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# Learn Raspberry Pi Programming with Python



Learn to Program on the World's  
Most Popular Tiny Computer

—  
*Second Edition*

—  
Wolfram Donat

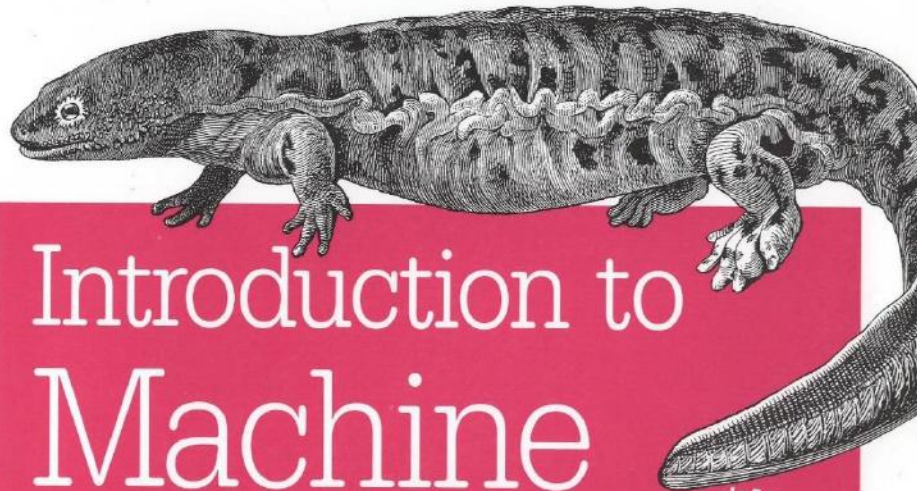
**Apress®**



Acc. No : 41094

Call No : 005.133 DON-W

Learn how to program your nifty new \$35 computer to make a web spider, a weather station, a media server, and more. This book explores how to make a variety of fun and even useful projects, from a web bot to search and download files to a toy to drive your pets insane. Even if you're completely new to programming in general, you'll see how easy it is to create a home security system, an underwater photography system, an RC plane with a camera, and even a near-space weather balloon with a camera. You'll learn how to use Pi with Arduino as well as Pi with Garboard, an expansion board with an onboard AT mega microcontroller. Learn Raspberry Pi Programming with Python has been fully updated in this new edition...



# Introduction to Machine Learning with Python

A GUIDE FOR DATA SCIENTISTS

Grayscale Edition  
For Sale in  
the Indian  
Subcontinent &  
Select Countries  
Only\*  
\*Refer Back Cover



Andreas C. Müller & Sarah Guido

Acc. No : 41092

Call No : 006.31 MUL-A

Machine learning has become an integral part of many commercial applications and research projects, but this field is not exclusive to large companies with extensive research teams. If you use Python, even as a beginner, this book will teach you practical ways to build your own machine learning solutions. With all the data available today, machine learning applications are limited only by your imagination. You'll learn the steps necessary to create a successful machine-learning application with Python and the scikit-learn library. Authors Andreas MÜller and Sarah Guido focus on the practical aspects of using machine learning algorithms, rather than the math behind them. Familiarity with the NumPy and matplotlib libraries will help you get...



## The Availability of Religious Ideas

RAMCHANDRA  
GANDHI



Acc. No : 39510

Call No : 210 GAN-R

when first published in 1976, Ramachandra Gandhi the availability of religious ideas was described thus by John hick, Professor of theology at Birmingham University: This is an unusual and a genuinely original book. On The basic problem of our existence as persons in community. The author embodies both the spiritual tradition of India and the intellectual tradition of the West with this double focus he explores philosophically, and in a way which shows the influence of Wittgenstein, what it is to be a conscious person in community and shows how the religious ideas of the soul, of God, prayer, immortality, the mystical and miraculous are generated by a kind of moral necessity. This reprint includes a new introduction by the eminent...

Barry Buzan and  
Laust Schouenborg

# Global International Society

A New Framework for Analysis



Acc. No : 40541

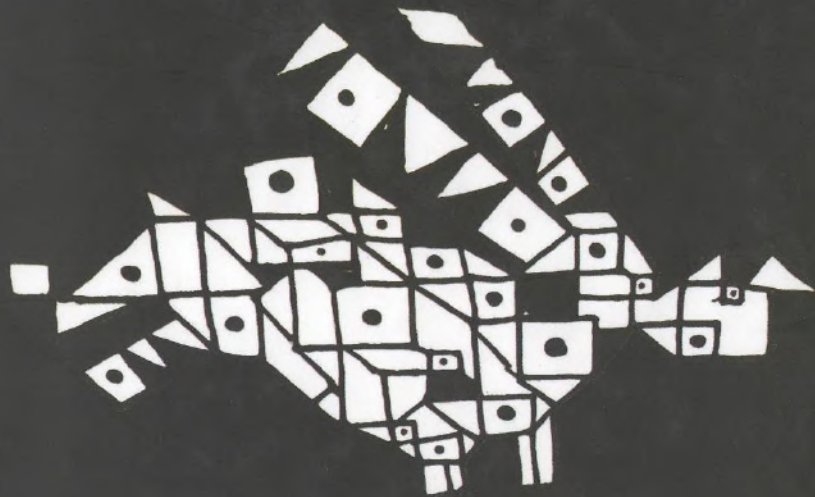
Call No : 303.482 BUZ-B

This ambitious book provides a new framework for analyzing global international society. In doing so, it also links the English School's approach more closely to classical sociology, constructivism, liberal institutionalism, realism and post colonialism. It retells the expansion of international society story to explain why the differences among states are as important as their similarities in understanding the structure and dynamics of contemporary GIS. Drawing on differentiation theory, it sets out four ideal-type models for international society. These cover the 'like units' of the classical English School, as well as differentiation by geography, hierarchy or privilege, and function. These models offer...



# DOING THEORY

Locations, Hierarchies and Disjunctions



edited by  
Maitrayee Chaudhuri  
Manish Thakur



Acc. No : 39454

Call No : 305.800954 CHA-M


we live in times where theory is often understood as irrelevant in the real world. It appears to have no practical results. This has been further complicated in a post-fact world, where our identities and perception have become the final judges of truth. Sociology or social anthropology, in contrast, rests on a fundamental distinction between common-sense and theoretically informed knowledge. It teaches us to get rid of perceptions and alerts us to go beyond taken-for-granted ideas. The paradox is that although theory is taught as a mandatory Paper in sociology, it is either reduced to a topic in the syllabi or used as ceremonial citations. Emphasizing that theories emerge in specific historical contexts and...



**Acc. No : 40237**

**Call No : 327.101 QIN – Y**

Drawing on Chinese cultural and philosophical traditions, this book offers a ground breaking reinterpretation of world politics from Yaqing Qin, one of China's leading scholars of international relations. Qin has pioneered the study of constructivism in China and developed a variant of this approach, arguing that culture defined in terms of background knowledge nurtures social theory and enables theoretical innovation. Building upon this argument, this book presents the concept of 'relationality', shifting the focus from individual actors to the relations amongst actors. This ontology of relations examines the unfolding processes whereby relations create the identities of actors and...



# **A RELATIONAL THEORY OF WORLD POLITICS**

**Yaqing Qin**



# YASHWANT SINHA

with ADITYA SINHA



HOW THE MODI GOVERNMENT  
BROKE THE ECONOMY



Acc. No : 39385

Call No : 338.954 SIN-Y

Yashwant Sinha is one of the fiercest, bravest and most well-respected critics of the Narendra Modi government. A former finance minister, he has seen first-hand and steered the country out of several crises, including the East Asian Crisis of 1997 and the sanctions that the US imposed on India in 1998 after the nuclear tests. Sinha's tenure as finance minister in the Atal Bihari Vajpayee government is celebrated as a golden period of economic reform and infrastructure building. In this book, he says the things that many are thinking but few have the courage to say. He looks back at the Modi government's economic and development track record and separates the truth from the PR spin. He also compares the political leadership and...



what do we  
know and  
what should we  
do about...?

# inequality

Mike Brewer



Acc. No : 41010

Call No : 339.2 BRE-M

Economic inequality in the UK is currently at historically high levels and the rise in income inequality over the last 30 years is one of the largest across developed nations. But what caused this sustained increase in inequality and what does it mean for modern society in the UK? In this book, Economist Mike Brewer discusses the causes and consequences of these high levels of economic inequality, outlining why the UK became so unequal in the 1980s and how this has developed further since the 2008 financial crash and the austerity that followed. Brewer then presents new analysis of the top 1% and 0.1%, before assessing the relevance of Thomas Piketty's landmark work and predictions around wealth inequalities. The author then outlines...



# Indian Administration

A Foundation of Governance

Radhakrishnan Saprú

Acc. No : 40597

Call No : 351.54 SAP-R

Indian Administration: A Foundation of Governance offers a modern introduction to the structure and functioning of Indian public administration. The text has been developed keeping in mind the various conceptual shifts in the idea and practice of governance and its effects at both domestic and global levels. It analyses the fundamentals of Indian administration and its multiple aspects through the lens of public administration theories and practices. Beginning with the evolutionary stages of administrative functions in independent India, the book elaborately traces the role of the Constitution in creating the framework for good governance. It provides critical insights into the development of...





*'When you're happy and you know it... share it!'*  
—Bhanu Didi, sister of Gurudev Sri Sri Ravi Shankar

# HAPPINESS EXPRESS

A JOURNEY TO EVERYDAY WELL-BEING



**Khurshed**  
Batliwala & **Dinesh**  
Ghodke



Acc. No : 39292

Call No : 371.30281 BAT-K

We live to be happy, but the few moments of happiness we experience are fleeting—gone like dew drops in the morning sun. Art of Living teachers Khurshed and Dinesh have spent the greater part of their lives being happy and coaching others to be happy. In Happiness Express they share the secrets behind their smiles. This warm and funny book, which abounds in personal anecdotes and practical tips for everyday well-being, will make Happiness a more integral part of your life than ever before. Learn about the importance of rest keeping your eyes closed is one of the biggest secrets to a long-lasting smile. Figure out the right types of food to eat a healthy gut often translates into a happier you. Know how physical exercise not only gives you...

29

*Aslak Tveito  
Ragnar Winther*

TEXTS IN APPLIED MATHEMATICS

# Introduction to Partial Differential Equations

## A Computational Approach



Acc. No : 41275

Call No : 515 TVE-A

Introduction to partial differential equations a computational approach latest available information and guidelines are incorporated. Easy to understand and thorough content. This book teaches basic methods of partial differential equations and introduces related important ideas associated with the analysis of numerical methods for those partial differential equations. Coverage details such topics as separation of variables, Fourier analysis, maximum principles, and energy estimates. The book introduces numerical methods in parallel to the classical theory and also includes many engaging exercises. Numerical methods are included in the book to show the significance of computations mathematical theory and...





# Probability and Statistics

Mukesh Kumar  
A.P. Singh  
Ashok Kumar  
Anand Chauhan



MEDTECH  
A Division of  
Scientific International

Acc. No : 40812

Call No : 519.2 KUM-M

This book is an introduction to probability and statistics for the graduate and undergraduate students. The basic idea of probability and statistics along with the many properties, theorems and examples is discussed in this book. This book provides a thorough knowledge of probability, random variable, continuous and discrete distributions. This book possesses five chapters. Each chapter has been described in such a way that the students will grasp the matter easily. The objective type questions are also presented at the end of every chapter. Probability and Statistics is most popular subject in the field of mathematics due to its various applications encountered in management, sciences and engineering. It is also extensively applicable in...

Steven M. Girvin and Kun Yang

# Modern Condensed Matter Physics



Acc. No : 41341

Call No : 530.41 GIR-S

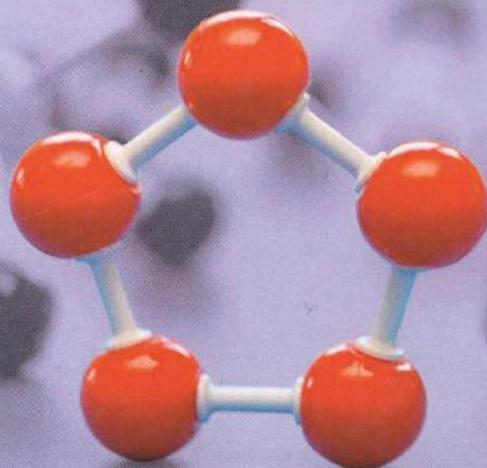
Modern Condensed Matter Physics brings together the most important advances in the field of recent decades. It provides instructors teaching graduate-level condensed matter courses with a comprehensive and in-depth textbook that will prepare graduate students for research or further study as well as reading more advanced and specialized books and research literature in the field. This textbook covers the basics of crystalline solids as well as analogous optical lattices and photonic crystals, while discussing cutting-edge topics such as disordered systems, mesoscopic systems, many-body systems, quantum magnetism, Bose Einstein condensates, quantum entanglement, and...





# Stereochemistry of Organic Compounds

V.K. Ahluwalia



Acc. No : 41163

Call No : 547.1223 AHL-V

Stereochemistry, the chemistry of organic compounds in three dimensions, helps in understanding the pathway of chemical transformations and plays a very special role in drugs. The most interesting example is the case of the drug Thalidomide, which was taken in Europe during pregnancy to avoid morning sickness. This disease caused catastrophic birth defects to children born to woman who took Thalidomide. It was subsequently found that the enantiomer had the desired effect and the enantiomer was responsible for abnormalities. There are a large number of cases recorded in literature having different effects of the enantiomers. The object of writing this book is to provide a simple way in understanding various aspects of...

Henk G. Merkus  
Gabriel M. H. Meesters  
Wim Oostra *Editors*

# Particles and Nanoparticles in Pharmaceutical Products

Design, Manufacturing, Behavior and Performance

 aaps®

 Springer



Acc. No : 41311

Call No : 615.19 MER-H

This edited volume brings together the expertise of numerous specialists on the topic of particles their physical, chemical, pharmacological and toxicological characteristics when they are a component of pharmaceutical products and formulations. The book discusses in detail properties such as the composition, size, shape, surface properties and porosity of particles with respect to how they impact the formulations and products in which they are used and the effective delivery of pharmaceutical active ingredients. It considers all dosage forms of pharmaceuticals involving particles, from powders to tablets, creams to ointments, and solutions to dry-powder inhalers, also including the latest...





Acc. No : 41291

Call No : 620.192 LVO-Y

Polymer-clay nanocomposites have flame-retardant, antimicrobial, anticorrosion and self-healing properties, they are biocompatible and environmentally benign. Multiple types of clay minerals may be exfoliated or individually dispersed and then used as natural nanoparticle additives of different size and shape for composite formation. Loading polymers with clays increases their strength, however, it is only recently that such composites were prepared with controlled nanoscale organization allowing for the enhancement of their mechanical properties and functionality. Edited by pioneers in the field, this book will explain the great potential of these materials and will bring together the combined physico-chemical, materials science and...

RSC Smart Materials

# Functional Polymer Composites with Nanoclays

Edited by Yuri Lvov, Baochun Guo  
and Rawil F. Fakhrullin



# Attosecond and Strong-Field Physics

Principles and Applications

C. D. Lin

Anh-Thu Le

Cheng Jin

Hui Wei



Acc. No : 41349

Call No : 621.3660 LIN-C

Probing and controlling electrons and nuclei in matter at the attosecond timescale became possible with the generation of attosecond pulses by few-cycle intense lasers, and has revolutionized our understanding of atomic structure and molecular processes. This book provides an intuitive approach to this emerging field, utilizing simplified models to develop a clear understanding of how matter interacts with attosecond pulses of light. An introductory chapter outlines the structure of atoms and molecules and the properties of a focused laser beam. Detailed discussion of the fundamental theory of attosecond and strong-field physics follows, including the molecular tunneling ionization model the quantitative scattering model, and the laser induced electronic diffraction...

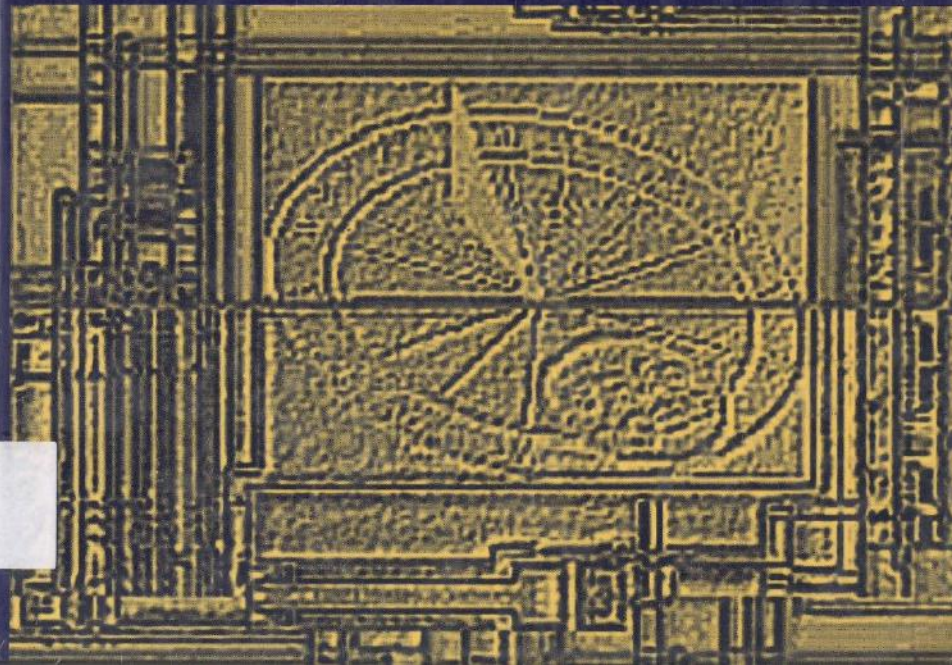




# Digital System Clocking

High-Performance and Low-Power Aspects

*Vojin G. Oklobdzija, Vladimir M. Stojanovic,  
Dejan M. Markovic, and Nikola M. Nedovic*



15

Acc. No : 41486

Call No : 621.3815 OKL-V

Digital System Clocking is assuming ever greater importance as clock speeds increase, doubling every three years. This the first book to focus entirely on clocked storage elements, "Flip-Flops" or "Latches" provides an in-depth introduction to the subject for both professional computer design engineers and graduate-level computer engineering students. In Digital System Clocking: High-Performance and Low-Power Aspects, you will find information on, Clocking in synchronous systems including on-chip clock generation, timing parameters, and clock signal distribution Latch-based and Flip-Flop derivation, Clock-to-output delay tcq Pipelining and timing analysis Absorbing clock uncertainties and...



# GREYHOUND NATION

*A Coevolutionary History of England, 1200–1900*



EDMUND RUSSELL



Acc. No : 40547

Call No : 636.7534 RUS-E

Edmund Russell's much-anticipated new book examines interactions between greyhounds and their owners in England from 1200 to 1900 to make a compelling case that history is an evolutionary process. Challenging the popular notion that animal breeds remain uniform over time and space, Russell integrates history and biology to offer a fresh take on human-animal coevolution. Using greyhounds in England as a case study, Russell shows that greyhounds varied and changed just as much as their owners. Not only did they evolve in response to each other, but people and dogs both evolved in response to the forces of modernization, such as capitalism, democracy, and industry. History and evolution were not separate...



# THE ECONOMIC FOUNDATIONS OF RISK MANAGEMENT

Theory,  
Practice, and  
Applications

Robert Jarrow



World Scientific



Acc. No : 41235

Call No : 658.155 JAR-R

'The book is an ideal complement to existing monographs on financial risk management. The reader will benefit from a standard background in no-arbitrage pricing. A tour of risk types and risk management principles is presented in a terse, no-fuss manner. Plenty of pointers to additional literature are given, allowing the interested reader to go deeper into any of the topics presented.' Newsletter of the Bachelier Finance Society

The Economic Foundations of Risk Management presents the theory, the practice, and applies this knowledge to provide a forensic analysis of some well-known risk management failures. By doing so, this book introduces a unified framework for understanding how to manage the risk of an individual's or...



Acc. No : 39427

Call No : 658.4 LAR-D

# CORPORATE GOVERNANCE MATTERS

SECOND EDITION

A CLOSER LOOK AT ORGANIZATIONAL  
CHOICES AND THEIR CONSEQUENCES

DAVID LARCKER  
BRIAN TAYAN

Corporate Governance Matters, Second Edition gives corporate board members, officers, directors, and other stakeholders all the knowledge they need to implement and sustain superior governance. Authored by two leading experts, it fully addresses every component of governance. This edition offers new or expanded coverage of key issues ranging from risk management and shareholder activism to alternative corporate governance structures. It also adds new classroom elements, making it even more useful in academic settings. Updated throughout, this text carefully synthesizes current academic and professional research, summarizing what is known, what is unknown, and where the evidence remains...



# AN INTRODUCTION TO THEATRE, PERFORMANCE AND THE COGNITIVE SCIENCES

John Lutterbie

807

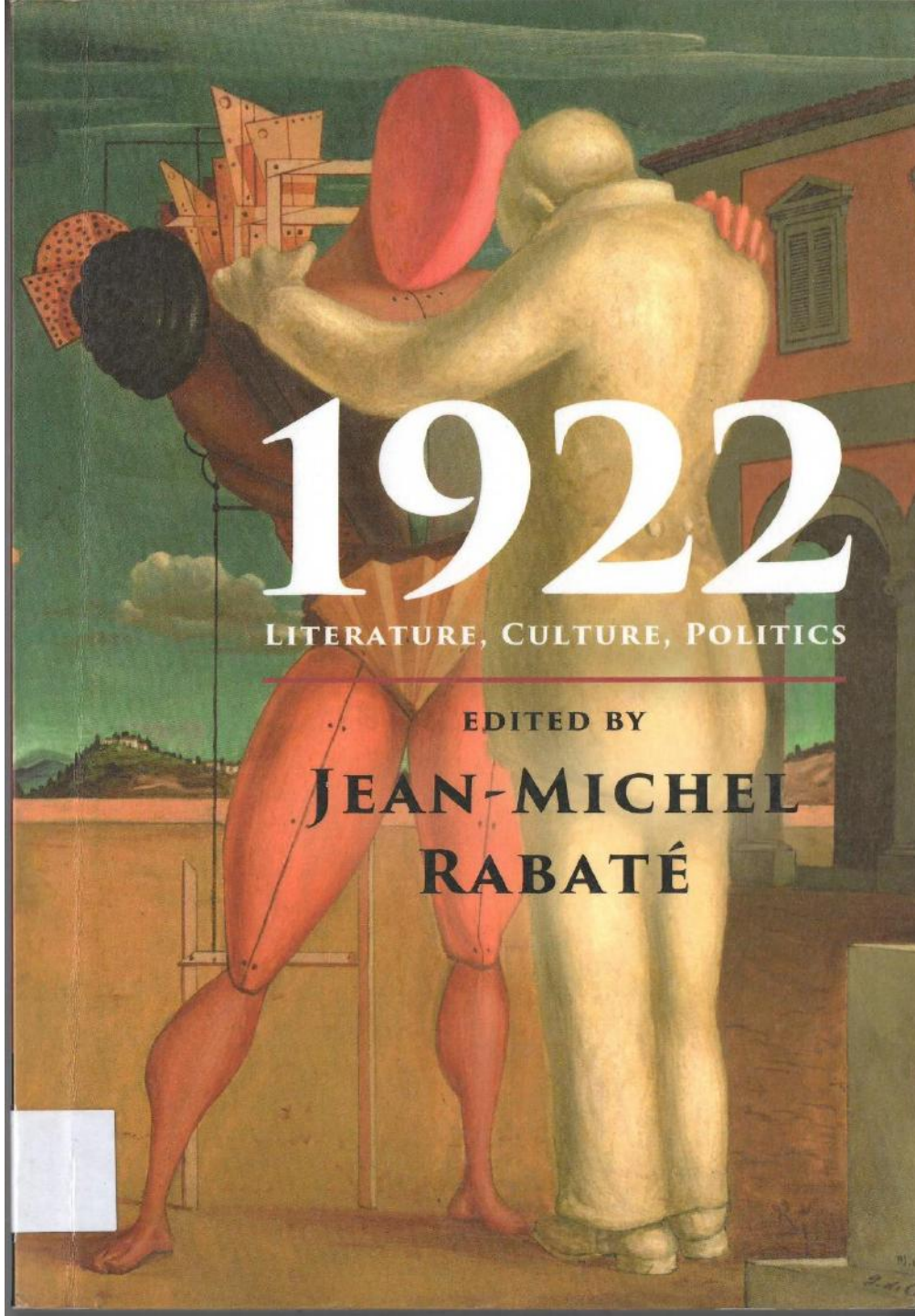


Acc. No : 40255

Call No : 792.02807 LUT-J

This is the first textbook designed for students, practitioners and scholars of the performing arts who are curious about the power of the cognitive sciences to throw light on the processes of performance. It equips readers with a clear understanding of how research in cognitive neuroscience has illuminated and expanded traditional approaches to thinking about topics such as the performer, the spectator, space and time, culture, and the text. Each chapter considers four layers of performance: conventional forms of theatre, performance art, and everyday life, offering an expansive vision of the impact of the cognitive sciences on performance in the widest...





Acc. No : 40215

Call No : 809.04 RAB-J

**1922: Literature, Culture, Politics** examines key aspects of culture and history in 1922, a year made famous by the publication of several modernist masterpieces, such as T. S. Eliot's *The Waste Land* and James Joyce's *Ulysses*. Individual chapters written by leading scholars offer new contexts for the year's significant works of art, philosophy, politics, and literature. 1922 also analyzes both the political and intellectual forces that shaped the cultural interactions of that privileged moment. Although this volume takes post-World War I Europe as its chief focus, American artists and authors also receive thoughtful consideration. In its multiplicity of views, 1922 challenges misconceptions about the 'Lost Generation' of cultural...



# The Weatherman

Eugene O'Hare



Acc. No : 40982

Call No : 822.92 HAR-E

Don't know where I stand with the weatherman these days. One day it's all warm and breezy and the next old Jack Frost comes to take the skin off your back. A twelve year old Romanian girl is trafficked into London. Her captor, a city landlord known as Dollar, entrusts her to the care of his tenants O'Rourke and Beezer; a pair of down-and-out bachelors sharing lodgings in the East End. But with no reliable details of the girl's past, vague speculation as to the reason for her arrival and no common language with which to communicate, for how long and at what price can the involvement of her new guardians be bought? Eugene O'Hare's debut black comedy shines a light on complicity, power and the secrets and lies woven behind closed doors and...



# THE KARGIL VICTORY

BATTLES FROM PEAK TO PEAK

COLONEL S. C. TYAGI



Acc. No : 40952

Call No : 954.0531 TYA-S

A comprehensive and accessible battle-by-battle account of the Kargil war by an Army officer who witnessed it. Early in May 1999, when word came from a shepherd searching for his strayed yak that some mysterious men in black clothes were clambering around on the frozen hilltops of Kargil, no one could have anticipated that it would be the precursor to a full-fledged armed conflict between India and Pakistan. Over the next several weeks, the Indian Army responded with courage, focus and immense professionalism to craft a comprehensive victory, recapturing all the posts that had been occupied by stealth by the Pakistani Army. This Himalayan showdown is brought alive in these pages through the words of a...



NEW YORK TIMES BESTSELLING AUTHOR

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'GRIPPING'  
PETER JAMES

'FANTASTIC'  
MARTINA COLE

'TERRIFIC'  
IAN RANKIN



'TIMELY'  
KARIN SLAUGHTER

'TWISTY'  
J.P. DELANEY

'EXQUISITE'  
DAVID BALDACCI

# JUDGMENT



Acc. No : 40627

Call No : FICTION FIN-J

It was just one night. But it was a night that would destroy everything. Judge Juliana Brody is a woman with principles. She is happily married, she doesn't drink, she doesn't lose control. She definitely doesn't sleep with a handsome stranger at a law convention. Except that, last night, that is exactly what she did. Matias understands that if anyone found out about their one-night stand, it would destroy Juliana's marriage and, most likely, her career. They agree that they will never see each other again. And then, a week later, he walks into her courtroom. Julia knew that her latest brief, a high-profile sex discrimination case, would make her some powerful enemies. But she didn't expect her own life, and the lives of her family, to be put in mortal...

WHAT WOULD YOU GIVE UP TO REMEMBER?

# THE BOOK OF M

PENG  
SHEPHERD

'A moving treatise on love and loss'  
GUARDIAN

Available Exclusively in the Indian Subcontinent

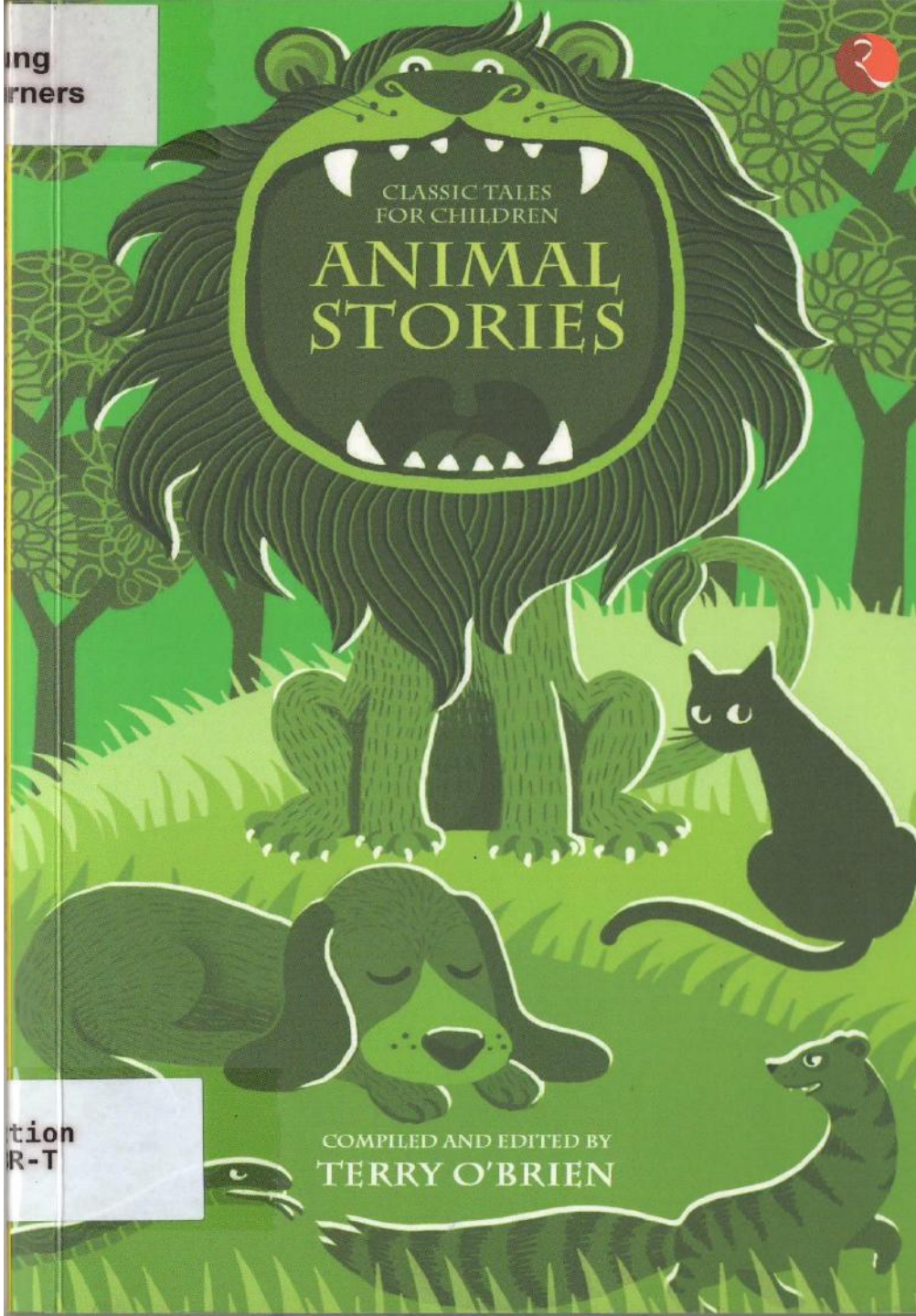


Acc. No : 39893

Call No : FICTION SHE-P

Set in a dangerous near future world, The book of M tells the captivating story of ordinary people caught in an extraordinary catastrophe, risking everything to save the ones they love. In the middle of a market in India, a man's shadow disappears. This mysterious phenomenon spreads like a plague, and while those afflicted gain a strange new power, it comes at a horrible price: the loss of all their memories. Two years later, Ory and Max have escaped the forgetting by hiding in an abandoned hotel deep in the woods. Their new life feels almost normal, until one day Max's shadow disappears. Knowing that her condition makes her dangerous, Max runs away. But Ory refuses to give up the time they have left together. Desperate to find Max before her memories...



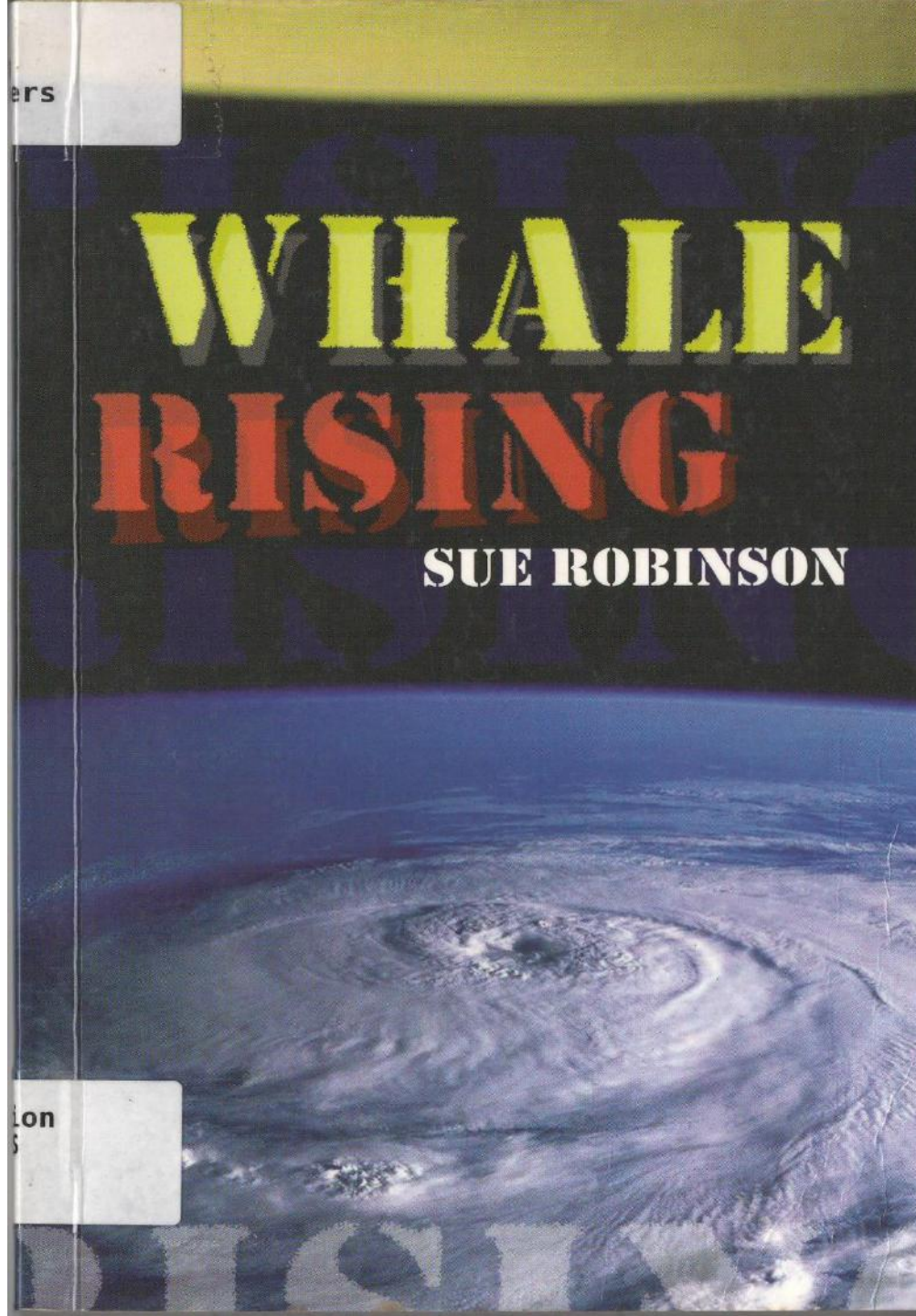


Acc. No : 39796

Call No : FICTION OBR-T (Young Learners)

A faithful mongoose fights valiantly for its master's life. A yellow dog narrates the story of his life from a cheap New York flat. A slave is saved from certain death by the mercy of a lion. A nightingale's song brings life back into an emperor's cold heart. Comprising some of the most famous animal tales in literature, this delightful volume will gladden the hearts of all animal lovers. A delightful volume comprising some of the most famous animal tales in literature. Comprising some of the most famous animal tales in literature, this delightful volume will gladden the hearts of all animal lovers. This collection, which includes stories of a king who prefers a mechanical bird to a nightingale, a dog that has spent all his life sleeping in a...





Acc. No : 31585

Call No : FICTION ROB-S (Young Learners)

An eco-thriller set in the not-too distant future, when the Earth has been ravaged and whales have been exploited. The whales are now looking for revenge. Ellie and Per, unlikely friends, risk everything to try and put this right. Man has tapped into whales' brains to enhance human intelligence. But the whales are determined to take revenge. Ellie and Per must run a deadly risk in a power struggle that will determine the fate of the human race. The new boy had red hair. That was the first thing Ellie noticed. The red hair she longed for, thick and luxuriant, and wasted on a boy. Then Ellie noticed the second thing. The new boy did not have an implant. He had entered the classroom with Mr. Hazlet and now stood quietly waiting for further...

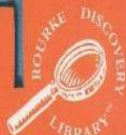


Acc. No : 31447

Call No : 621.9 WHI-P (Young Learners)

At home, out in the yard, or at school all kids love to use simple tools to explore their growing world. The basic tools and techniques for measuring, planting, or taking things apart help young children grasp some fundamental science concepts. While focused on NSTA science standards of Physical Science and Technology, this series supports young readers as they explore the use of common tools. Tools help with many kinds of work. Some tools are for building. Some tools are for growing things. Tools in this book help make things smooth. Carpenters and other builders use these tools when they work. Carpenters push a plane across a piece of wood. A blade on the plane scrapes...

MAKE IT SMOOTH







Thank you