

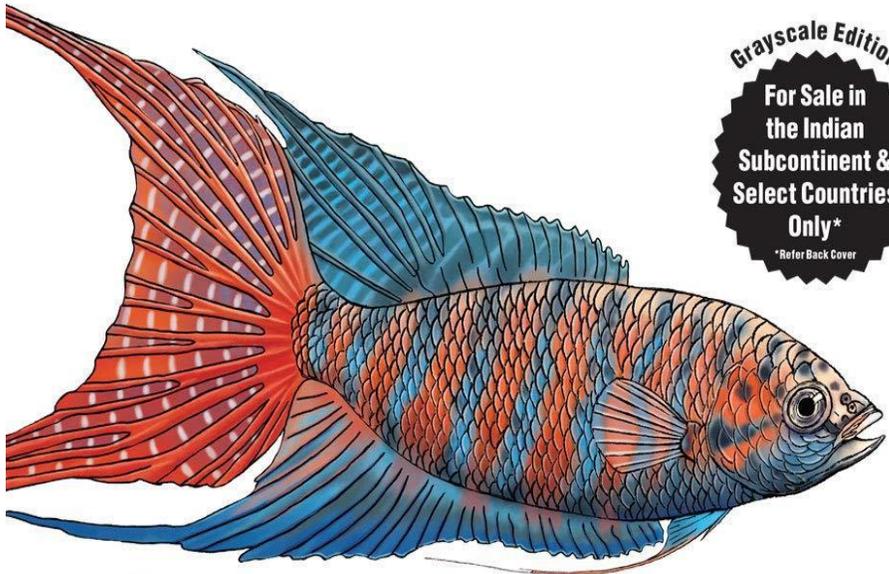


**BITS PILANI – HYDERABAD CAMPUS
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BITS Pilani
Hyderabad Campus

Mastering Kafka Streams and ksqlDB

Building Real-Time Data Systems by Example



Grayscale Edition

For Sale in
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Subcontinent &
Select Countries
Only*

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Mitch Seymour
Foreword by Jay Kreps



Acc. No : 46118

Call No : 004.21 SEY-M

Working with unbounded and fast-moving data streams has historically been difficult. But with Kafka Streams and ksqlDB, building stream processing applications is easy and fun. This practical guide shows data engineers how to use these tools to build highly scalable stream processing applications for moving, enriching, and transforming large amounts of data in real time. Mitch Seymour, data services engineer at Mail chimp, explains important stream processing concepts against a backdrop of several interesting business problems. You'll learn the strengths of both Kafka Streams and ksqlDB to help you choose the best tool for each unique stream processing project. Non-Java developers will find the ksqlDB path to be an especially gentle introduction to stream processing. Learn the basics of Kafka and...

River Publishers Series in Signal, Image and Speech Processing

Applied Data Analytics – Principles and Applications

Johnson I. Agbinya




River Publishers



Acc. No : 46913

Call No : 005.7 AGB-J

The emergence of vast amounts of data which require analysis and, in some cases, real-time processing has forced exploration into fast algorithms for handling substantial data sizes. Analysis of x-ray images in medical applications, cyber security data, crime data, telecommunications and stock market data, health records and business analytics data are but a few areas of interest. Applications and platforms, including R, Rapid Miner and Weka, provide the basis for analysis, often used by practitioners who pay little to no attention to the underlying mathematics and processes impacting the data. This often leads to an inability to explain results, correct mistakes, or spot errors. Applied Data Analytics Principles and Applications seek to bridge this missing gap by providing some of the most...



THE REAL
BUSINESS
OF
BLOCKCHAIN



**HOW LEADERS CAN
CREATE VALUE
IN A NEW DIGITAL AGE**

**DAVID FURLONGER
CHRISTOPHE UZUREAU**
GARTNER, INC.

HARVARD BUSINESS REVIEW PRESS

Acc. No : 45712

Call No : 005.741 FUR-D

Block chain is transforming business. What's your strategy? Leaders of forward-thinking organizations are exploring how block chain can transform the way they create and seek value. Whether it's used to streamline multiparty processes, create and trade new assets, or leverage artificial intelligence and the internet of things, block chain enables entirely new business opportunities. This is just the start. As block chain becomes more widely adopted, it has the potential to radically change the way companies and societies operate, as transformative a paradigm shift as the launch of the internet. The Real Business of Block chain is one of the first books on this transformative technology written for business leaders. Authors David Furlonger and Christophe Uzureau both of Gartner, the world...



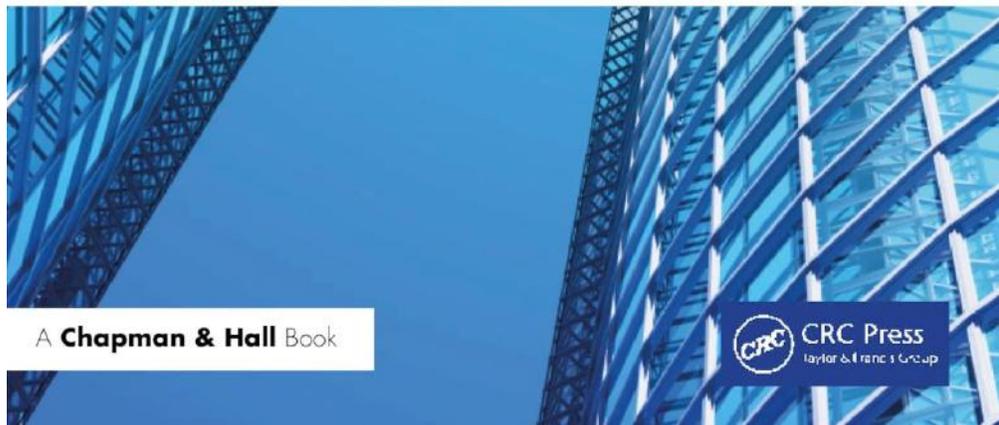
Chapman & Hall/CRC Cyber-Physical Systems

MACHINE LEARNING, BLOCKCHAIN, AND CYBER SECURITY IN SMART ENVIRONMENTS

APPLICATION AND CHALLENGES

Edited by

Sarvesh Tanwar, Sumit Badotra and Ajay Rana



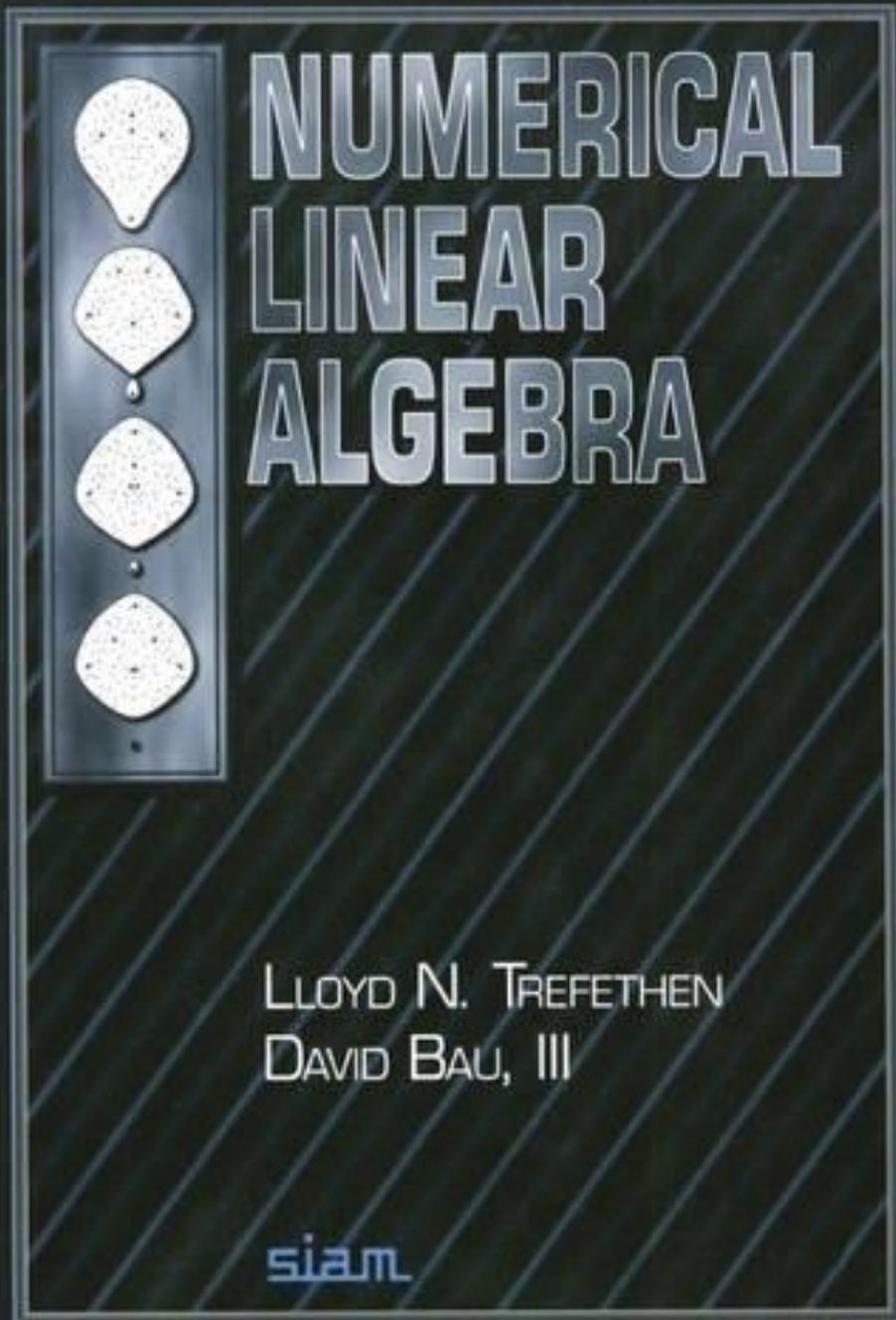
A **Chapman & Hall** Book

CRC Press
Taylor & Francis Group

Acc. No : 46915

Call No : 006.3 TAN-S

Machine Learning, Cyber Security and Blockchain in Smart Environment: Application and Challenges provides a deep insight into the recent techniques which form the backbone of the intelligent environment, such as Artificial Intelligence, Blockchain, Cyber Security, Machine Learning Fog Computing, and addresses the vulnerabilities that cause hindrance for the real-world implementation. This book is designed for university students and researchers to impart knowledge about cutting-edge technologies that deliver a vast amount of information seamlessly and provides considerable visibility about real-time problems that need to be addressed. The book focuses on the benefits of emerging applications such as machine learning, blockchain and cyber security. This book primarily aims...



Acc. No : 41795
Call No : 512.5 TRE-L

This is a concise, insightful introduction to the field of numerical linear algebra. The clarity and eloquence of the presentation make it popular with teachers and students alike. The text aims to expand the reader's view of the field and to present standard material in a novel way. All of the most important topics in the field are covered with a fresh perspective, including iterative methods for systems of equations and eigenvalue problems and the underlying principles of conditioning and stability. Presentation is in the form of 40 lectures, which each focus on one or two central ideas. The unity between topics is emphasized throughout, with no risk of getting lost in details and technicalities. The book breaks with tradition by beginning with the QR factorization an important and fresh idea for...

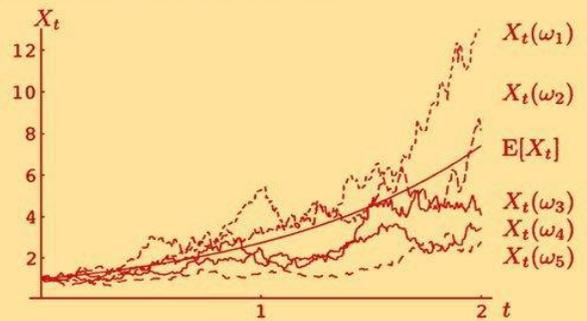


Universität

Bernt Øksendal

Stochastic Differential Equations

An Introduction with Applications



Sixth Edition



Acc. No : 42498
Call No : 519.2 OKS-B

This book gives an introduction to the basic theory of stochastic calculus and its applications. Examples are given throughout the text, in order to motivate and illustrate the theory and show its importance for many applications in e.g. economics, biology and physics. The basic idea of the presentation is to start from some basic results without proofs of the easier cases and develop the theory from there, and to concentrate on the proofs of the easier case which nevertheless are often sufficiently general for many purposes in order to be able to reach quickly the parts of the theory which is most important for the applications. For the 6th edition the author has added further exercises and, for the first time, solutions to many of the exercises are provided. This corrected sixth printing of the...

GREENSTONE LOBO

91 PREDICTIONS

THE FATE OF THE WORLD
AND ITS PEOPLE IN THE
NEXT HALF-CENTURY



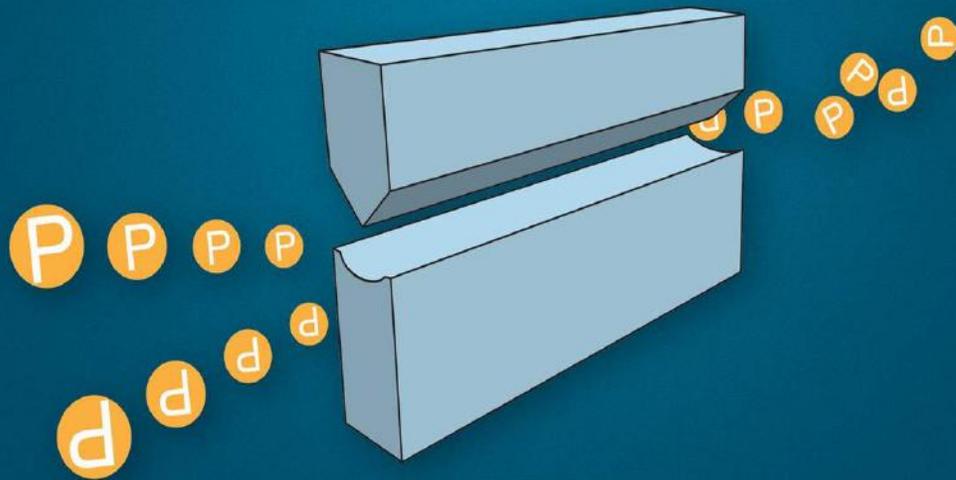
Acc. No : 45373

Call No : 523.482 LOB-G

Is Pluto a planet? Or a dwarf planet? The controversy rages. But this planet, on the fringes of our solar system, has immense astrological significance, unexplored by the Vedic and Western astrologers. Author and scientific astrologer Greenstone Lobo believes Pluto symbolizes destruction and regeneration as the mythological Rudra Shiva. In a scary and uncertain world on the edge because of a pandemic, economic crises, ecological disasters and pandemonium in politics, Lobo looks towards Pluto to make sense of the past, present and the future. He describes the planet's journey over the last 250 and the next fifty years, as well as the grand scale on which it can operate. Exploring its character and impact, Lobo discusses his techniques for predictions, the cyclical nature of Pluto, how it changed the...

Quantum & Principles Particles

SECOND EDITION



Walter M. Wilcox

Textbook Series in Physical Sciences



Acc. No : 46380

Call No : 539.7 WIL-W

This textbook offers a unique introduction to quantum mechanics, progressing gradually from elementary quantum mechanics to aspects of particle physics. It presents the microscopic world by analysis of the most straightforward possible quantum mechanical system. A unique feature is the author's use of visual aids known as process diagrams, which show how amplitudes for quantum automated processes are computed. The second edition includes a new chapter, problems on time-dependent processes, new material on quantum computing and improved illustrations. Key Features: Provides a thoroughly updated text with expanded contents. Includes a new chapter on time-dependent processes and expanded coverage of recent developments in particle physics. Emphasizes a visual...



Edited By
Punit Gupta
Dinesh Kumar Saini
Rohit Verma

Healthcare Solutions Using Machine Learning and Informatics



Acc. No : 46911

Call No : 610 GUP-P

Healthcare Solutions Using Machine Learning and Informatics covers novel and innovative solutions for healthcare that apply machine learning and biomedical informatics technology. The healthcare sector is one of the most critical in society. This book presents a series of artificial intelligence, machine learning, and intelligent IOT based solutions for medical image analysis, medical big-data processing, and disease predictions. Machine learning and artificial intelligence use cases in healthcare presented in the book give researchers, practitioners, and students a wide range of practical examples of cross-domain convergence. The wide variety of topics covered include, Artificial Intelligence in healthcare, Machine learning solutions for such disease as diabetes, arthritis, cardiovascular disease and...

CHAIR YOGA

Accessible Sequences to Build
Strength, Flexibility, and Inner Calm



Christina D'Arrigo



Acc. No : 46693

Call No : 613.7046 DAR-C

Improve stability and strength with easy chair yoga poses. Adding a chair to your practice can provide a new level of accessibility and comfort that isn't available in other forms of yoga. Whether you have physical restrictions due to age, pregnancy, a health condition, or limited space, this book makes it easy to incorporate chair yoga into your daily routine. An intro to chair yoga-Start with a quick primer that explains the health benefits of chair yoga and how to create your practice. Four complete sequences-Explore chair yoga routines for warming up your body, moving while seated, incorporating more dynamic movement, or unwinding and relaxing. Customizable routines find 10 and 20 minute programs with variations for each pose so that you can tailor your practice to your needs and...

George D. Manolis
Petia S. Dineva
Tsviatko V. Rangelov
Frank Wuttke

Seismic Wave Propagation in Non- Homogeneous Elastic Media by Boundary Elements

 Springer



Acc. No : 42512

Call No : 620.1 MAN-G

This book focuses on the mathematical potential and computational efficiency of the Boundary Element Method for modelling seismic wave propagation in either continuous or discrete inhomogeneous elastic viscoelastic, isotropic anisotropic media containing multiple cavities, cracks, inclusions and surface topography. BEM models may take into account the entire seismic wave path from the seismic source through the geological deposits all the way up to the local site under consideration. The general presentation of the theoretical basis of electrostatics for inhomogeneous and heterogeneous continua in the first part is followed by the analytical derivation of fundamental solutions and Green's functions for the governing field equations...



IoT and AI Technologies for Sustainable Living

A Practical Handbook

Edited by

Abid Hussain

Garima Tyagi

Sheng-Lung Peng



Acc. No : 46919

Call No : 628 HUS-A

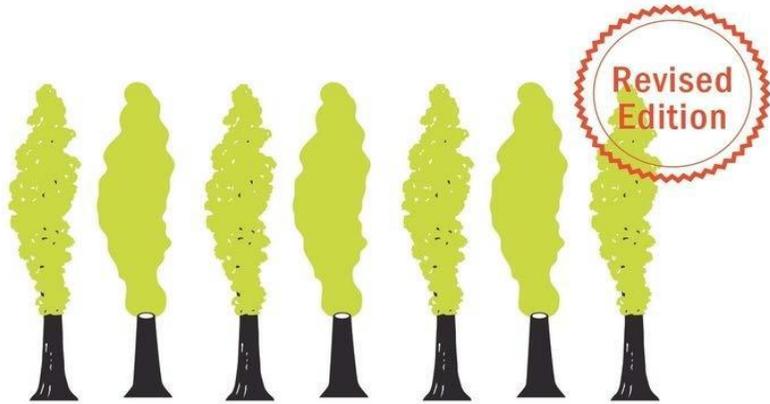
This book brings together all the latest methodologies, tools and techniques related to the Internet of Things and Artificial Intelligence in a single volume to build insight into their use in sustainable living. The areas of application include agriculture, smart farming, healthcare, bioinformatics, self-diagnosis systems, body sensor networks, multimedia mining, and multimedia in forensics and security. This book provides a comprehensive discussion of modeling and implementation in water resource optimization, recognizing pest patterns, traffic scheduling, web mining, cyber security and cyber forensics. It will help develop an understanding of the need for AI and IOT to have a sustainable era of human living. The tools covered include genetic algorithms, cloud computing...

THE PROVOCATIVE NATIONAL BESTSELLER

"*The Ecology of Commerce* is nothing less than an economic and cultural masterpiece, by the poet laureate of American capitalism."

—George Gendron, former editor in chief, *Inc.* magazine

The Ecology of Commerce



A Declaration of
Sustainability

Paul Hawken

Author of *Blessed Unrest* and
Natural Capitalism



Acc. No : 46657

Call No : 658.408 HAW-P

The world has changed in the seventeen years since the controversial initial publication of Paul Hawken's *Ecology of Commerce*, a stirring treatise about the perceived antagonism between ecology and business. Yet Hawken's impassioned argument that business both causes the most egregious abuses of the environment and, crucially, holds the most potential for solving our sustainability problems is more relevant and resonant than ever. Containing updated and revised material for a new audience, *The Ecology of Commerce* presents a compelling vision of the restorative rather than destructive economy we must create, centered on eight imperatives. Reduce energy carbon emissions 80 percent by 2030 and total natural resource usage 80 percent by 2050. Provide secure, stable, and...

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Indian subcontinent is
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S E C O N D E D I T I O N

LEADERSHIP

PLAIN AND SIMPLE



STEVE RADCLIFFE



Acc. No : 45047

Call No : 658.4092 RAD-S

Leadership isn't complicated keep it simple and make it count. This new edition of Steve Radcliffe's uniquely powerful, successful and practical framework will show you how to develop faster as a more confident and capable leader. This compact, instantly-applicable guide to developing leadership skills contains practical insights, straightforward actions and plain guidelines to accelerate your growth as a leader. The framework is derived from Expert coach Steve Radcliffe's work with real leaders in real leadership situations. It shows you how to be guided by the future you want and stay focused on your vision engage others in productive and stimulating working relationships that make things happen. deliver the results you need to really move your business forward. Whether you need guidance to...

Wetting: Theory and Experiments, Two-Volume Set

WETTING THEORY

ELI RUCKENSTEIN
GERSH BERIM

 CRC Press
Taylor & Francis Group



Acc. No : 46758

Call No : 668.14 RUC-E

Wetting Theory discusses the numerous practical applications of wetting, such as preparing self-cleaning surfaces, manufacturing artificial blood vessels, and developing new lubricants and non adhesive dishes. As part of Wetting. Theory and Experiments, Two-Volume Set, this volume provides new, critical insights into the theory of wetting. Chapters are arranged to allow readers to follow the development of a suggested approach static and dynamic properties of wetting and how these tools are applied to specific problems. Main attention is given to nanoscale wetting Nano drops on solid surfaces, liquid in the Nano slit on the basis of microscopic density functional theory and fluid dynamics on solid surfaces on the basis of hydrodynamic equations. Aimed at engineers, physical scientists, and...



Materials and Methods in ELT

A Teacher's Guide Third Edition

Jo McDonough,
Christopher Shaw,
and Hitomi Masuhara

 WILEY-BLACKWELL

Acc. No : 46825

Call No : 428.0071 MCD-J

Materials and Methods in ELT is an essential resource for teachers or for those engaged in taking professional courses relating to all aspects of English language teaching. Now available in its 3rd edition, this popular teachers' guide offers a comprehensive and useful introduction to the principles and practice of teaching English as a foreign or second language. It examines the ideas behind current methodology and teaching materials, in addition to offering a practical guide to approaching materials and methods, evaluation and adaptation, technology for materials and methods, and teaching in under-resourced classrooms. These principles are then related to the individual language skills of reading, listening, speaking, and writing. The authors examine the different methodologies available...

Christopher Hitchens

Blood, Class and Empire

The Enduring Anglo-American Relationship



'I can think of no-one I would rather read on this subject'
Ian McEwan



Acc. No : 45390

Call No : 303.4827 HIT-C

Since the end of the Cold War so-called experts have been predicting the eclipse of America's special relationship with Britain. But as events have shown, especially in the wake of 9/11, the political and cultural ties between America and Britain have grown stronger. Blood, Class and Empire examines the dynamics of this relationship, its many cultural manifestations-the James Bond series, PBS Brit Kitsch, Rudyard Kipling-and explains why it still persists. Contrarian, essayist and polemicist, Christopher Hitchens notes that while the relationship is usually presented as a matter of tradition, manners, and common culture, sanctified by wartime alliance, the special ingredient is empire; transmitted from an ancient regime that has tried to preserve and renew itself thereby. England has attempted to play...

GLOBAL
EDITION 

Economics

Principles, Applications, and Tools

NINTH EDITION

Arthur O'Sullivan
Steven M. Sheffrin
Stephen J. Perez

 Pearson



Acc. No : 45022

Call No : 330 SUL-A

Introduces Readers to the Basic Concepts of Economics with Timely, Engaging Stories and Applications. Readers hoping to gain a better understanding of the world around them often leave their questions unanswered. Economics: Principles, Applications, and Tools is built upon the author's philosophy of using basic concepts of economics to explain a wide variety of timely, engaging, real-world economic applications. The Ninth Edition incorporates updated figures and data while also emphasizing current topics of interest including the severe economic downturn of recent years and the latest developments in economic thinking. It also includes newly refined Learning Objectives that introduce the concepts explored in each chapter, new applications, and chapter-opening stories related to...



LIZZIE COLLINGHAM

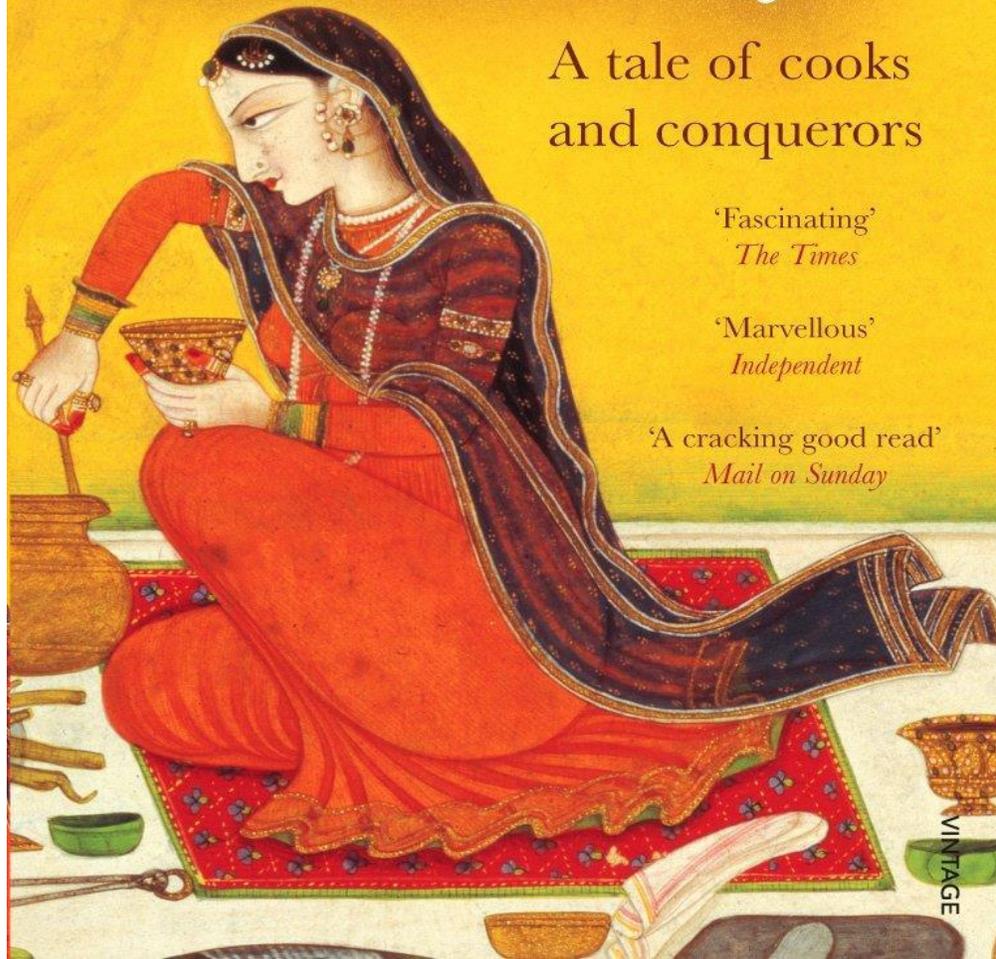
Curry

A tale of cooks
and conquerors

'Fascinating'
The Times

'Marvellous'
Independent

'A cracking good read'
Mail on Sunday



VINTAGE

Acc. No : 45449

Call No : 394.1209 COL-L

Curry tells the story of an array of familiar Indian dishes and the people who invented, discovered, cooked and ate them. Curry is vivid, entertaining and delicious. Fascinating and meticulously research layers historical fact with mouth-watering dinner table gossip Meera Syal The Times. This imaginative book tells the history of India and its rulers through their food. It follows the story of curry as it spread from the courts of Delhi to the Balti houses of Birmingham. Curry is the product of India's long history of invasion. In the wake of the Mughal conquerors, an army of cooks brought Persian recipes to northern India; in the south, Portuguese spice merchants introduced vinegar marinades and the chilies they had recently discovered in the New World; the British soon followed, with their passion for roast...

Joy Bhattacharjya & Amit Sinha



DO DIFFERENT

The Untold

DHONI



Acc. No : 46764

Call No : 796.3580 BHA-J

Out of the box thinking, ruthless pragmatism and an innate ability to understand, define and then redefine the game of cricket are probably the hallmarks of Mahendra Singh Dhoni's cricket. From hitting countless sixes in his school ground in the sleepy town of Ranchi to finishing a run chase with another towering six in a World Cup final against Sri Lanka, Dhoni's journey is undoubtedly one of the most iconic of our times. Many have tried to decode his mystique, and yet, every account seems to have fallen frustratingly short of capturing the essence of the man. Instead, in Do Different, we offer diverse perspectives on the man: from a fellow wicketkeeper and competitor reminiscing on Dhoni's early years; to MSD's first agent with his perspective on the journey of brand Dhoni to...

THE INTERNATIONAL CLASSIC

MAYA ANGELOU

All God's
Children
Need
Travelling
Shoes

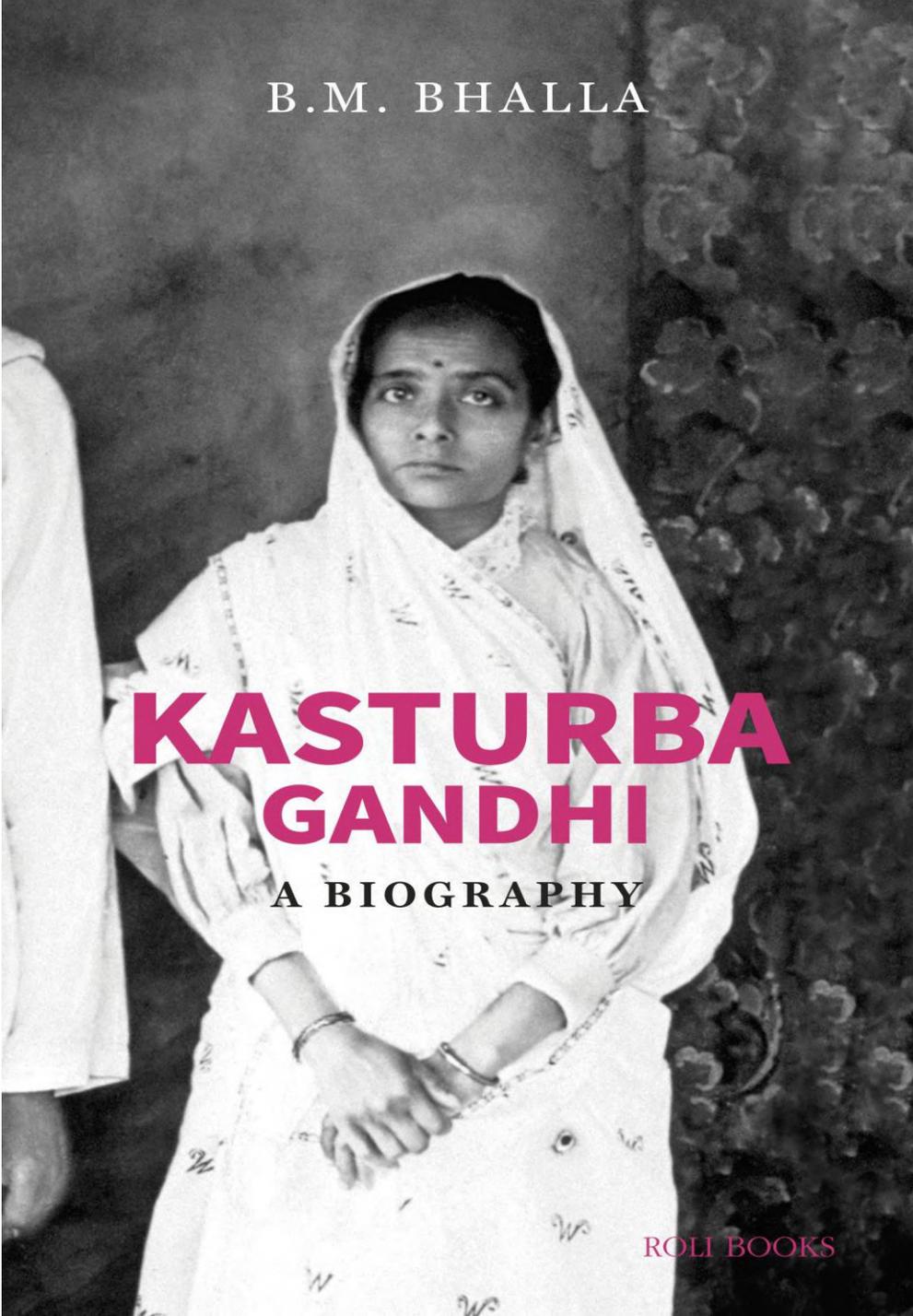


Acc. No : 46550

Call No : 818.5409 ANG-M

A memoir about home and belonging, from the author of I know why the caged bird sing's brilliant writer, a fierce friend and a truly phenomenal woman Barack obamam Maya Angelou's five volumes of autobiography, beginning with I know why the caged bird sings, are a testament to the talents and resilience of this extraordinary writer. Loving the world, she also knows its cruelty. As a black woman she has known discrimination and extreme poverty, but also hope, joy, achievement and celebration. In the fifth volume, Maya Angelou emigrates to Ghana only to discover that 'you can't go home again but she comes to a new awareness of love and friendship, civil rights and slavery and the myth of mother Africa. She moved through the world with unshakeable calm, confidence and...

B.M. BHALLA



KASTURBA GANDHI

A BIOGRAPHY

ROLI BOOKS



Acc. No : 46346

Call No : 954.0350 BHA-B

The contributions of Kasturba Gandhi to India's struggle for independence have not been given the critical position they deserve, argues Professor B.M. Bhalla in this seminal study *Kasturba Gandhi: a biography*. In its portrayal of Kasturba as an activist and wife, walking along with the Mahatma, first in South Africa and then in India, her story is read in terms of the struggle of Indian women for identity, equality and self-empowerment. This biography delineates how she became an ardent follower of her husband's great mission and how she struggled to retain her individuality in difficult situations in public and private life. Her capacity to adapt to changed conditions and circumstances, her courage to face adversity, loss and dangers matched her husband's. By Gandhi's own...

NEW YORK TIMES BESTSELLING AUTHOR

Seth Stephens-Davidowitz



BLOOMSBURY



Acc. No : 46788

Call No : 153.83 STE-S

When it comes to making big decisions, we might consult friends and family, read advice online or turn to self-help books for guidance. In the end, though, we usually just do what feels right. But what if our gut is wrong? As economist and former Google data scientist Seth Stephens Davidowitz argues, our gut is actually not that reliable and data can prove this. In *Don't Trust Your Gut*, he unearths the startling conclusions that the right data can teach us about who we are and what will make our lives better. Over the past decade, scholars have mined enormous datasets to find remarkable new approaches to life's biggest self help puzzles, from the boring careers that produce the most wealth, to old-school, data-backed relationship advice. While we often think we know how to better ourselves, the numbers...



From
Chaos to
Calm

Ashramed

Dahlia
Sen Oberoi



Acc. No : 46552

Call No : 204.36 OBE-D

As a new year rounds the corner, Dahlia Sen Oberoi, a hotshot lawyer whose life revolves around court appearances, client meetings and trotting around the globe, finds herself yearning for something more. With a lifelong passion for fitness, Yoga was something that she had dabbled in as an amateur enthusiast. And when she discovers a Yoga teacher's training course offered by an ashram, she forces herself to face the question: If not now, when? And so she sets off on her quest to move away from her uncompromising life as a lawyer and find some calm. Living sans her precious laptop, attending lectures on the Gita, learning and perfecting new asanas, and spending her days washing bartans and cleaning dormitories, is at first a struggle. But gradually, her self-doubt and restlessness wash...

SATVINDER
JUSS



Bhagat Singh

A LIFE in REVOLUTION



Acc. No : 46627

Call No : Biography JUS-S

The continual tussles over Bhagat Singh's identity, even more amplified of late, are a testament to the heroic status the man continues to hold in the annals of the Indian freedom struggle. Despite him having addressed his views on religion, politics and activism, there are many willing to forge completely new narratives of his life, and many more willing to believe them. A timely antidote, this meticulously researched biography is an expansive foray into the life of Bhagat Singh. The volume deliberates upon his family from before when he was born, examining along the way the role that various episodes, policies and people played in shaping the identity of a legendary revolutionary, while also delving into his opinions on important questions of the time. It shines a bright light on the oft-ignored personal...

THE WORLD'S NO.1 ADVENTURE WRITER

CLIVE CUSSLER'S

DARK VECTOR

A NUMA FILES ADVENTURE



WRITTEN BY **GRAHAM BROWN**



Acc. No : 46571

Call No : Fiction BRO-G

The infamous Chinese Pirate Queen Ching Shih was as powerful as she was feared. When a rogue captain in her fleet dares defy her wishes, devastation awaits and a ship full of plundered treasure sinks into history's deeps. Kurt Austin and Joe Zavala have spent months on the trail of this legendary hoard. But their search is interrupted by a present-day threat a freighter carrying eight of the most advanced computers ever produced has disappeared in the Western Pacific. In the hands of the enemies of the West, these could be the Information Age's most dangerous weapons. Plunged into the middle of a cyber-war, Kurt and Joe's only allies are a group of pirates who operate under their own crude laws. But with hackers to one side and pirates to the other, and the world's digital information at...

From the Bestselling Author of *Second Chance at Love*

RUCHITA MISRA

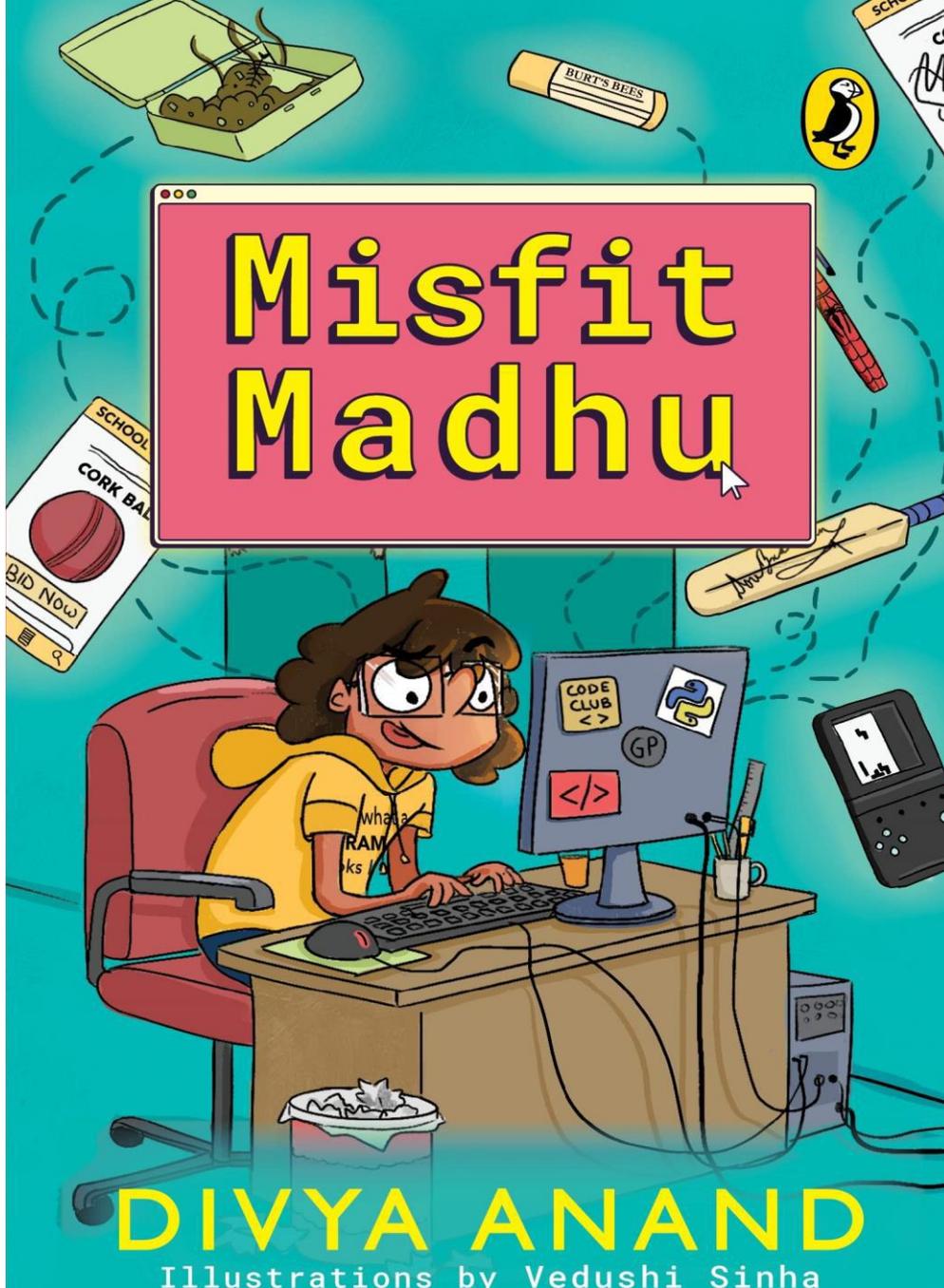
Someone to Love



Acc. No : 35137

Call No : Fiction MIS-R

Koyal and Atharv are best friends, and it's obvious that they're destined for each other. But somehow, they don't seem to know it just yet. They grow closer and closer together, turning to each other for everything. But fate intervenes, and Koyal finds herself trapped in a damaging relationship that hacks away at every inch of self-respect she possess, while Atharv moves away and carves a life for himself with someone else. Many, many years later, when their paths cross once again, will their destinies be interlinked at last? Or have they already lost their chance to find someone to love? Years later, just when they have both found peace within themselves, their paths cross again. And destiny, that strange creature, has a few tricks up her sleeve. Will these two ever forgive each other? Or have they already lost...



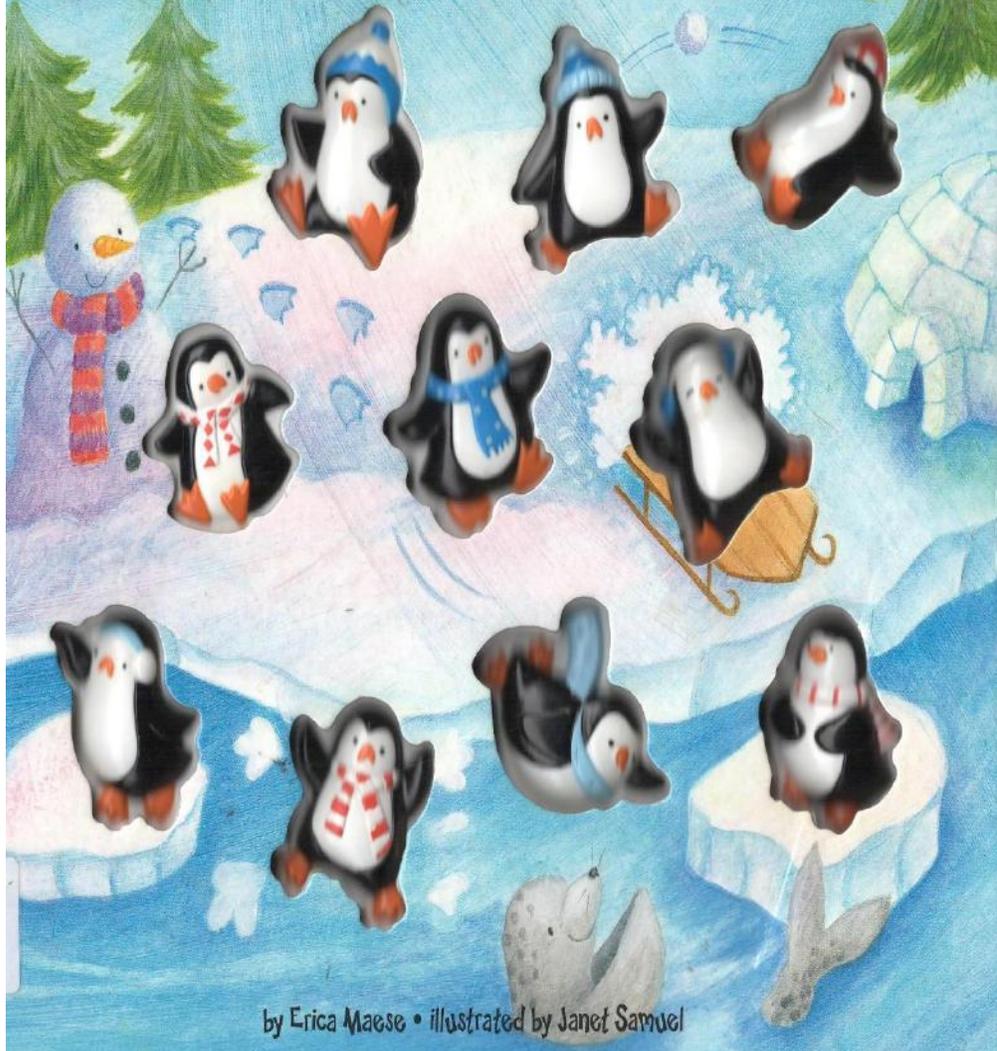
DIVYA ANAND
Illustrations by Vedushi Sinha

Acc. No : 46609

Call No : Fiction ANA-D (Young Learners)

Madhu is a shy middle-grade developer who spends her holidays creating her dream app, 'School Santhe'. Soon, the app goes viral and so does she! And why not? After all, an app where everyone at school can trade stuff is the app they've all been waiting for! Madhu now sets her sights on winning the GoTek young developers contest. But when School Santhe is used to sell leaked test papers, she's faced with the hardest decision of her life. Shut down the app that made her popular Or stay silent and become part of something criminal. As her dreams begin to crumble with the entire school now blaming her for the mess her app has caused Madhu realizes that sometimes, It's not your fault, it's not your fault. I told myself this over and over as it's far easier to debug an app than it is to debug your...

Ten Playful Penguins



by Erica Maese • illustrated by Janet Samuel



Acc. No : 44647

Call No : Fiction MAE-E (Young Learners)

Little penguins love to run and play in the snow. Let's see what fun they're having today. Off we go! Young ones will love counting from ten to one as they watch their new penguin friends fly kites, swim in the stream, build a snowman, and more. Cute tactile penguins, fun rhyming text, and beautiful illustrations all combine to create a wonderfully charming counting book. Little penguins love to run and play in the snow. Let's see what fun they are having today. Off we go ten penguins run a race underneath the pines. One stops near the shiny trophy, then there are nine penguins sit on the ice with fishing poles and bait. One stays back to eat his lunch, then there are eight penguins fly their kites way up in the heavens. One runs off to watch his soar, then there are seven penguins make a fire with twigs and...

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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>
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Online News Papers: <https://onlinenewspapers.com/india.shtml>



7A

7A
Library
Geography

Thank you