new technology is...



Acc. No : 38096

Call No : 001.6443 BHA-S

Computer Graphics is a textbook aimed at the undergraduate students of computer science engineering, information technology, and computer applications. It seeks to provide a thorough understanding of the core concepts of computer graphics for a one-semester course. The chapters in the book are organized following the 3D graphics pipeline stages. In the first chapter, the 3D graphics pipeline is explained. Subsequent chapters deal with the various stages of the pipeline, namely the object representation techniques, modeling / geometric transformations, illumination and lighting models, texture modeling and intensity representation, 3D viewing, clipping, hidden surface removal, and...

From the
bestselling
author of
**YOU CAN HEAL
YOUR LIFE**

LOUISE HAY & FRIENDS
Modern-day
Miracles

Miraculous Moments and Extraordinary Stories
from People All Over the World Whose Lives
Have Been Touched by Louise Hay

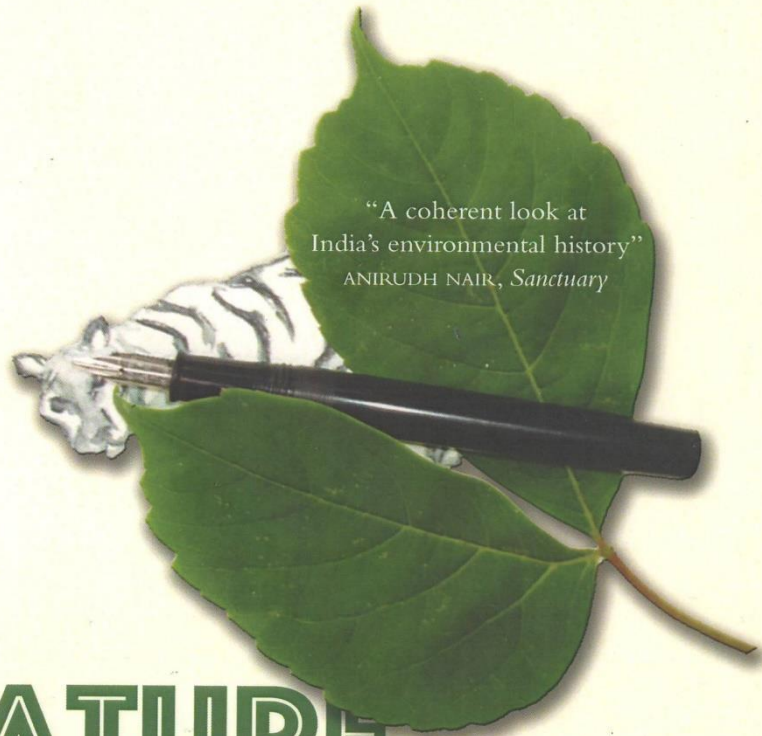


Acc. No : 36953

Call No : 158.0922 HAY-L

In this truly inspirational book, people all over the world express their appreciation for the writings and teachings of Louise Hay . . . and for the miracles she has brought to their lives. Through uniquely heartfelt and awe-inspiring true stories, men and women of all ages and backgrounds reveal how one individual whose life has been devoted to spreading good can touch so many in a positive and miraculous way, and then those people spread the good to others, and on and on it goes, in a tremendous spiral of joyous energy. As you read the accounts within these pages, you will laugh, cry and nod with empathy and understanding. The subject matter is diverse (relationships, work, finance, health and more); and the outpouring of...

MAHESH RANGARAJAN



"A coherent look at
India's environmental history"
ANIRUDH NAIR, *Sanctuary*

NATURE AND NATION

ESSAYS ON ENVIRONMENTAL HISTORY

Acc. No : 36670

Call No : 304.20954 RAN-M

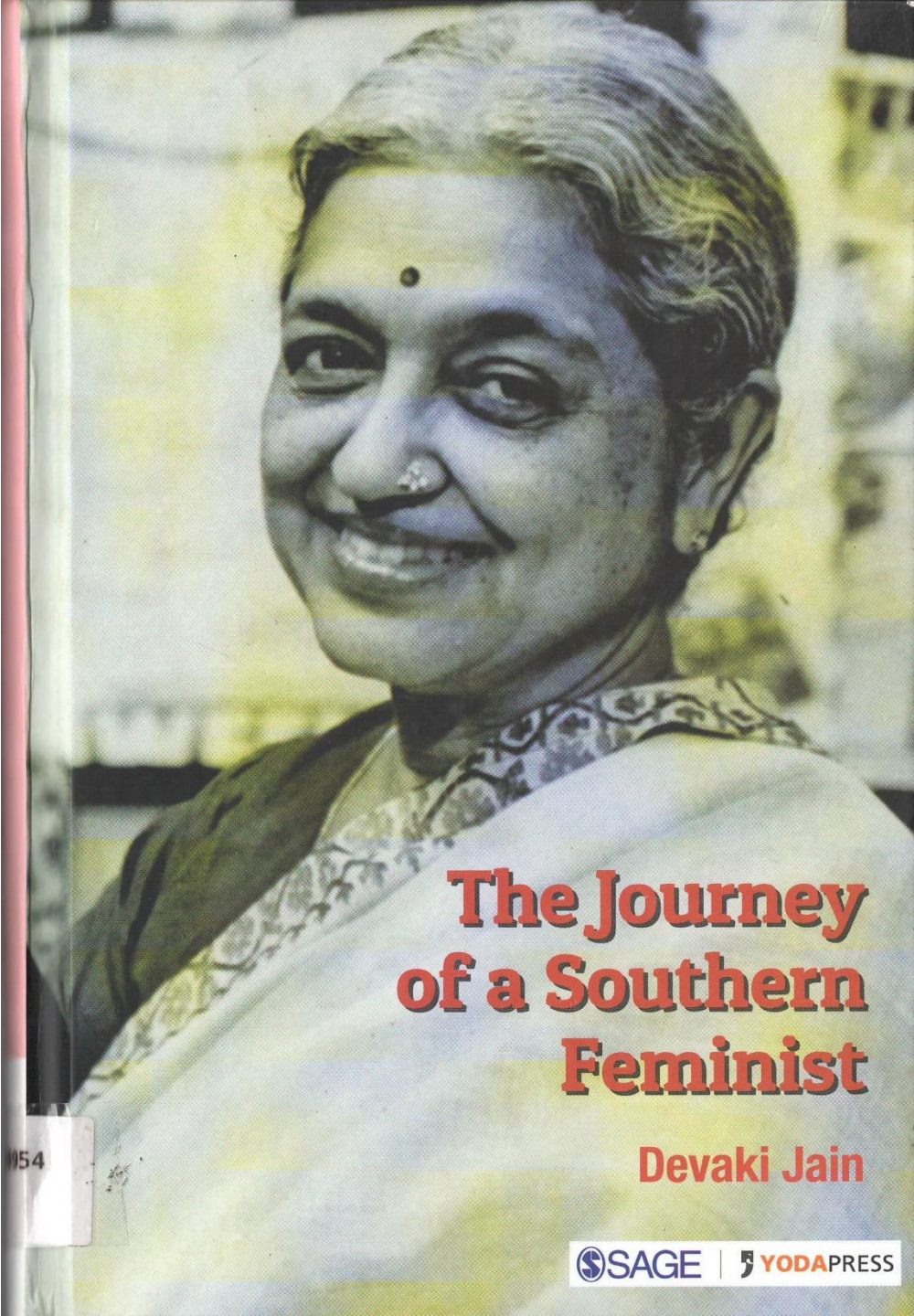
Writing India's environmental history is not easy. The country's territorial vastness, geographical complexity, and unusual biodiversity make the task difficult. Relatively few scholars have shown the historical range and intellectual depth required to tackle the area compellingly and with sophistication. Mahesh Rangarajan is among the foremost scholars in this field. The papers and books he has written or edited over more than two decades have helped craft and enlarge Indian environmental thought as a whole. They have established his reputation as a stimulating and wide-ranging historian-thinker in the discipline. The present collection comprises ten essays showcasing the core of Rangarajan's thought and...



Acc. No : 38662

Call No : 305.420954 JAI-D

This book is a collection of Devaki Jain's writings and lectures related to the women's movement in India and interventions in policy and fact base drawn from that experience. A journey of over six decades, it presents important interventions in the design of national and international development policy. Beginning with a fascinating account of Jain's own evolution into a feminist, each chapter starts with an introductory note locating it in her own professional journey. The initial chapters of the book underline an important fact better understood now but a radical intervention when Jain wrote it that women's reasoning and the ideas that emerge from their lived experience need to be converted into...



The Journey of a Southern Feminist

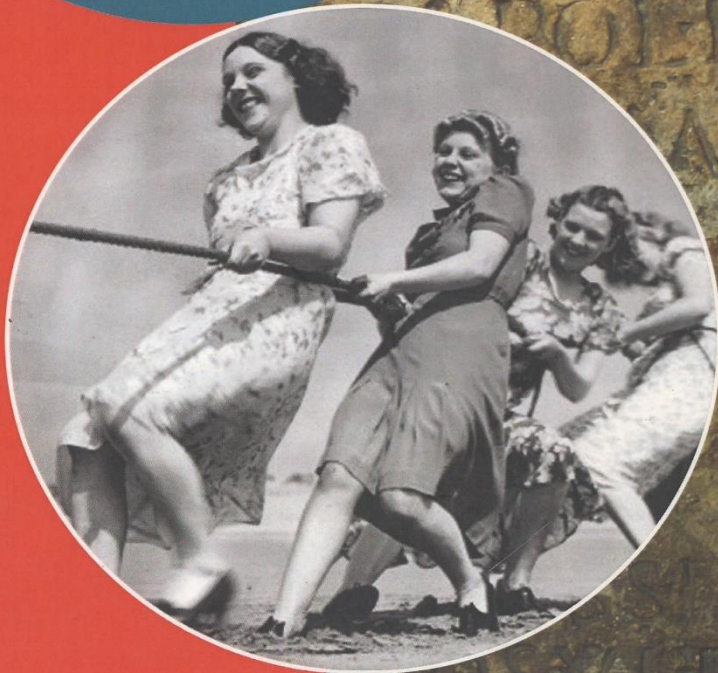
Devaki Jain

SAGE | YODAPRESS

Writing Gender History

SECOND EDITION

Laura Lee
Downs



BLOOMSBURY



Acc. No : 38540

Call No : 305.409 DOW-L

How has feminist scholarship changed history? **Writing Gender History** explores the evolution of historical writing about women and gender from the 1930s until the early twenty-first century. With chapters on the history of Europe, the USA, colonial India and Africa, the discussion moves from women's history to gender history, and then to poststructuralist challenges to that history. This revised edition includes an exciting new chapter looking at recent scholarship on race, gender and sexuality in colonial and transnational history, and on the history of the body. Highly accessibly but also encouraging new debate, this book provides students with a comprehensive...

Mark Nepo

Bestselling author of *The Book of Awakening*

More Together Than Alone

The power
of community

‘Profound and poignant’
ARIANNA HUFFINGTON



Acc. No : 37170

Call No : 307 NEP-M

I would follow this man anywhere' Elizabeth Gilbert, author of Eat, Pray, Love. The 1 New York Times bestselling author of The Book of Awakening, Mark Nepo, presents an empowering guide to the power of community and why it's essential in our lives, now more than ever. He investigates what brings us together and what throws us apart. He considers what we have in common as well as what makes us unique. He gathers stories and lessons from across cultures and history to show that, despite the hardships we face, we have the power to create connections and draw strength from one another. Featuring thought-provoking analysis and practical takeaways, More Together Than Alone will help us inhabit a stronger sense of togetherness in our lives to achieve...

AGENT-BASED MODELS IN ECONOMICS

A Toolkit

Edited by Domenico Delli Gatti,
Giorgio Fagiolo, Mauro Gallegati,
Matteo Richiardi and Alberto Russo



Acc. No : 37724

Call No : 330.0151 GAT-D

In contrast to mainstream economics, complexity theory conceives the economy as a complex system of heterogeneous interacting agents characterised by limited information and bounded rationality. Agent Based Models (ABMs) are the analytical and computational tools developed by the proponents of this emerging methodology. Aimed at students and scholars of contemporary economics, this book includes a comprehensive toolkit for agent-based computational economics, now quickly becoming the new way to study evolving economic systems. Leading scholars in the field explain how ABMs can be applied fruitfully to many real-world economic examples and represent a great advancement over...



Dawn of the **SOLAR AGE**

**An End to Global Warming
and to Fear**

PREM SHANKAR JHA



Acc. No : 38665

Call No : 333.7923 JHA-P

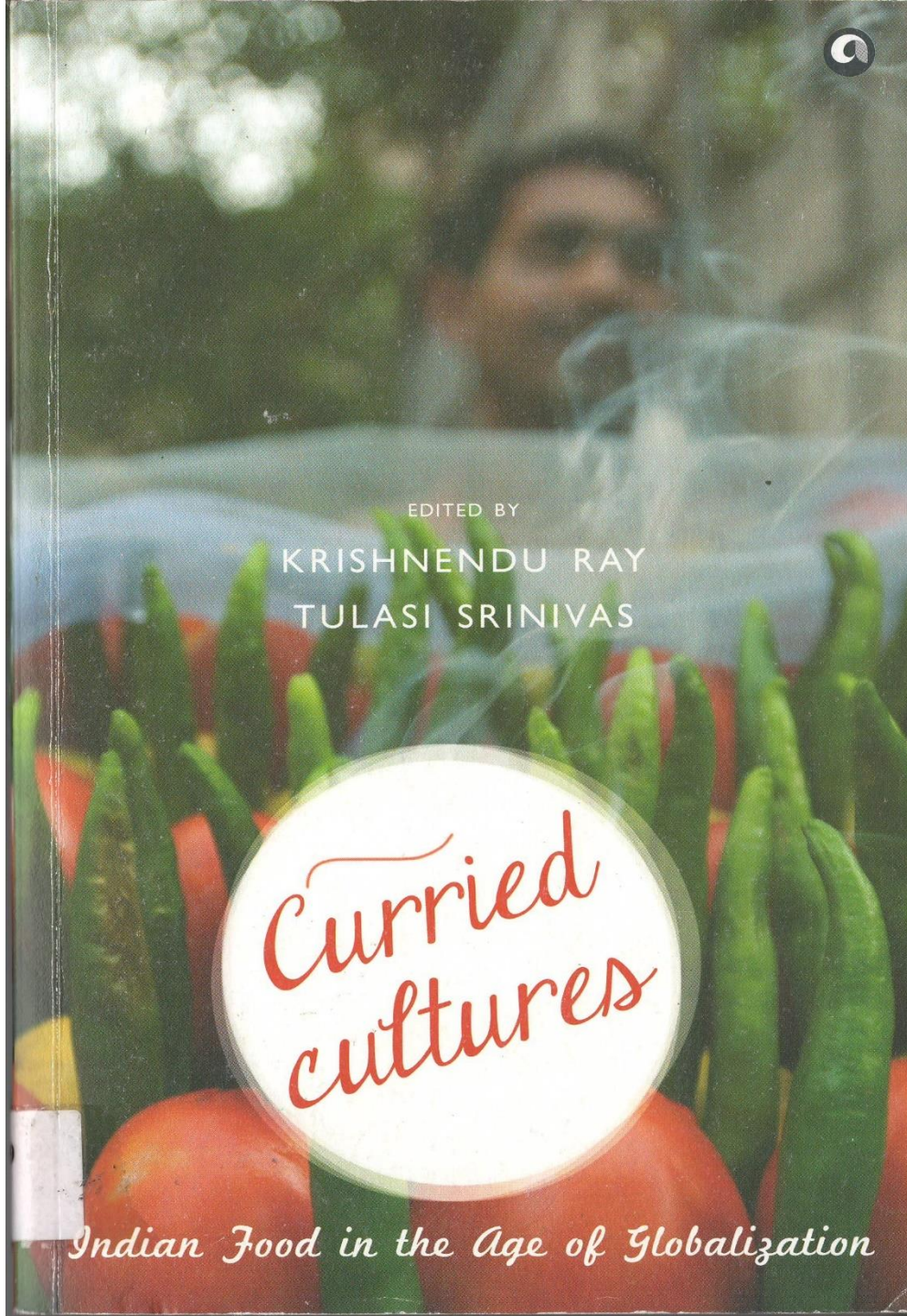
Our planet is growing hotter, which is mainly due to the burning of fossil fuels. Yet, most of us remain chained to the belief that there is no alternative source of energy sufficiently plentiful and cheap. Dawn of the Solar Age provides a blueprint for shifting the energy base of human civilization out of fossil fuels and successfully reducing the concentration of greenhouse gases in the atmosphere. The author shows how the commercialization of fully proven technologies that can provide limitless amounts of renewable energy and entirely replace all fossil fuels is being delayed to serve the purposes of dominant corporations and nations. He studies the economic viability of these technologies and tells us how we can avert...



Acc. No : 36040

Call No : 394.1209 RAY-K

Indian food is one of the world's most popular cuisines. Even as it has transformed the contemporary urban foodscape in this age of globalization, social scientists have paid scant attention to the phenomenon. The essays in this book explore the relationship between globalization and South Asia through food. Udupi restaurants, Indian food in colonial times, dum pukht cuisine, staples of the prepared food industry like Bangalore's MTR Foods, Britain's curry culture, Indian fast food in California—these and other distinctive aspects of South Asia's food and culture are examined to gain new insights into subcontinental food and the ways in which it has influenced...

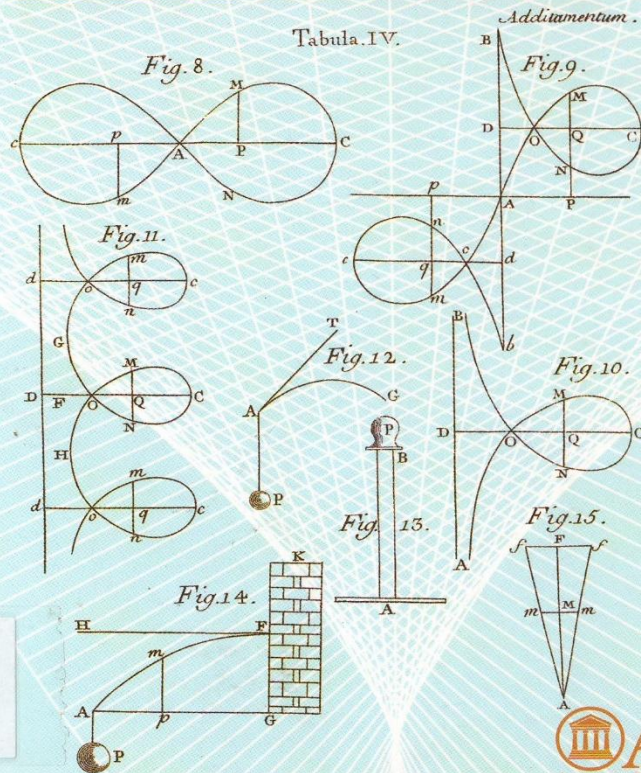


Indian Edition

STUDENT MATHEMATICAL LIBRARY
Volume 72

A First Course in the Calculus of Variations

Mark Kot



 **AMS**
AMERICAN MATHEMATICAL SOCIETY



Acc. No : 36625

Call No : 515.64 KOT-M

This book is intended for a first course in the calculus of variations, at the senior or beginning graduate level. The reader will learn methods for finding functions that maximize or minimize integrals. The text lays out important necessary and sufficient conditions for extrema in historical order, and it illustrates these conditions with numerous worked-out examples from mechanics, optics, geometry, and other fields. The exposition starts with simple integrals containing a single independent variable, a single dependent variable, and a single derivative, subject to weak variations, but steadily moves on to more advanced topics, including multivariate problems, constrained extrema, homogeneous...

OPTIMIZATION THEORY

A Concise Introduction



Jiongmin Yong

 World Scientific



Acc. No : 38946

Call No : 519.6 YON-J

Mathematically, most of the interesting optimization problems can be formulated to optimize some objective function, subject to some equality and/or inequality constraints. This book introduces some classical and basic results of optimization theory, including nonlinear programming with Lagrange multiplier method, the Karush-Kuhn-Tucker method, Fritz John's method, problems with convex or quasi-convex constraints, and linear programming with geometric method and simplex method. A slim book such as this which touches on major aspects of optimization theory will be very much needed for most readers. We present nonlinear programming, convex programming, and linear programming in...



Symmetry, Phase Modulation and Nonlinear Waves

Thomas J. Bridges

Acc. No : 37808

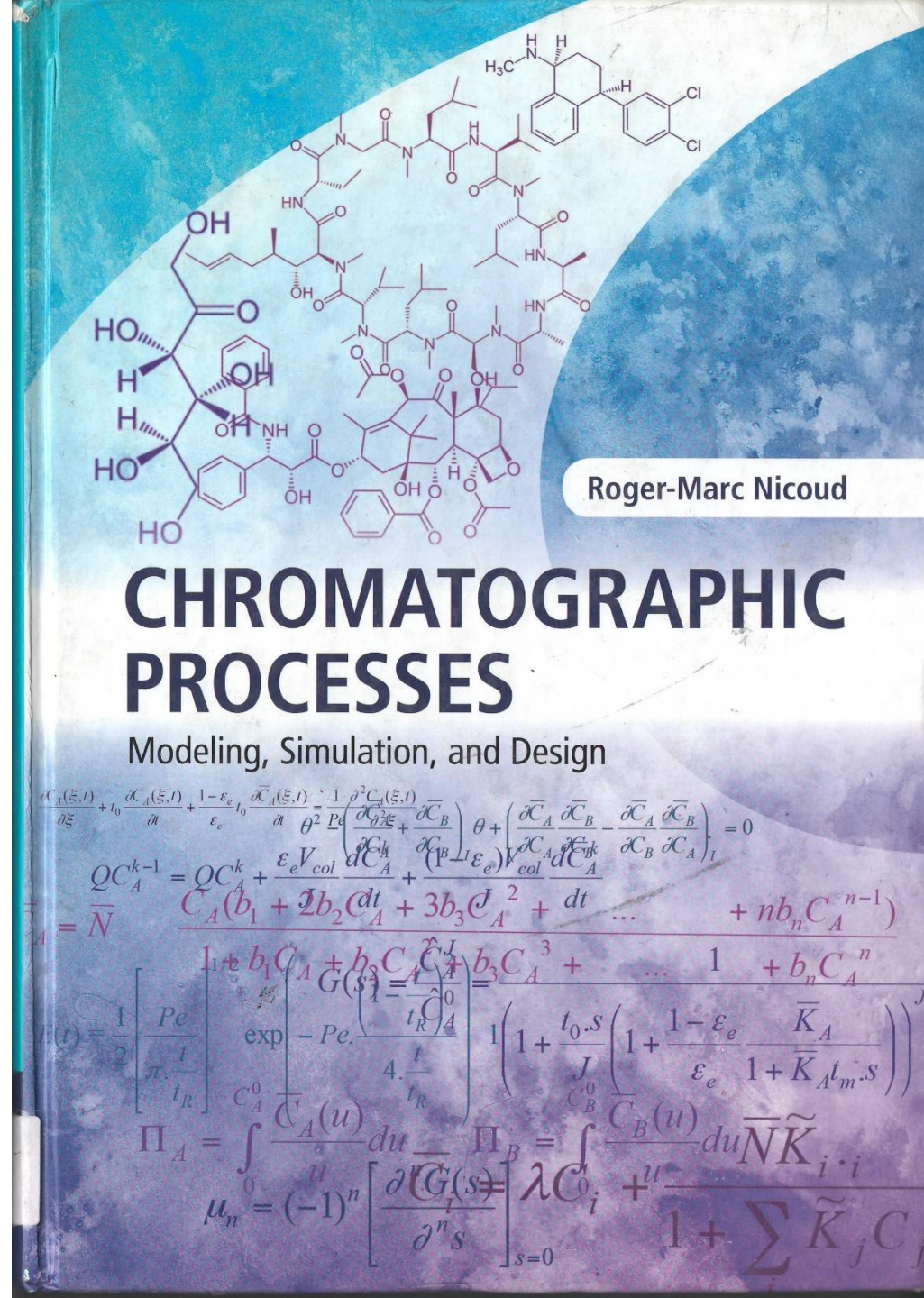
Call No : 531.11330 BRI-T

Nonlinear waves are pervasive in nature, but are often elusive when they are modelled and analysed. This book develops a natural approach to the problem based on phase modulation. It is both an elaboration of the use of phase modulation for the study of nonlinear waves and a compendium of background results in mathematics, such as Hamiltonian systems, symplectic geometry, conservation laws, Noether theory, Lagrangian field theory and analysis, all of which combine to generate the new theory of phase modulation. While the build-up of theory can be intensive, the resulting emergent partial differential equations are relatively simple. A key outcome of the theory is that the coefficients in the emergent modulation equations are...



Acc. No : 37785
 Call No : 543.8 NIC-R

Addressing all aspects of the design, modelling and simulation of chromatographic processes, this result-oriented primer provides a practical guide to all the necessary approaches, methodologies and tools. Beginning with key definitions and concepts, it builds up from the most simple to the most complex situations, including multicomponent systems, non-uniform velocity profiles, bed instability, particle size distributions, and the influence of complex environments on chromatographic process design. In addition to covering classical approaches, it introduces efficient tools for investigating chromatographic processes, such as the 'Russian-Lego' approach for linear systems, phenomenological...



Atmospheric Chemistry

From the Surface to the Stratosphere

Grant Ritchie

 World Scientific



Acc. No : 38935

Call No : 551.51 RIT-G

Through a series of case studies and examples, this book demonstrates the benefits of a new analytics mindset that includes superior access to information, quicker insights, and the ability to spot trends far ahead of your competitors. Understanding the composition and chemistry of the Earth's atmosphere is essential to global ecological and environmental policy making and research. Atmospheric changes as a result of both natural and anthropogenic activity have affected many of the Earth's natural systems throughout history, some more seriously than others, and such changes are ever more evident with increases in both global warming and extreme...

NEW AGE

INSTRUMENTAL METHODS IN BIOANALYTICAL CHEMISTRY



S M Khopkar



NEW AGE INTERNATIONAL PUBLISHERS

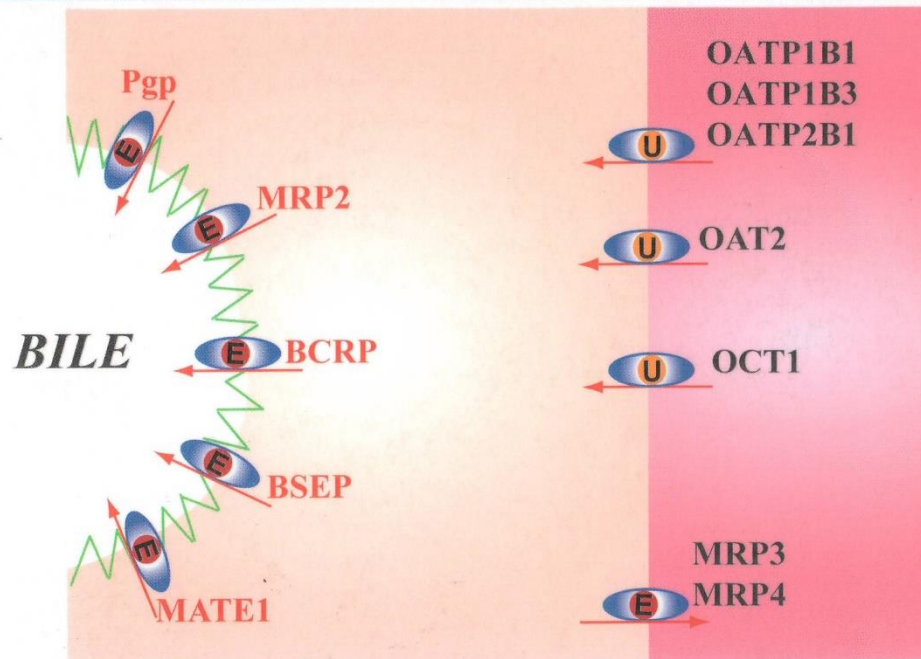


Acc. No : 38035

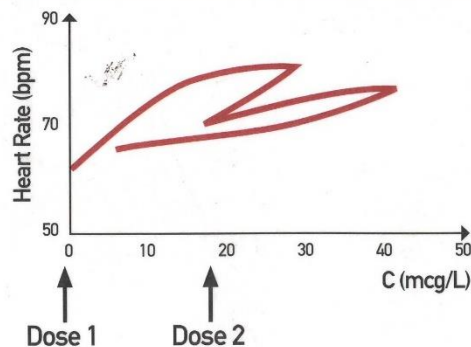
Call No : 572.36 KHO-S

Since several advances are taking place in chemical analysis, many instrumental methods such as absorption/emission spectroscopy, mass spectral methods involving MALDI-TOF-MS, electron microscopy such as AFM are extensively used in Biochemistry. On account of restricted knowledge in Physics and Mathematics in our teaching programmes, it becomes difficult for a student to comprehend the topics in modern methods of analysis. Hence an attempt is made in this book to cover recent methods in instrumental analysis in as simple language as possible with due emphasis on theoretical principles. This book consists of twenty chapters. The initial four chapters devote on separation methods including...

BASIC PHARMACOKINETICS AND PHARMACODYNAMICS



AN INTEGRATED TEXTBOOK AND COMPUTER SIMULATIONS



EDITED BY
SARA E. ROSENBAUM
SECOND EDITION

WILEY



Acc. No : 37929

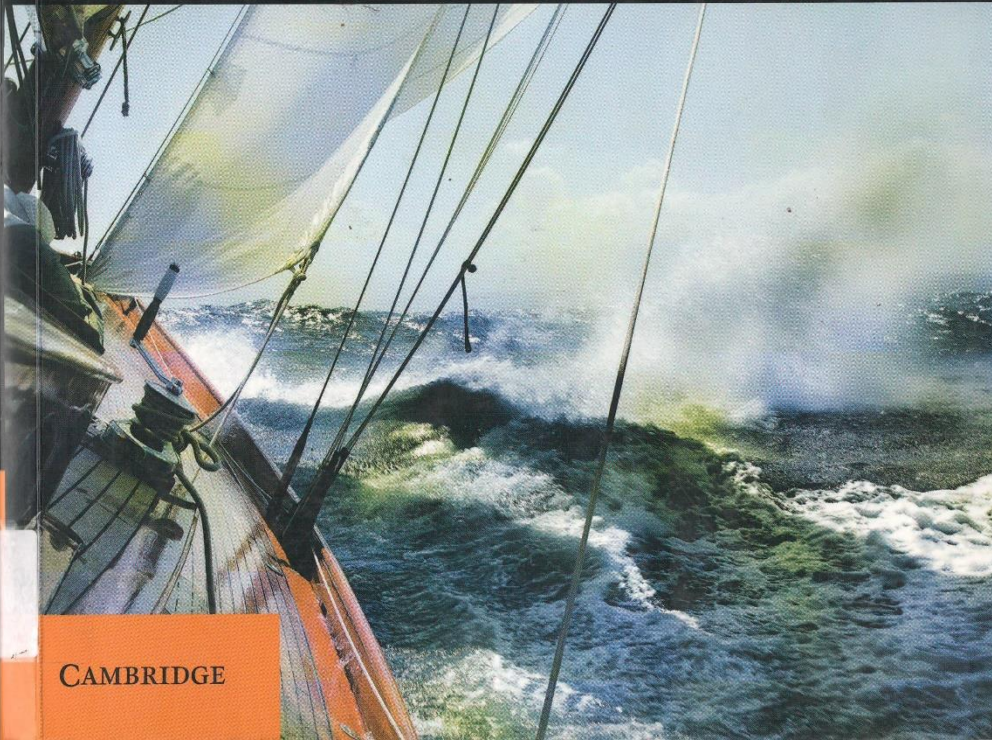
Call No : 615.7 ROS-S

Updated with new chapters and topics, this book provides a comprehensive description of all essential topics in contemporary pharmacokinetics and pharmacodynamics. It also features interactive computer simulations for students to experiment and observe PK/PD models in action. Presents the essentials of pharmacokinetics and pharmacodynamics in a clear and progressive manner. Helps students better appreciate important concepts and gain a greater understanding of the mechanism of action of drugs by reinforcing practical applications in both the book and the computer modules. Features interactive computer simulations, available online through...

Strength of Materials

Fundamentals and Applications

T. D. Gunneswara Rao
Mudimby Andal



CAMBRIDGE



Acc. No : 37841

Call No : 620.1125 RAO-T

While designing engineering structures, whether they are supporting girders, shock absorbers, or wings of an aircraft, an understanding of structural behaviour and the influence of stresses is necessary. Written with a distinct approach of explaining concepts through solved problems this text discusses all fundamental concepts of the strength of materials including stress, strain, elastic constants, shear force, bending moment, and bending stress. The study of flexural shear stress, conjugate beam method, method of sections and joints, statically determinate trusses, and thin cylinders is presented in detail with the help of solved numerical exercises. The text also discusses advanced concepts of strength of materials such as...

ELECTROCHEMICAL ENERGY STORAGE AND CONVERSION

SOLAR ENERGY CONVERSION AND STORAGE

Photochemical Modes

Edited by

Suresh C. Ameta
Rakshit Ameta

 CRC Press
Taylor & Francis Group



Acc. No : 38809

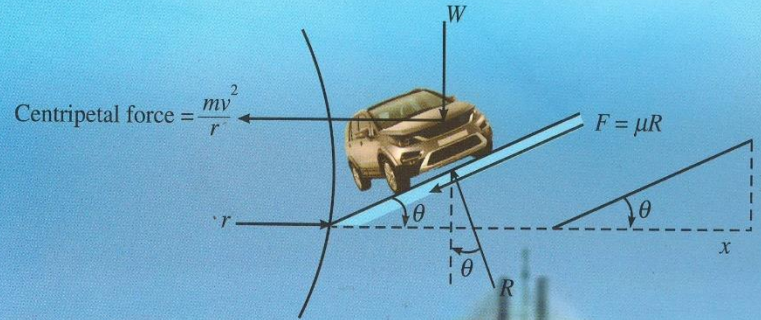
Call No : 621.3124 AME-S

Solar Energy Conversion and Storage: Photo chemical Modes showcases the latest advances in solar cell technology while offering valuable insight into the future of solar energy conversion and storage. Focusing on photo chemical methods of converting and/or storing light energy in the form of electrical or chemical energy, the book Describes various types of solar cells, including photo voltaic cells, photo galvanic cells, photo electro chemical cells, and dye-sensitized solar cells Covers the photo generation of hydrogen, photo reduction of carbon dioxide, and artificial/mimicking photosynthesis. Discusses the generation of electricity from solar cells, as well as methods for storing solar energy in the form of chemical energy Highlights...

Second Edition

**Eastern
Economy
Edition**

ELEMENTS OF CIVIL ENGINEERING AND ENGINEERING MECHANICS



R.V. Raikar

innovate

achieve

lead

Acc. No : 38372

Call No : 624 RAI-R

This book equips the students with basic knowledge of certain facets of Civil Engineering and Engineering Mechanics as needed by them in the beginning of their engineering education. The book is primarily tailored to conform to the first-year B.E. curriculum as per Choice Based Credit System (CBCS) scheme of Visvesvaraya Technological University (VTU), Belgaum, Karnataka. It is a basic undergraduate textbook useful for students of all branches of engineering not only under VTU but also for other universities. The text, now in its Second Edition, is thoroughly revised and updated. Divided into five modules, the book spreads over 13 chapters. The first module discusses about Elements of Civil Engineering and the related...

Chapman & Hall/CRC
Artificial Intelligence and Robotics Series

Yasmina Bestaoui Sebbane

INTELLIGENT AUTONOMY OF UAVS

Advanced Missions
and Future Use



 CRC Press
Taylor & Francis Group
A CHAPMAN & HALL BOOK



Acc. No : 37576

Call No : 629.13339 BES-Y

Intelligent Autonomy of UAVs: Advanced Missions and Future Use provides an approach to the formulation of the fundamental task typical to any mission and provides guidelines of how this task can be solved by different generic robotic problems. As such, this book aims to provide a systems engineering approach to UAV projects, discovering the real problems that need to be resolved independently of the application. After an introduction to the rapidly evolving field of aerial robotics, the book presents topics such as autonomy, mission analysis, human-UAV teams, homogeneous and heterogeneous UAV teams, and finally, UAV-UGV teams. It then covers generic robotic problems such as orienteering and...

SOUTH ASIA EDITION

OXFORD
UNIVERSITY PRESS

innovate

achieve

lead

Organizational Behaviour and Work

Fiona M. Wilson

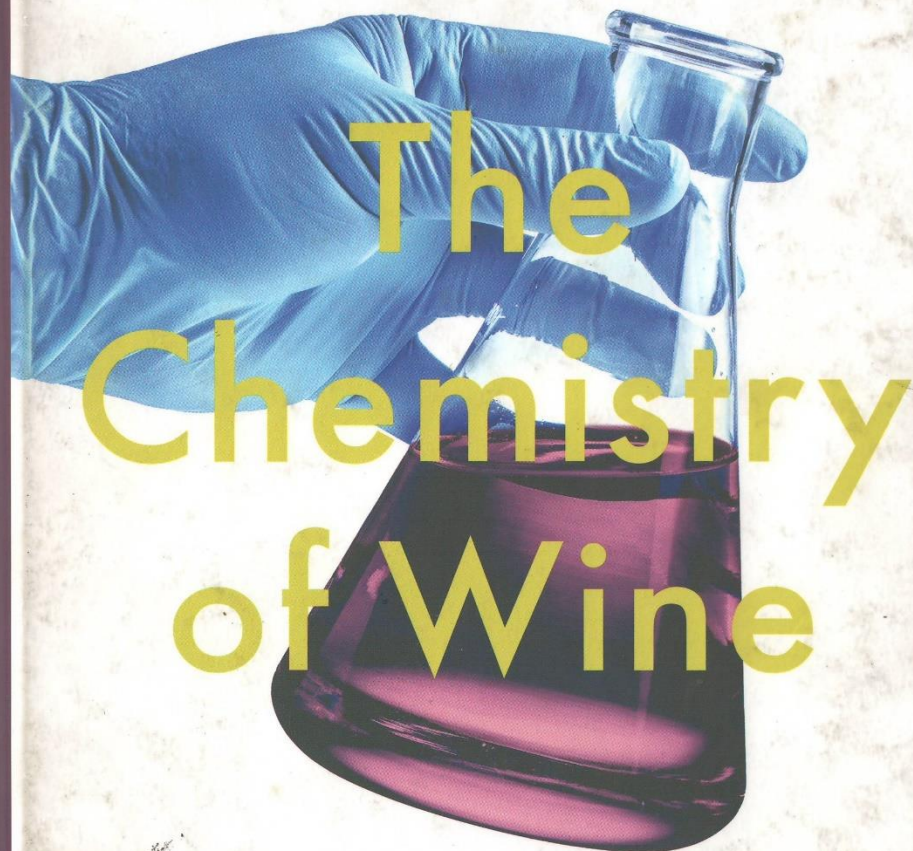
Only for
sale in India,
Bangladesh,
Sri Lanka, Nepal,
Bhutan, and Myanmar

Acc. No : 38090

Call No : 658.3 WIL-F

In the workplace, how can behavior be managed and improved, and what are the realities of organizational life? This engaging textbook will help you to answer these questions by detailing the studies and theories that have contributed to our understanding of managerial practice whilst encouraging you to look at them with a critical eye. The world of business and management changes quickly and the fourth edition includes further discussion of ethical and health concerns, misbehaviour in the workplace, and employability issues. The new material is supported by an abundance of examples on death by IS, job satisfaction, conformity, fun, and misadventure from across the globe, providing...

David R. Dalton



From Blossom to Beverage . . . and Beyond



Acc. No : 38142

Call No : 663.2 DAL-D

Poets extol the burst of aroma when the bottle is opened, the wine poured, the flavor on the palate as it combines with the olfactory expression detected and the resulting glow realized. But what is the chemistry behind it? What are the compounds involved and how do they work their wonder? What do we know? Distinct and measurable differences in terroir, coupled with the plasticity of the grape berry genome and the metabolic products, as well as the work of the vintner, are critical to the production of the symphony of flavors found in the final bottled product. Analytical chemistry can inform us about the chemical differences and similarities in the grape berry constituents with...

David A. Dornfeld
Editor

Green Manufacturing

Fundamentals and Applications

 Springer



Acc. No : 38750

Call No : 670.286 DOR-D

Green Manufacturing: Fundamentals and Applications introduces the basic definitions and issues surrounding green manufacturing at the process, machine and system (including supply chain) levels. It also shows, by way of several examples from different industry sectors, the potential for substantial improvement and the paths to achieve the improvement. Additionally, this book discusses regulatory and government motivations for green manufacturing and outlines the path for making manufacturing more green as well as making production more sustainable. This book also discusses new engineering approaches for manufacturing and provides a roadmap from traditional manufacturing to green manufacturing and...



KIM A. WAGNER

JALLIANWALA BAGH

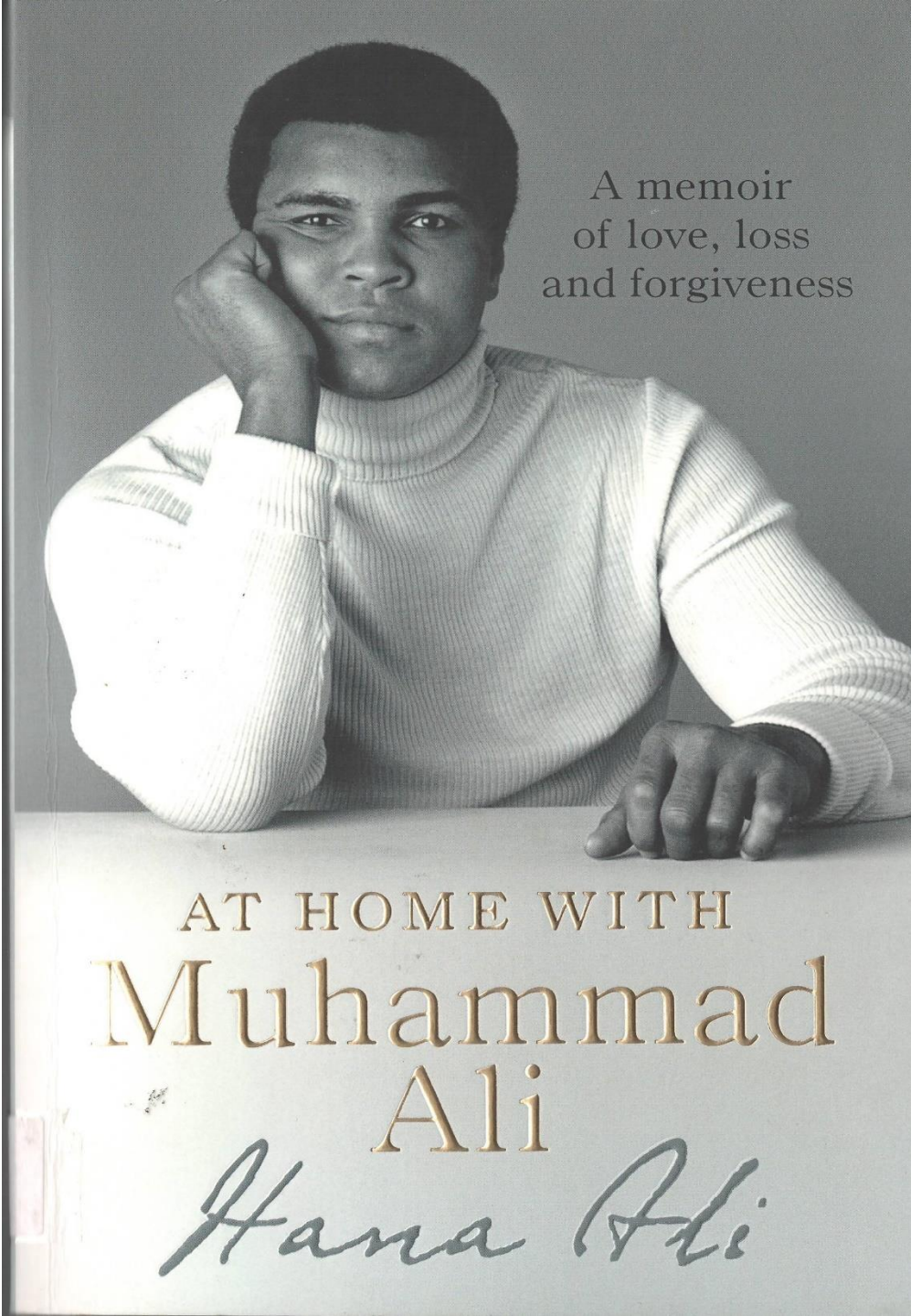
AN EMPIRE *of* FEAR
and THE MAKING *of*
THE AMRITSAR
MASSACRE



Acc. No : 39002

Call No : 954.035 WAG-K

The Amritsar Massacre of 1919 was a seminal moment in the history of the Indo-British encounter, and it had a profound impact on the colonial relationship between the two countries. In this dramatic telling, which takes the perspectives of ordinary people into account, the event and its aftermath are strikingly detailed. Wagner argues that General Dyer's order to open fire at Jallianwalla Bagh was an act of fear and its consequences for the Indian freedom struggle were profound. Situating the massacre within the 'deep' context of British colonial mentality and the local dynamics of Indian nationalism, Wagner provides a genuinely nuanced approach to the bloody history of the British...



Acc. No : 38331

Call No : Biography ALI-H

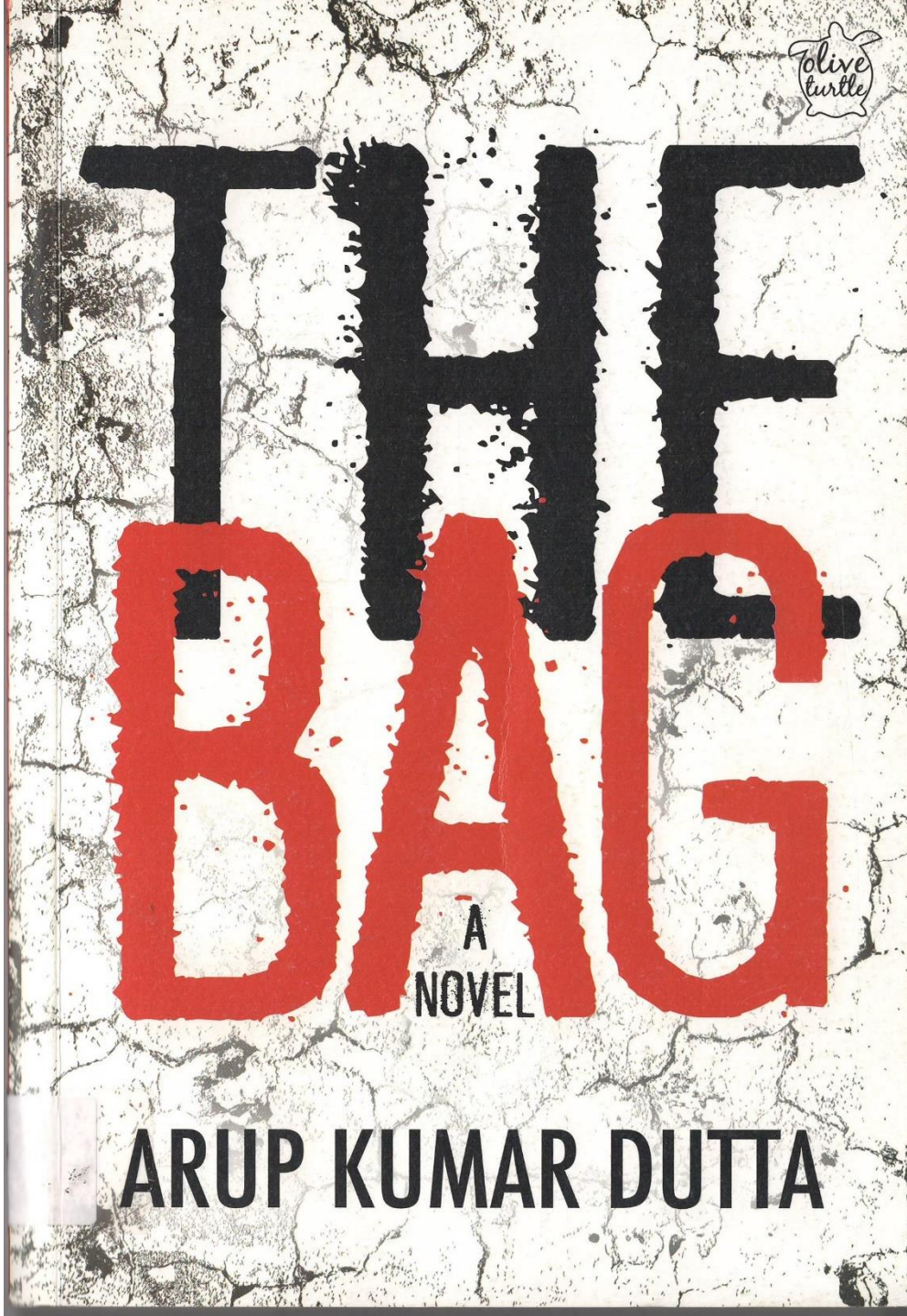
At Home with Muhammad Ali is an intimate, behind-the-scenes portrait of a legend, a man admired and respected as the greatest sporting icon of our age, written by Ali's daughter Hana. As Muhammad Ali approached the end of his astonishing boxing career, he strove to embrace a new purpose and role in life beyond the ring. It was a role that would see him take centre stage as an ambassador for peace and friendship, whilst at the same time attempting to find balance and harmony with his many commitments and responsibilities as a husband, devoted father, son and friend. In the 1970s Ali began recording a series of audio diaries, mostly in his LA home. Through these private tapes, as well as personal...



Acc. No : 38042

Call No : Fiction DUT-A

THE BAG zooms in on one of the all too many poignant mini-dramas that are played out in the conflict zones of North-East India, where no one 'wins'. Senior Police Inspector Lahiri, with his pastiche dispassion and pretend cynicism, the dreaded United Liberation Front of Assam (ULFA) insurgent Hiren Bora, and his 12-year-old brother Okon—each of them is a victim of circumstances not quite of their own making, portrayed with startling realism. The novel probes the psyche of a morally righteous village youth with strong ideals and big dreams, compassionately delineates his transformation into a militant, and explores the complexity of the relationship that exists between him and his adolescent...



CHLOE SNOW'S DIARY

THE YEAR OF LIVING AWKWARDLY

EMMA CHASTAIN

innovate

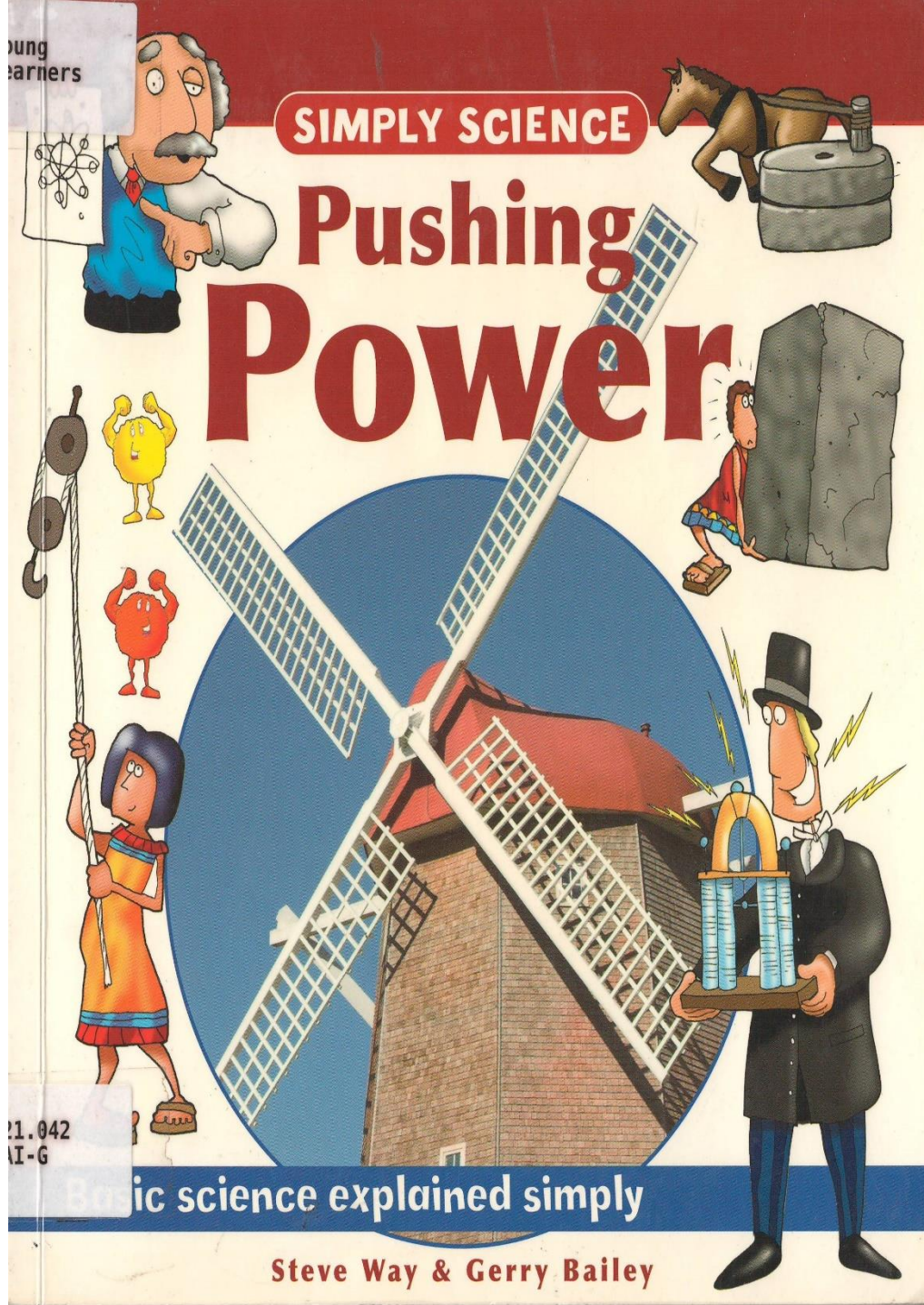
achieve

lead

Acc. No : 36882

Call No : Fiction CHA-E

Another toe-curlingly awkward and laugh-out-loud diary from Chloe Snow, hapless high schooler and all-round disaster magnet. It's Chloe Snow's sophomore year of high school, and life has only grown more complicated. Last year, Chloe was the star of the musical. This year, she's just a lowly member of the ensemble. Chloe's best friend, Hannah, is no help: she's been sucked into the orbit of Lex, evil Queen Bee of the class. Meanwhile, Chloe's dad is busy falling in love with Miss Murphy, and her mother is MIA in Mexico with her much younger bullfighting boyfriend, Javi... If only Chloe could talk to Grady about it - he's easy to talk to. Or he was, until he declared his love for Chloe, she turned him down because despite all her...

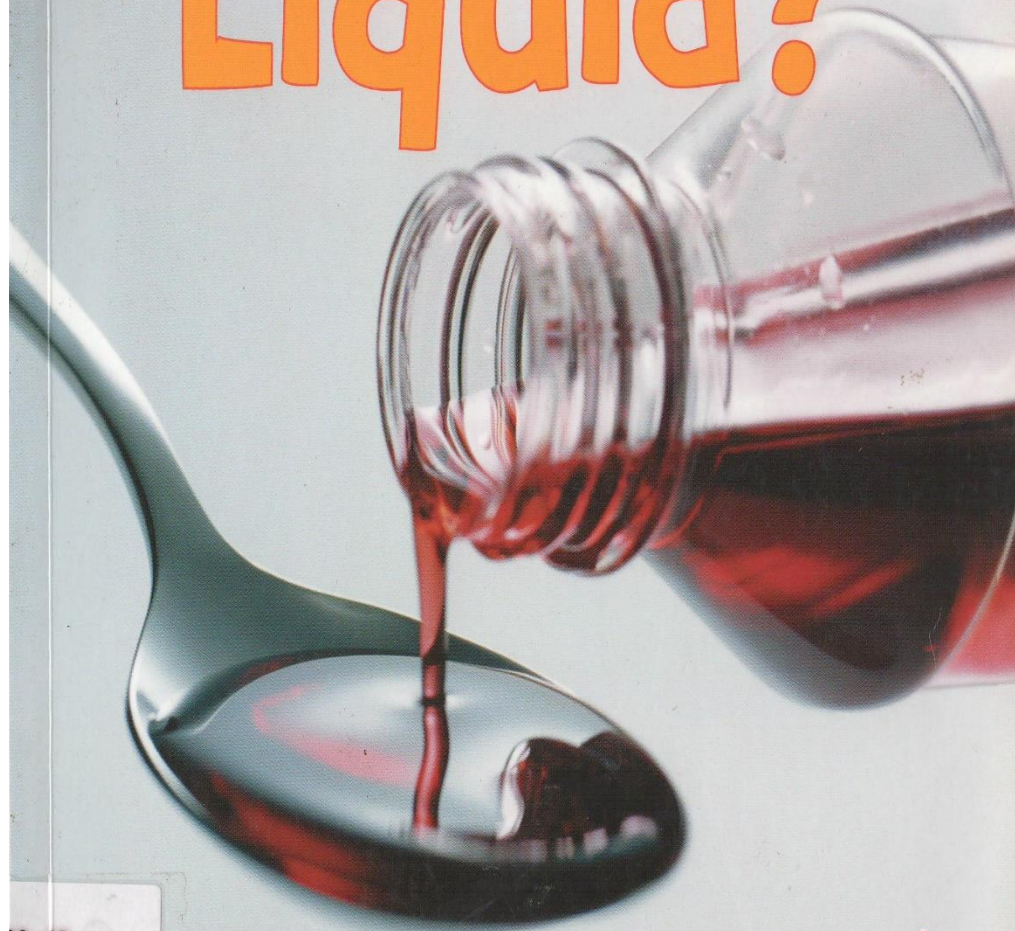


Acc. No : 31407

Call No : 621.042 BAI-G

Why do we need energy? To do things! you won't have used much, but you would have used some energy to open the cover of this book. Now your eyes are using energy to see the words you are reading. Your brain is using energy to work out what they say! May be if you've got a light on so you can see the words more clearly. You're also using light energy. We need energy to move. There are lots of forms of energy, it can come from the Sun and from electricity. Energy also comes from moving wind and water, from animals and other natural sources. This first science book explores the story behind energy with simple text and lively cartoons, photos and diagrams. So, energy lets us do things, or can be...

What Is a Liquid?



by Jennifer Boothroyd



530.42
BOO-J

Step



Acc. No : 31660

Call No : 530.42 BOO-J

What Is a Liquid? offers emergent readers a simple explanation of matter, a description of liquids, and examples of how liquids can change into different states of matter. When some liquids are mixed together, they make a new liquid. Orange squash is one example. Some liquids do not make a new liquid when they are mixed together. Oil and water will stay separate in a jar. Liquids can be thick or thin. Thick liquids like honey and syrup flow slowly. Thin liquids like water and juice flow quickly. Evaporation happens when a liquid dries up. The liquid changes to a gas and becomes part of ...



7A

7A
Library
Engineering
Literature
Geography

Thank you