



Call No : 005.1 TRI-A

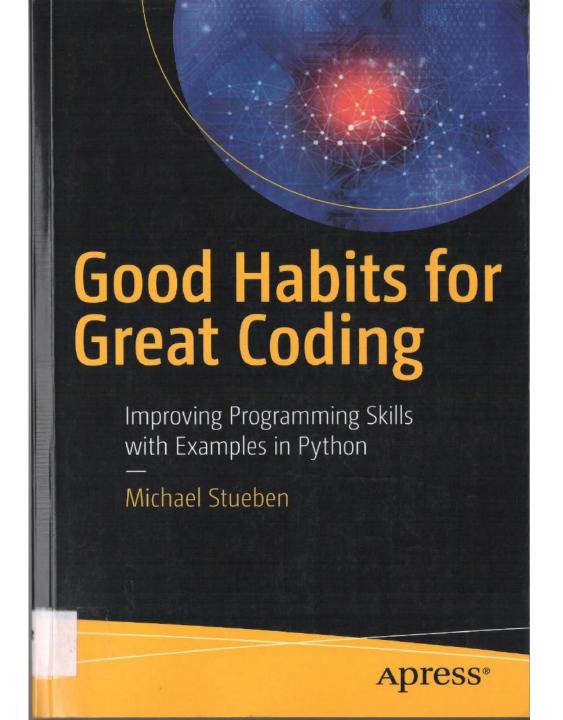
Design RPA solutions to perform a wide range of transactional tasks with minimal cost and maximum ROI **Key Features A beginner's guide to learn Robotic Process** Automation and its impact on the modern world Design, test, and perform enterprise automation task with **UiPath Create Automation apps and deploy them to all** the computers in your department. Book Description Robotic Process Automation (RPA) enables automating business processes using software robots. Software robots interpret, trigger responses, and communicate with other systems just like humans do. Robotic processes and intelligent automation tools can help businesses improve the effectiveness of services faster and at a lower cost than...





Call No : 005.262 STU-M

Improve your coding skills and learn how to write readable code. Rather than teach basic programming, this book presumes that readers understand the fundamentals, and offers time-honed best practices for style, design, documenting, testing, refactoring, and more. Taking an informal, conversational tone, author Michael Stueben offers programming stories, anecdotes, observations, advice, tricks, examples, and challenges based on his 38 years experience writing code and teaching programming classes. Trying to teach style to beginners is notoriously difficult and can easily appear pedantic. Instead, this book offers solutions and many examples to back up his ideas. Good Habits for Great **Coding distils...** 









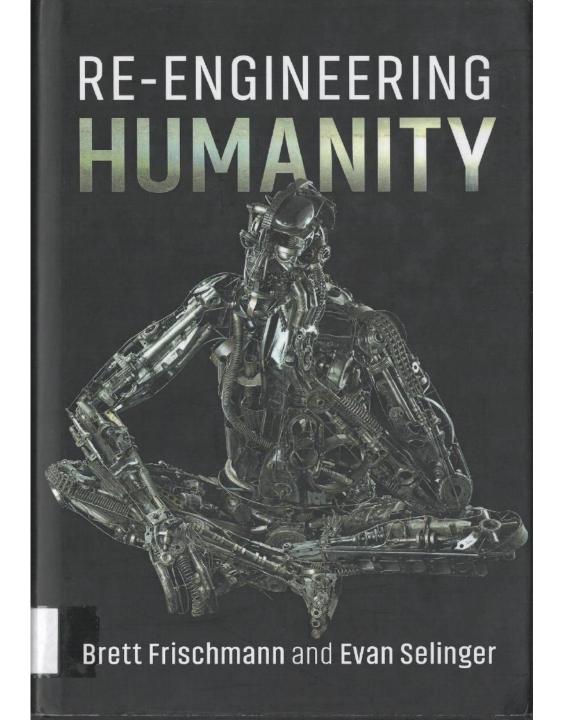
Teaching Machines to Paint, Write, Compose and Play David Foster Acc. No : 40538

Call No : 006.31 FOS-D

All Indian reprints of O'Reilly are printed in grayscale. generative modeling is one of the hottest topics in Al. It's now possible to teach a machine to excel at human endeavours such as painting, writing, and composing music. With this practical book, machine-learning engineers and data scientists will discover how to recreate some of the most impressive examples of generative deep learning models, such as variational auto encoders, generative adversarial networks, encoder-decoder models, and world models. Author David foster demonstrates the inner workings of each technique, starting with the basics of deep learning before advancing to some of the most cutting-edge algorithms in the...

Call No : 158.1 HIL-N

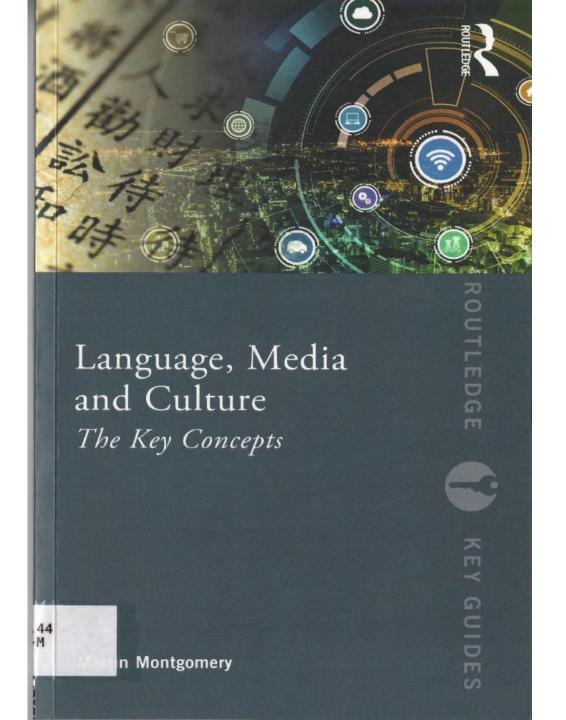
In this classic, The pioneering motivational coach Napoleon Hill teaches how to make the crucial leap from faith to action in bringing your dreams to life. Believe in yourself... Have faith... We often hear these expressions. But faith is not enough. We need 'applied faith'. in three hard-hitting chapters, Hill teaches you how to transform belief into action, and faith into real-life plans. Application. Enthusiasm. Action. These are the three keys required to do more than just "believe in yourself to actually be the person you want to be. Wishes won't bring riches provides you with the missing link necessary to go from visualizing your dreams to living them. The three principles explained in this book teach you how to convert your plans into action. Thinking, hoping and...





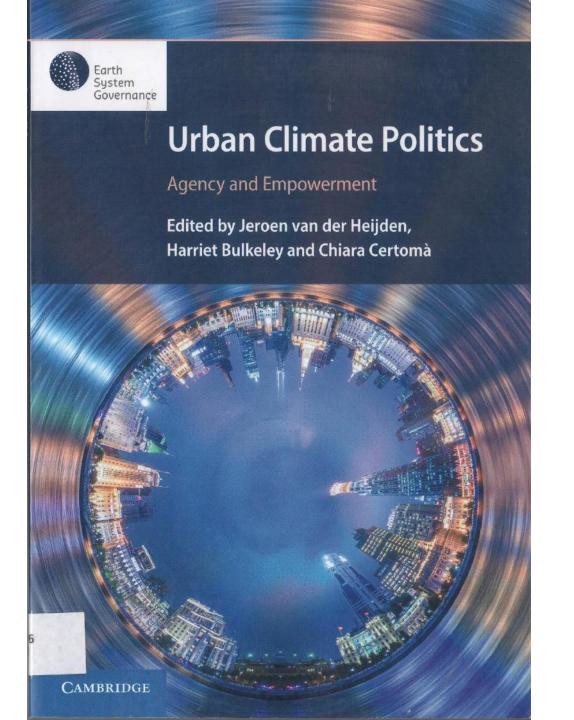
Call No : 303.483 FRI-B

Every day, new warnings emerge about artificial intelligence rebelling against us. All the while, a more immediate dilemma flies under the radar. Have forces been unleashed that are thrusting humanity down an ill-advised path, one that's increasingly making us behave like simple machines? In this wide-reaching, interdisciplinary book, Brett Frisch Mann and Evan Selinger examine what's happening to our lives as society embraces big data, predictive analytics, and smart environments. They explain how the goal of designing programmable worlds goes hand in hand with engineering predictable and programmable people. Detailing new frameworks, provocative case studies, and mind-blowing thought...



Call No : 306.44 MAR-M

Language, Media and Culture: The Key Concepts is an authoritative and indispensable guide to the essential terminology of the overlapping fields of Language, Media and Culture. Designed to give students and researchers 'tools for thinking with' in addressing major issues of communicative change in the 21st century, the book covers over 500 concepts as well as containing an extensive bibliography to aid further study. Subjects covered include, Authenticity, Truthiness, Structures of feeling, Turn-taking, Transitivity, Validity claims. With referencing and further reading provided throughout, this book provides an inclusive map of the discipline, and is an essential reference work for students in communication, media, journalism and...



Call No : 307.76 HEI-J

Since the 1990s, a burgeoning literature has emerged on the politics and governance of urban climate. It is now evident that urban responses to climate change involve a diverse range of actors as well as forms of agency that cross traditional boundaries, and which have diverse consequences for (dis)empowering different social groups. This book provides an overview of the forms of agency in urban climate politics, discussing the friction and power dynamics between them. Written by renowned scholars, it critically assesses the advantages and limitations of increasing agency in urban climate governance. In doing so, it sheds critical new light on the existing literature, advances the state of knowledge of urban climate governance and...



### Nature Conservation in the New Economy

People, Wildlife and the Law in India

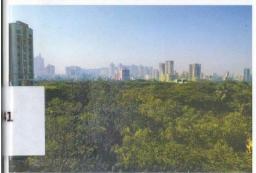
Edited by

Ghazala Shahabuddin

K. Sivaramakrishnan







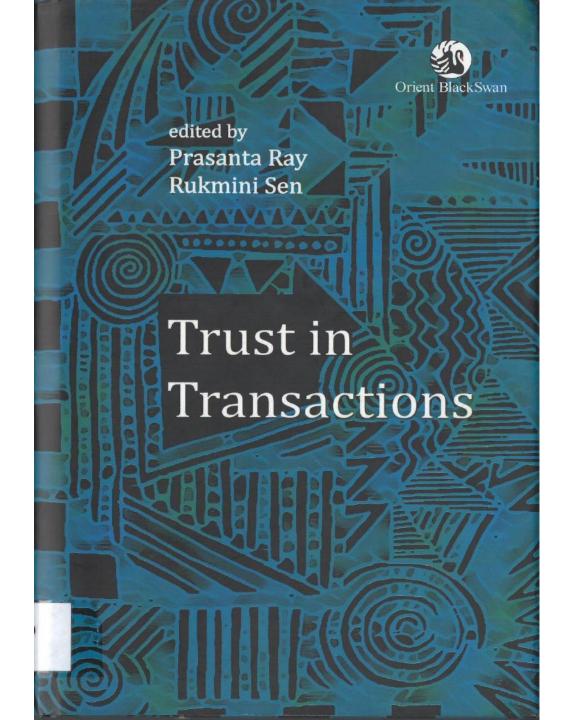




Acc. No : 39488

Call No : 333.9541 SHA-G

in twenty first century India, characterised by economic reforms and increased global demand for natural resources and Minerals, the environment, primary resources, diversity and wilderness have come under unprecedented stress. In this context. conservation in the new economy presents studies of conservation efforts after economic liberalisation, and the institutional, legal, scientific, political and social constraints in meeting conservation goals. Building on sustained case research across India, The chapters in this book examine conservation policies in diverse contexts, such as the wildlife protection Act in Northeast India; The management of Delhi's forests; conservation of...





Call No : 338.8509 RAY-P

Trust the foundation of cooperative living, is an important part of all social relationships. There is no site "institutions, organisations, nation-states" where relationships can be sustained without trust. In India, trust has currently become an important issue. Citizens are concerned about the trustworthiness of policies and practices that lie at the intersection of governance and economy. Transactions are at the centre of all economic activities, conducted by a variety of economic actors. Hence, trust is a vital facilitator of transaction. Trust is seen here as relational trust, trust developed from and sustained by relationships between the trusting and the trusted beginning with an overview of trust analysis across disciplines, The chapters analyse a range...





#### Environmental Governance in India

Issues and Challenges

rakash Chand Kandpal

Acc. No : 41237

Call No : 363.7056 KAN-P

This exhaustive and thorough book on environmental governance in India examines the multi-layered interaction between society and nature in the light of the role of the State, the Judiciary and Civil Society. Governance of the natural environment has, arguably, emerged as one of the most complex challenges faced by humanity. Consequently, environment has been increasingly incorporated in the agenda at all levels of governance, for both developed and developing countries. Environmental Governance in India: Issues and Challenges traces this environment development discourse and addresses the limitations, obstacles and possibilities for equitable, just and sustainable development. A pioneering text focusing on...

# Behaviour of Lithium-Ion Batteries in Electric Vehicles

Battery Health, Performance, Safety, and Cost





Acc. No : 41478

Call No: 388 PIS-G

This book surveys state-of-the-art research on and developments in lithium-ion batteries for hybrid and electric vehicles. It summarizes their features in terms of performance, cost, service life, management, charging facilities, and safety. Vehicle electrification is now commonly accepted as a means of reducing fossilfuels consumption and air pollution. At present, every electric vehicle on the road is powered by a lithium-ion battery. Currently, batteries based on lithium-ion technology are ranked first in terms of performance, reliability and safety. Though other systems, e.g., metal-air, lithium-sulphur, solid state, and aluminiumion, are now being investigated, the lithium-ion system is likely to dominate for at least the next...



MODEL THEORY
AND THE
PHILOSOPHY OF
MATHEMATICAL
PRACTICE

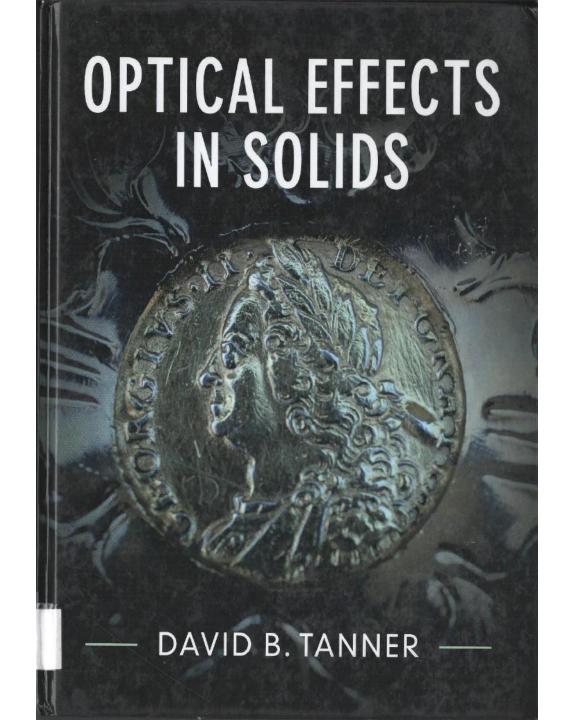
FORMALIZATION WITHOUT FOUNDATIONALISM

JOHN T. BALDWIN

Acc. No : 41353

Call No : 511.34 BAL-J

Major shifts in the field of model theory in the twentieth century have seen the development of new tools, methods, and motivations for mathematicians and philosophers. In this book, John T. Baldwin places the revolution in its historical context from the ancient Greeks to the last century, argues for local rather than global foundations for mathematics, and provides philosophical viewpoints on the importance of modern model theory for both understanding and undertaking mathematical practice. The volume also addresses the impact of model theory on contemporary algebraic number theory, combinatorics, and geometry, differential equations. This comprehensive and detailed book will interest logicians and...





Call No: 530.TAN-D

An overview of the optical effects in solids, addressing the physics of various materials and their response to electromagnetic radiation. The discussion includes semiconductors, superconductors, metals. insulators. The book begins by introducing the dielectric function into Maxwell's macroscopic equations and finding their plane-wave solution. The physics governing the dielectric function of various materials is then covered, both classically and using basic quantum mechanics. Advanced topics covered include interacting electrons, the anomalous skin effect, anisotropy, magneto-optics, and inhomogeneous materials. Each subject begins with a connection to the basic physics of the particular solid, after which the measurable...



Valery Ya. Rudyak · Vladimir M. Aniskin Anatoly A. Maslov · Andrey V. Minakov Sergey G. Mironov

### Micro- and Nanoflows

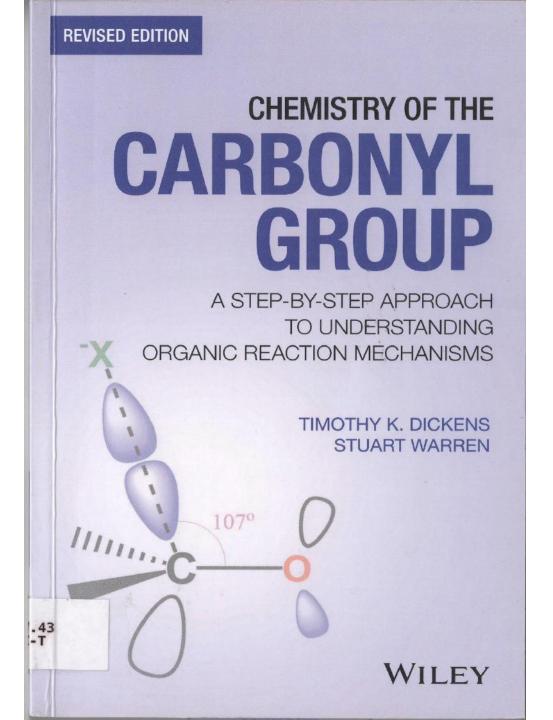
Modeling and Experiments



Acc. No : 41360

Call No : 532.05 RUD-V

This book describes physical, mathematical and experimental methods to model flows in micro- and Nano fluidic devices. It takes in consideration flows in channels with a characteristic size between several hundreds of micrometres to several nanometres. Methods based on solving kinetic equations, coupled kinetic-hydrodynamic description, and molecular dynamics method are used. Based on detailed measurements of pressure distributions along the straight and bent micro channels, the hydraulic resistance coefficients are refined. Flows of disperse fluids (including disperse Nano fluids) are considered in detail. Results of hydrodynamic modelling of the simplest micromixers are reported. Mixing of fluids in a Y-type and...



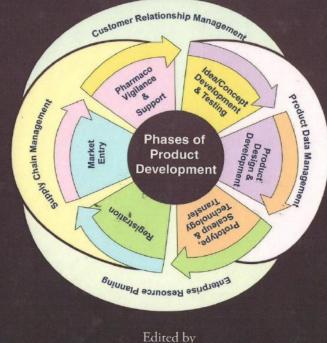


Call No : 547.43 DIC-T

This book is an interactive approach to learning about chemistry of the carbonyl group inviting students to work through its pages with pencil and paper in hand. It educates with the belief that the most effective way to learn is by practice and interaction. With this in mind, the reader is asked to predict what would happen under a specific set of reaction conditions. The book is divided into frames: each frame poses a question and invites the reader to predict what will happen. Subsequent frames give the solution but then pose more questions to develop a theme further. Chemistry of the Carbonyl Group. A Programmed Approach to Organic Reaction Mechanisms, Revised Edition provides a solid grounding in the fundamental reactions of...



Insights into Pharmaceutical Processes, Management and Regulatory Affairs



Vandana B. Patravale • John I. Disouza Maharukh T. Rustomjee

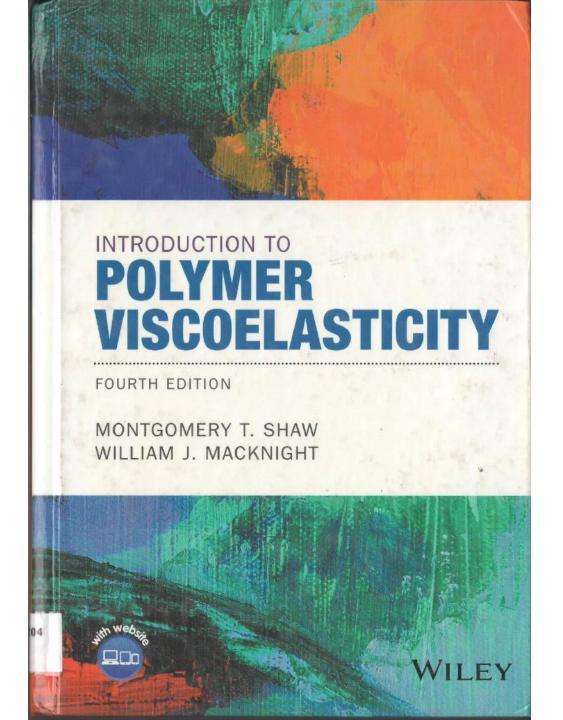




Acc. No : 41308

Call No : 615.1 PAT-V

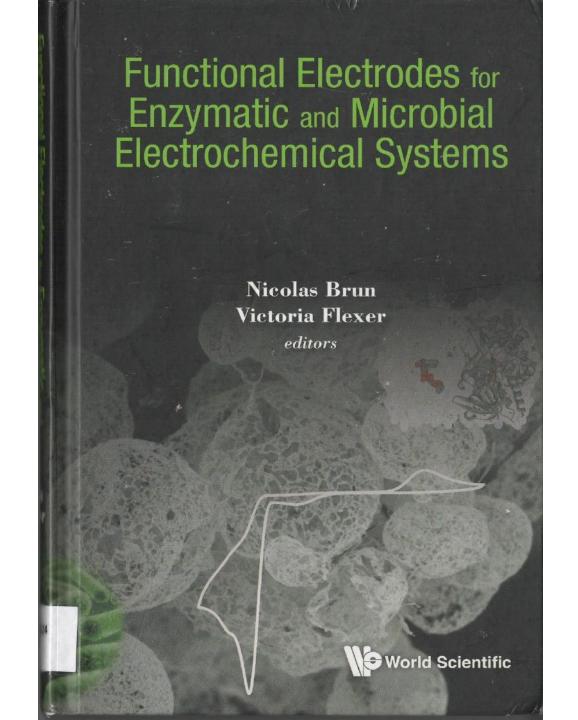
Pharmaceutical product development multidisciplinary activity involving extensive efforts in systematic product development and optimization in compliance with regulatory authorities to ensure the quality, efficacy and safety of resulting products. Pharmaceutical Product Development equips the pharmaceutical formulation scientist with extensive and up-to-date knowledge of drug product development and covers all steps from the beginning of product conception to the final packaged form that enters the market and lifecycle management thereof. Applications of core scientific principles for product development are also thoroughly discussed in conjunction with the latest approaches involving design of experiment and...





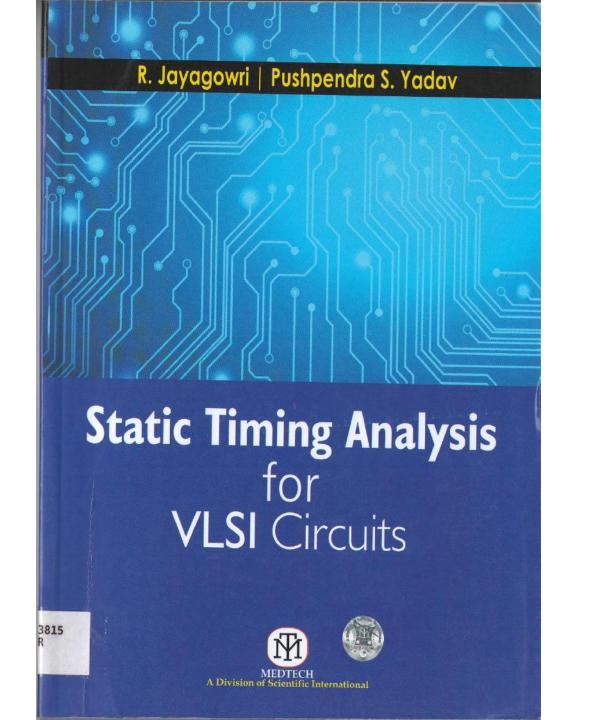
Call No : 620.19204 SHA-M

Completely revised and updated, the fourth edition of this classic text continues to offer the reader a thorough understanding of viscoelastic behaviour, essential for the proper utilization of polymers. Explains principles, corresponding equations, and experimental methods with supporting real-life applications. Adds coverage of measurement techniques (nano-indentation, atomic microscopy (AFM), and diffusing force spectroscopy (DWS)), biopolymer viscoelasticity, and the relationship between mechanical polymer properties and viscoelastic functions. Has two new sections to address modern areas of viscoelastic measurement: large amplitude oscillatory shear and micro rheology. Includes problems in the text and...



Call No : 621.3124 BRU-N

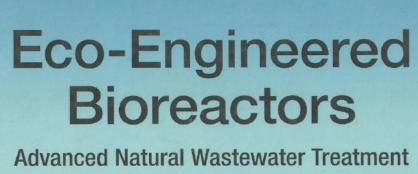
Bio electrochemical Systems (BESs) are innovative and sustainable devices. They combine biological and electrochemical processes to engineer sensors, treat wastewater and/or produce electricity, fuel or highvalue chemicals. In BESs, scientists have managed to incorporate biological catalysts, i.e. enzymes and/or microorganisms, and make them work in advanced electrochemical cells. BESs operate under mild conditions - at close to ambient temperature and pressure and at circumneutral pH - and represent a sustainable alternative to precious metal-based systems. Incorporating biological catalysts into devices while maintaining their activity and achieving electrical communication with electrode...





Call No : 621.3815 JAY-R

The book STATIC TIMING ANALYSIS FOR VLSI CIRCUITS is prepared to focus on simple way of explanation of timing concepts of integrated circuit design with very simple English language. It may help the students of undergraduate and postgraduate degree in electronics stream those who are interested to work in ASIC design. At the same time, the book is also targeted for industry engineers who can use for their reference. So the book is planned such a manner to provide this comfort for all kind of readers. This book can be used as a textbook for the Static Timing Analysis course. For the undergraduate and postgraduate electronics students community of all Indian universities it can also be used as a good reference book for the course titled...







Al Mattes • William Stiebel • Brent Wootton





Acc. No : 41179

Call No : 628.3 JAM-H

This book provides a comprehensive understanding of a highly innovative method of natural wastewater treatment using advanced in-ground bioreactors called Eco-Engineered Bioreactors (EEBs), and traces their evolution from the earliest aerated gravel bed versions once known as Engineered Wetlands (EWs) and now known as BREW Bioreactors (BBRs) all the way to today's wide slate of aerobic and anaerobic varieties. Treatment using EEBs involves passing wastewaters through excavated basins in which they contact fixed films of microbial consortia on permeable substrate media. Written from the perspective of ecological engineers designing EEBs, this guide covers updated information on...

"Apte and Sheth have documented how embracing and advocating sustainability is emerging as the next competitive advantage."

RATAN TATA, Former Chairman, Tata Sons

### innovate achieve lead

#### FOREWORD BY PHILIP KOTLER

# Sustainability Edge

How to Drive Top-Line Growth with Triple-Bottom-Line Thinking

SUHAS APTE JAGDISH N. SHETH



Acc. No : 40978

Call No : 658.408 APT-S

Foreword by Philip Kotler how to drive top-line growth with triple-bottom-line thinking business leaders need to embrace sustainability to ensure the lasting success of their organizations. Suhas Apte and Jagdish Sheth bring their expertise from both practice and academia to illustrate how business leaders can embed sustainability in a truly holistic and transformative way. Through an examination of companies such as Walmart, at&t, I ke a and the Tata group, Apte and Sheth have developed a proven and actionable framework rooted in the real world success of these companies. The case studies reveal how business leaders proactively engage, energies and promote market sustainability to all of their...









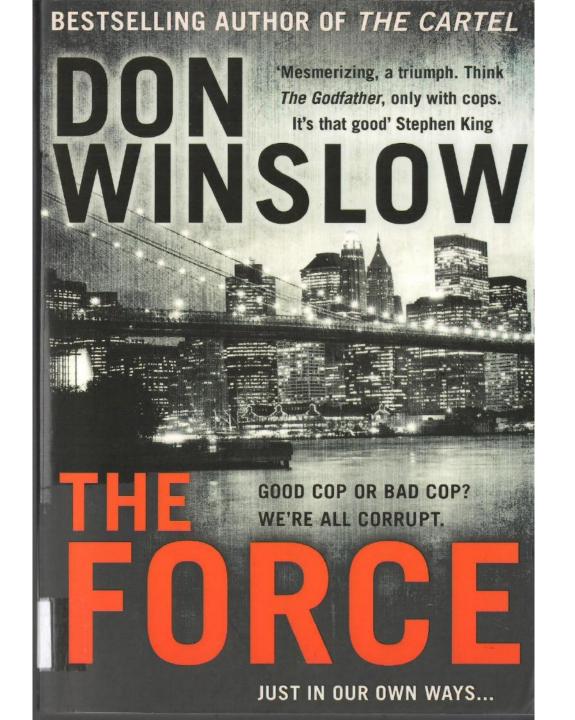
attacks
violence and offence-taking in India

malvika maheshwari

Acc. No : 40494

Call No : 709.54 MAH-M

Since the end of the 1980s in India, self-styled representatives of a variety of ascriptive groups religious, caste, regional, and linguistic have been routinely damaging artworks, disrupting their exhibition, and threatening and assaulting artists and their supporters. Often, these acts are claimed to be a protest against allegedly 'hurtful' or 'offensive' artworks, wherein its regularity and brazenness has led to an intensifying sense of fear, frustration, and anger within the art world. Art Attacks tells the story of this phenomenon and maps the concrete political transformations that have informed the dynamic unfolding of violent attacks on artists. Based on extensive interactions with offence-takers, assailants, and...





Call No : 813.54 WIN-D

From the New York Times bestselling author of The **Cartel winner of the Ian Fleming Steel Dagger Award for** Best Thriller of the Year comes The Force, a cinematic epic as explosive, powerful and unforgettable as The Wire. Detective sergeant Denny Malone leads an elite unit to fight gangs, drugs and guns in New York. For eighteen years he's been on the front lines, doing whatever it takes to survive in a city built by ambition and corruption, where no one is clean. What only a few know is that Denny Malone himself is dirty: he and his partners have stolen millions of dollars in drugs and cash. Now he's caught in a trap and being squeezed by the Feds and he must walk a thin line of betrayal, while the city teeters on the brink of a...





Call No : 891.4 SEN-S

This volume looks at the early Indian novel in a comparative frame, in the light of new conceptual approaches and research. It looks at novels written in various Indian languages as well as English. This is not a chronological or comprehensive history of the Indian novel, but a book about the connections between the novel in India as an emerging genre in relation to discourses such as political writing, visual culture, popular print genres, law and ethnography. A wideranging examination of the early Indian novel of the kind to be found here has not been attempted before. This volume breaks new ground in the scholarship on the novel both in India and Europe. It will contribute to discussions on cultural modernity, the emergence of...

FORMATIONS

The Indian Beginnings of a

European Genre



A Journal from the Partition of India

'Deftly combining social satire with political critique, Taunsvi anticipates Manto's Partition fiction, written after 1948... The Sixth River is a most welcome addition to the burgeoning personal narratives on Punjab's and India's partition.'—Ayesha Jalal, Mary Richardson Professor of History, Tufts University



FIKR TAUNSVI

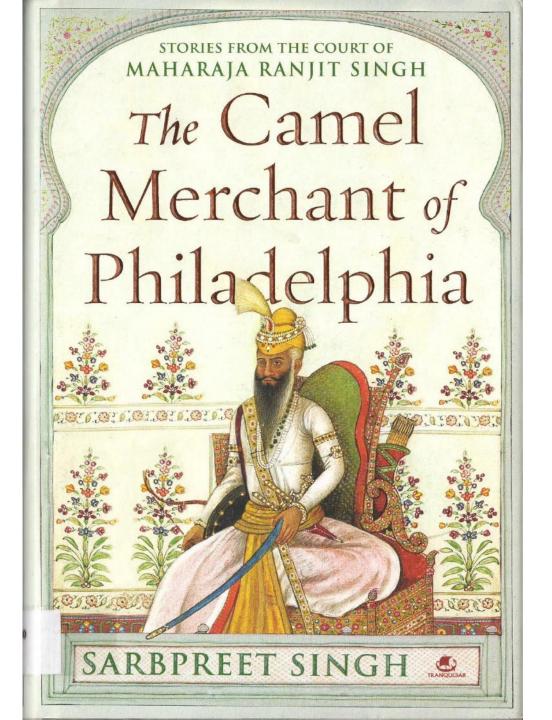
Translated by MAAZ BIN BILAL



Acc. No : 39849

Call No : 954.042 TAU-F

The Partition of India in 1947 left millions displaced amidst indiscriminate murders, rapes and looting. The Sixth River, originally published as Chhata Darya, is an extraordinary first-person account of that violent time. Born Ram Lal Bhatia in the town of Taunsa Sharif, then in the Punjab, Fikr Taunsvi left for the cosmopolitan city of Lahore in the 1930s. Here he worked with various newspapers, wrote poetry and articles, and became a part of the intellectual circle. But when independence was announced, Fikr was faced with a new reality of being a Hindu in his beloved city, now in Pakistan. The Sixth River is the journal Fikr wrote from August to November 1947 as Lahore disintegrated around him. Fikr is angry at the short sightedness and...





Call No : 954.5520 SIN-S

In 1801, the young scion of a petty fiefdom in the Punjab was invested with the title of Maharaja of Punjab. The young man, whose name was Ranjit Singh went on to carve out a kingdom for himself that stretched from the borders of Afghanistan in the west to the boundaries of the British Raj in the east. It included the lush hills and valleys of Kashmir, the barren mountains of Ladakh and the fertile plains of his native Punjab. The British valued him as an ally who would keep their western frontier safe and while they coveted his kingdom, they did not dare to engage in military adventures in Punjab during his lifetime. The Camel Merchant of Philadelphia is an examination of Ranjit Singh and his times that focuses on a wide array of colourful characters that...



## Aardman AN EPIC JOURNEY TAKEN ONE FRAME AT A TIME

AN AUTOBIOGRAPHY



PETER LORD & DAVID SPROXTON

Introduction by NICK PARK
Foreword by MATT GROENING

Acc. No : 39415

Call No : Autobiography LOR-P

For over 40 years, Aardman has entertained and charmed the world creating memorable stories and timeless animated characters that have gone on to become household names including Wallace and Gromit, Shaun the Sheep and Morph. But how did two teenagers experimenting with animation on an old kitchen table go on to create a world-class studio that conquered Hollywood. This is an intimate, revealing and funny behind-the-scenes story of Aardman, told in their own words by co-founders Peter Lord and David **Sproxton and featuring Nick Park. The colourful account** follows Peter and David's extraordinary journey from their humble beginnings as penniless students, teaching themselves the craft of animation and...





author of Erotic Stories for Punjabi Widows

# UNLIKELY ADVENTURES THE SHERGILL SISTERS

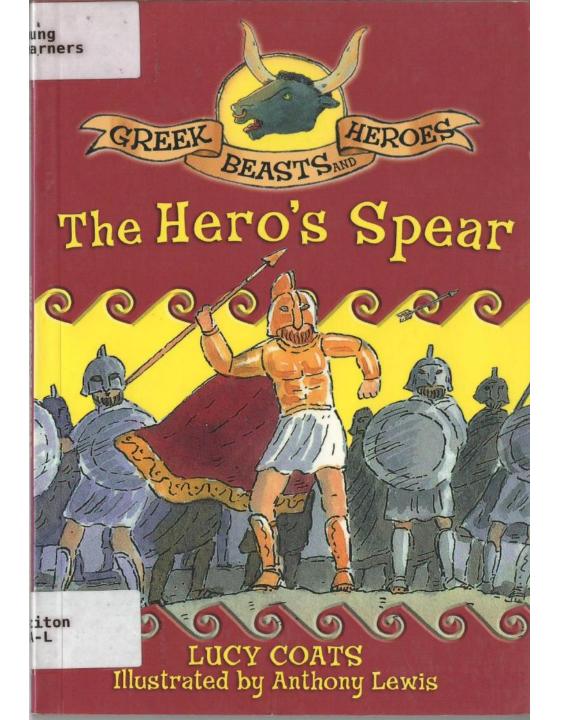
'Big-hearted, earthy and funny ... A rattlingly good story.'

Deborah Moggach, author of These Foolish Things

Acc. No : 40007

Call No: Fiction JAS-B

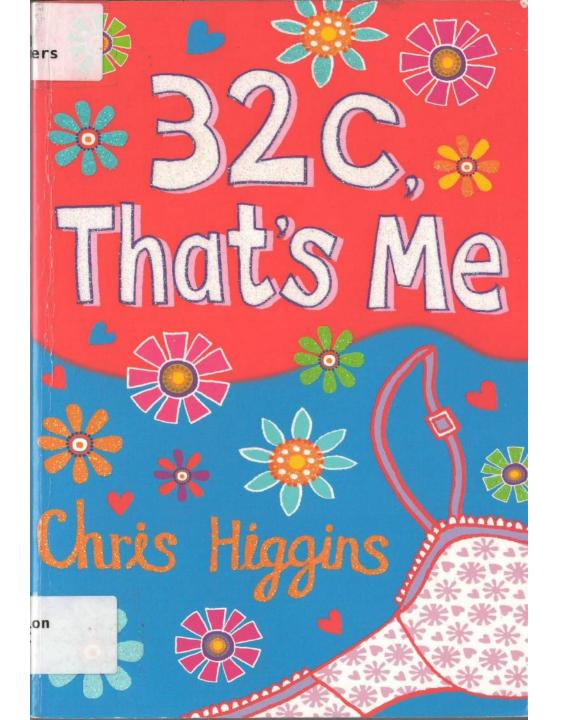
The Shergill sisters never needed each other-until they did. Rajni, Jezmeen and Shirina Shergill have never been close but when their mother dies, she has only one request: that they take a pilgrimage across India to carry out her final rites. While an extended family holiday is the last thing they want, each sister has her own reasons to run away from her life. Rajni is the archetypal knowit-all eldest but her son dropped a bombshell before she left and, for the first time, she doesn't know what the future holds. Middle sister Jezmeen, always a loudmouth, has translated her need for attention into life as a struggling actress. But her career is on the skids after an incident went viral and now she's desperate to find her voice...





Call No : Fiction COA-L

Whose was the face 'that launched a thousand ships'? Why did King Menelaus call other kings to war? Whose body was worth its weight in gold? The answers are here! In other stories in the 10th volume of the essential introduction to ancient Greek myths, readers can thrill to stories of war and conquest, heroism and hi-jinks. Meet Achilles, too, and find out why we explain someone's weakness as being their 'Achilles' heel'. Meanwhile, what's happened the Atticus the Storyteller and his quest to visit Troy? Could he still be at sea, after all this time. Long ago, in ancient Greece, gods and goddesses, heroes and heroines lived together with fearful monsters and every kind of fabulous beast that ever flew, or walked or swam. But little by little, as people began to build more villages and...





**Call No**: Fiction HIG-C

Jess seems to have it all. She has a gorgeous boyfriend, Muggs, landed the lead in the school play and her best friend Ali will always stick by her. She even gets on well with her older sister. Then her mum is diagnosed with breast cancer and Jess's world is turned upside down. No one seems to understand what she's going through. Muggs is too busy with the play, her dad is never around to talk to and all of a sudden Ali is avoiding her. Jess soon starts to realise that maybe having it all isn't what really matters and maybe the people you thought you could depend on aren't the ones to trust. A fantastic and touching debut from Chris Higgins, undoubtedly a new talent who identifies exactly where teenagers are coming...

