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Hyderabad Campus

Basics of  
**COMPUTER ORGANIZATION  
&  
ARCHITECTURE**

Problems and Solutions

S.S.S.P. Rao



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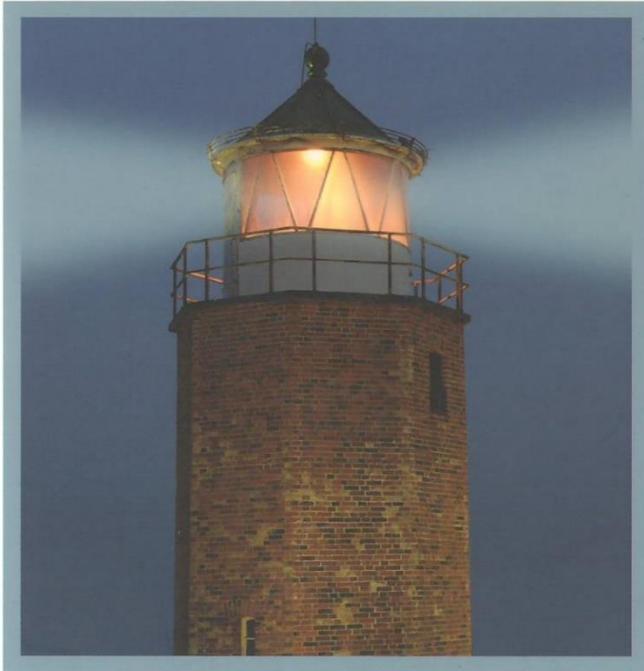
Acc. No : 34663

Call No : 004.2 RAO-S

This book starts with a brief history of electronic computers and covers all units of digital computers including history of computers, number systems and codes, fixed point arithmetic, floating point arithmetic, decimal arithmetic, ALU design, control unit, hardwired and micro programmed control unit configurations and design, memories, memory interfacing, buses, examples of standard serial and parallel buses, input and output devices, introduction to 8 bit microprocessors and...

# Applied Software Risk Management

A Guide for  
Software Project  
Managers



C. Ravindranath Pandian

Special Indian Edition



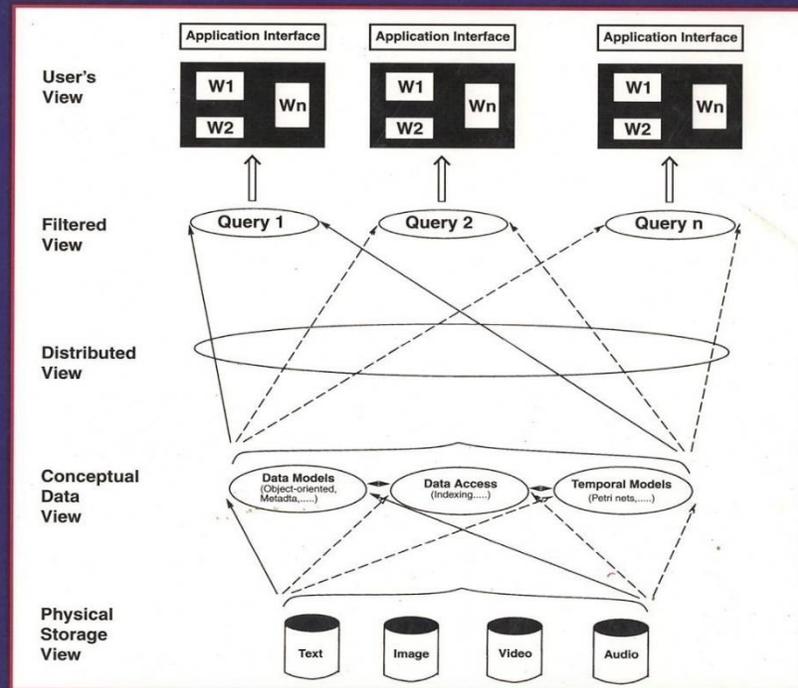
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Call No : 005.10684 RAV-C

Focusing on what practitioners need to know about risk in the pursuit of delivering software projects, this work covers key components of the risk management process and the software development process, as well as best practices for software risk identification, risk planning, and risk analysis. Few software projects are completed on time, on budget, and to their original specifications. Focusing on what practitioners need to know about risk in the pursuit of...

# Multimedia Database Management Systems

B. Prabhakaran



Acc. No : 30594

Call No : 006.6 PRA-B

Multimedia Database Management Systems presents the issues and the techniques used in building multimedia database management systems. Chapter 1 provides an overview of multimedia databases and underlines the new requirements for these applications. Chapter 2 discusses the techniques used for storing and retrieving multimedia objects. Chapter 3 presents the techniques used for generating metadata for various media objects. Chapter 4 examines the mechanisms used for storing the index information needed for accessing different...



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Community Experience Distilled

# Mastering Selenium WebDriver

Increase the performance, capability, and reliability of your automated checks by mastering Selenium WebDriver

Mark Collin

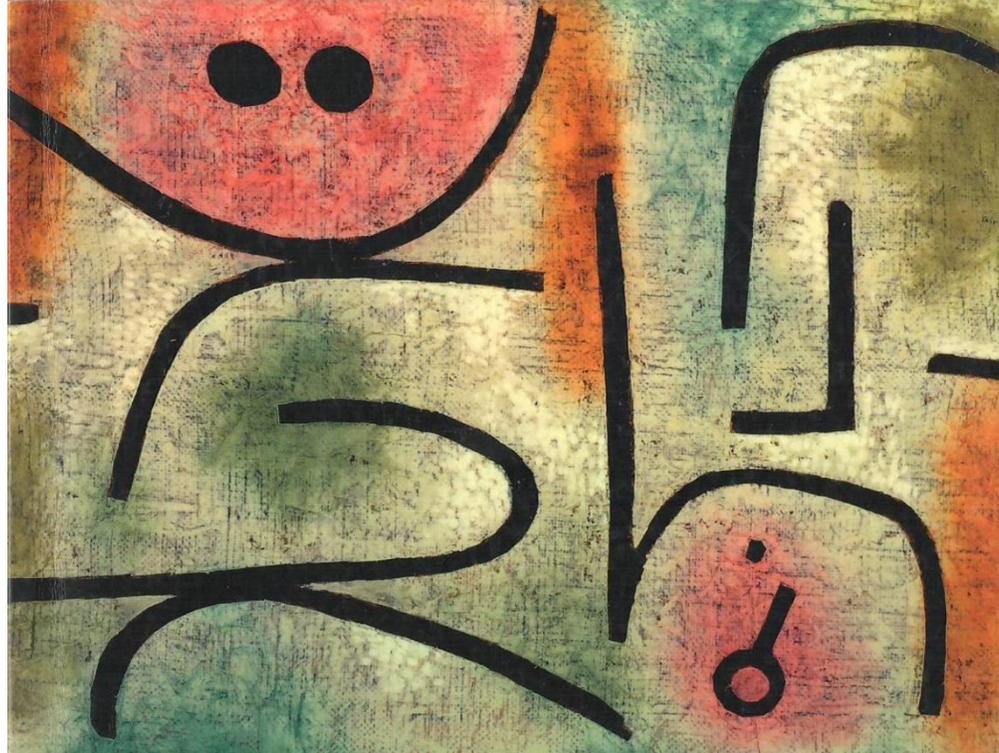
[PACKT] open source\*  
PUBLISHING community experience distilled

FOR SALE IN INDIA ONLY

Acc. No : 34964

Call No : 025.042 COL-M

This Book Create an extensible test framework in Java supporting parallel execution with TestNG Understand the power, simplicity, and limitations of the core Selenium framework Write clear, simple, readable, and reliable tests that perform complex test automation tasks. If you are a software tester or a developer who has learnt the basics of Selenium using the WebDriver API and is now ready to take the next step, then this is the book for you. Provide fast, useful feedback with sensible errors and...



# *Talking About* **Right and Wrong**

*Parent-Child Conversations  
as Contexts for Moral Development*

EDITED BY  
CECILIA WAINRYB AND HOLLY E. RECCHIA

Acc. No : 34509

Call No : 155.41825 WAI-C

Though it is generally acknowledged that parents are directly implicated in how and what their children learn about right and wrong, little is known about how the process of moral socialization proceeds in the context of family life, and how it gets played out in actual parent-child conversations. This volume brings together psychological research conducted in different countries documenting how parents and their children of different ages talk about everyday issues that bear on right and wrong. More than 150 excerpts from real parent-child conversations about...

“A thought-provoking guide to sustained happiness.”

—SHAWN ACHOR, AUTHOR OF *Before Happiness*  
& *The Happiness Advantage*

# the five thieves of happiness

.....  
Bestselling author of  
*The Five Secrets  
You Must Discover  
Before You Die*  
.....

JOHN IZZO PhD

Foreword by MARSHALL GOLDSMITH



Acc. No : 33086

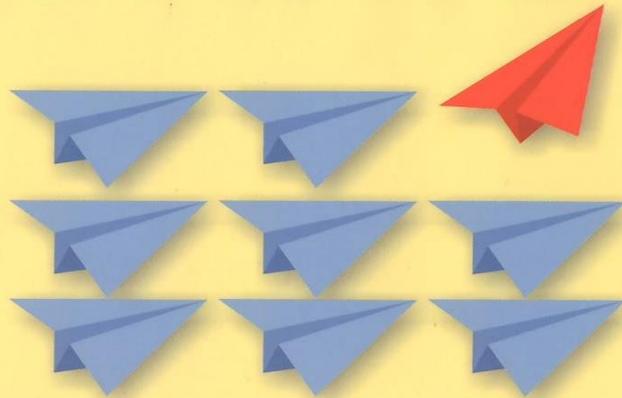
Call No : 158.1 IZZ-O

From bestselling author John Izzo comes this practical and inspirational guide to happiness—not finding happiness but protecting the innate sense of well-being that resides within each of us at every moment. Dr. Izzo says that happiness and contentment are our natural states—and cites ancient spiritual traditions and modern neuroscience to back up his claim. On a sabbatical he took to find out why he lacked a sense of joy in his life, despite being a successful consultant, speaker and author, he realized what the cause of much of our unhappiness is. Reflecting as he walked the Camino de Santiago in Spain and spent time in...

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# THINK LIKE A WINNER



BREAK FREE FROM FAILURE  
AND FLY TOWARDS SUCCESS!

**NORMAN VINCENT PEALE**



Acc. No : 33660

Call No : 158.12 PEA-N

Most people are afraid of failure, but every defeat is a lesson learnt. So what should you do when you fail? Look at what happened. Look at all the details. See where you went wrong. When you amend that, you will be wiser than before. Think like a Winner talks about bringing joy and satisfaction in your life and achieving peace of mind, better health and a constant flow of energy in everything that you do – be it personal or professional. Author Norman Vincent Peale shows how to deal with adversity and...

158.12  
PEA-N



# WATER-SENSITIVE URBAN DESIGN AND PLANNING

**A Practitioner's Guide**

**Acc. No : 36842**

**Call No : 307.1216 MAT-M**

**This guide to WSUDP aims to assist practitioners involved in sectors related to water management as well as urban designing and planning. Its purpose is to explore possible innovations spanning areas of alternative approach of water management and show how it can be applied in cities while taking up existing opportunities to use it for increasing cities amenities and quality of life. It also describes how to develop a specific WSUDP strategy for a new development as per site conditions. For upcoming development, appropriate methods and strategies under...**

.1216  
-M



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Science and  
Environment



Ministry  
of Urban  
Development

'A well-researched and authoritative book covering  
a wide canvas of security-related issues'  
General N.C. Vij, former chief of army staff



# HOW INDIA MANAGES ITS NATIONAL SECURITY

'A fine introduction to the organization and management  
of the nation's security system' C. Raja Mohan, director,  
Institute of South Asian Studies, Singapore

## ARVIND GUPTA



Acc. No : 36979

Call No : 355.0330 GUP-A

In this authoritative and comprehensive survey of the challenges a changing global security environment poses to India, former deputy national security advisor Arvind Gupta outlines the important aspects of the country's security apparatus and how they interface to confront internal and external conflicts. We have today a turbulent Middle East to the west; a rising and assertive China to the north; Pakistan in the grip of the military and the militants across our border and an increasingly militarizing Indian Ocean region surrounding us. Additionally, climate change, cyber security and the vulnerability of our space assets are...



# FACTS AND FEARS

HARD TRUTHS FROM  
A LIFE IN  
INTELLIGENCE

# JAMES R. CLAPPER

FORMER US  
DIRECTOR OF NATIONAL INTELLIGENCE

*with Trey Brown*

Acc. No : 37142

Call No : 355.3432 CLA-J

The former director of national intelligence's candid and compelling account of the intelligence community's successes and failures in facing some of the greatest threats to America when he stepped down in January 2017 as the fourth united states director of national intelligence, James clapper had been president Obama's senior intelligence adviser for six and a half years, longer than his three predecessors combined. He led the U.S. Intelligence community through a period that included the raid on Osama Bin Laden, the Benghazi attack, the leaks of Edward Snowden and Russia's influence operation during the 2016 U.S. Election campaign. In facts and fears, clapper traces...

# Lectures on the Poisson Process

Günter Last and  
Mathew Penrose



Acc. No : 35810

Call No : 519.24 LAS-G

The Poisson process, a core object in modern probability, enjoys a richer theory than is sometimes appreciated. This volume develops the theory in the setting of a general abstract measure space, establishing basic results and properties as well as certain advanced topics in the stochastic analysis of the Poisson process. Also discussed are applications and related topics in stochastic geometry, including stationary point processes, the Boolean model, the Gilbert graph, stable allocations, and hyperplane processes. Comprehensive, rigorous, and self-contained, this text is ideal for graduate courses or...

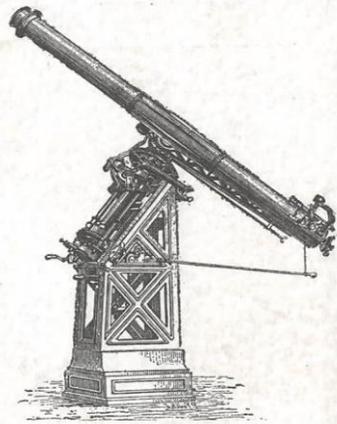
'Equal to the best science writing I've read anywhere, by any author...  
it is above all great story telling.' ALAN LIGHTMAN



# THE HUNT FOR VULCAN

HOW ALBERT EINSTEIN  
**DESTROYED A PLANET**  
AND DECIPHERED  
THE UNIVERSE

THOMAS  
LEVENSON



Levenson reveals how none of our endeavours are immune to our  
pendant for self-deception. *The Hunt for Vulcan* is not just learned,  
passionate and witty – it is profoundly wise.' JUNOT DÍAZ

Acc. No : 37156

Call No : 523.4 LEV-T

In 1859, the brilliant scientist Urbain LeVerrier discovered that the planet Mercury has a wobble, that its orbit shifts over time. His explanation was that there had to be an unseen planet circling even closer to the sun. He called the planet Vulcan. Supported by the theories of Sir Isaac Newton, the finest astronomers of their generation began to seek out Vulcan and at least a dozen reports of discovery were filed. There was only one problem. Vulcan does not exist - and was never there. The real explanation was only revealed when a young Albert Einstein came up with a theory of gravity that also happened to prove...

Ameer Khusro | J.P. Preetam Raj  
P. Agastian S. Theoder

# PRACTICAL BACTERIOLOGY



  
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**PRACTICAL BACTERIOLOGY** contains impressive experiments on Bacteriology Research Ideas (Chapter 15) that have not included in any practical book so far. The book has been written according to the application of bacteria in various fields of biotechnology. The experiments have been written in brief and the procedures summarized in an appealing and uncomplicated language. Appendices of the book provide a broad knowledge in bacteriology to the readers. The subject matter in Practical Bacteriology contains meaningful and essential experiments in order to carry out novel and competent...

# Nanomaterials and Nanocomposites

Synthesis, Properties,  
Characterization Techniques  
and Applications

Rajendra Kumar Goyal

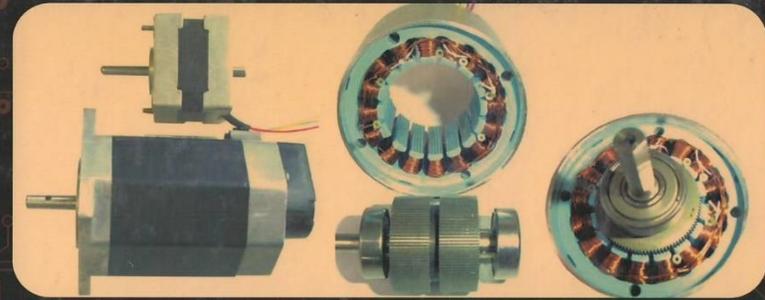
 CRC Press  
Taylor & Francis Group



Acc. No : 37309

Call No : 620.115 GOY-R

The main aims of this book are to summarize the fundamentals, synthesis methods, properties and applications of nanomaterials, so as to provide readers with a systematic knowledge on nanomaterials. In addition, the book covers most commonly used characterization tools pertaining to nanomaterials. Further, it deals with relevant aspects of nanocomposites which contains dispersion of nano-sized particulates, and carbon nanotubes (CNTs) in the matrices (polymer, metal and ceramic). It also discusses development of smart nano textiles (intelligent textiles), self-cleaning glass...



# **Mechatronics and Control of Electromechanical Systems**

**Sergey Edward Lyshevski**



**CRC** CRC Press  
Taylor & Francis Group

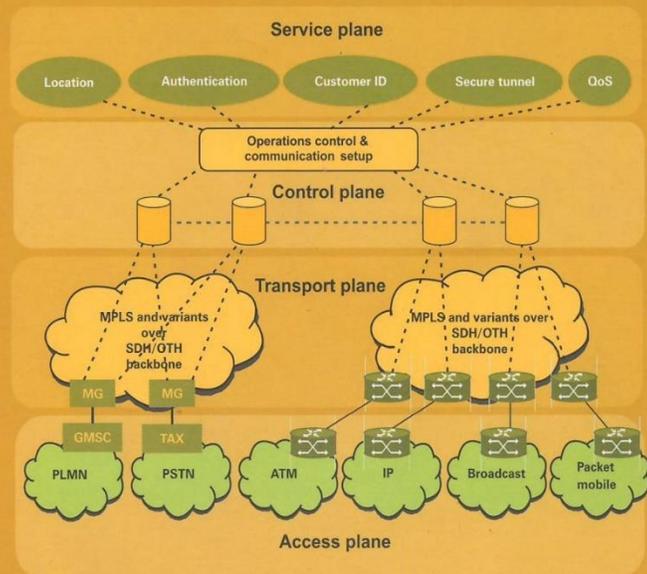
**Acc. No : 37298**  
**Call No : 621 LYS-S**

Due to the enormous impact of mechatronics systems, we encounter mechatronics and micro mechatronic systems in our daily activities. Recent trends and novel technologies in engineering have increased the emphasis on integrated analysis, design, and control. This book examines motion devices (actuators, motors, transducers and sensors), power electronics, controllers, and electronic solutions with the main emphasis placed on high-performance mechatronic systems. Analysis, design, optimization, control, and implementation issues, as well as a variety of enabling mechatronic systems and devices, are also covered. The results extend from the scope of...



# Digital Transmission Hierarchies and Networks

PDH, SDH and OTH



P V Sreekanth



Acc. No : 36610

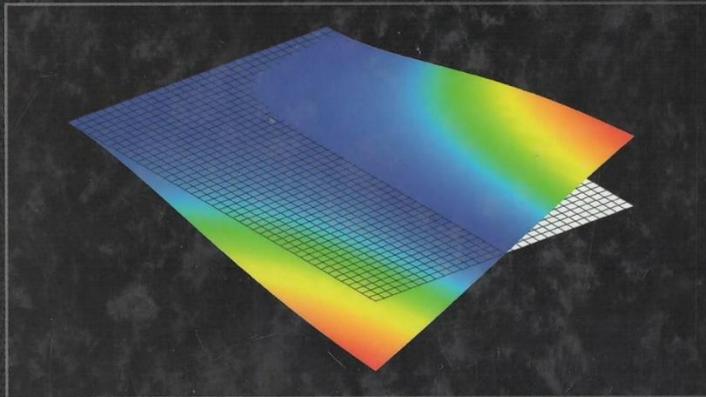
Call No : 621.3827 SRE-P

Digital Transmission Hierarchies and Networks is one of the very few books dealing with all the three generations of digital multiplexing hierarchies, namely plesiochronous digital hierarchy (PDH), synchronous digital hierarchy (SDH) and optical transport hierarchy (OTH) in a full-fledged manner. Perhaps it is the only book demystifying the complex processes of justification and frame formation in PDH, pointer operations, concatenation and synchronisation in SDH and management overhead structures for digital wrapper and optical channel layers in OTH. The book covers the reliability and survivability aspects of...

# Mechanical Vibrations

Theory and Application  
to Structural Dynamics

Third Edition



Michel Géradin  
Daniel J. Rixen

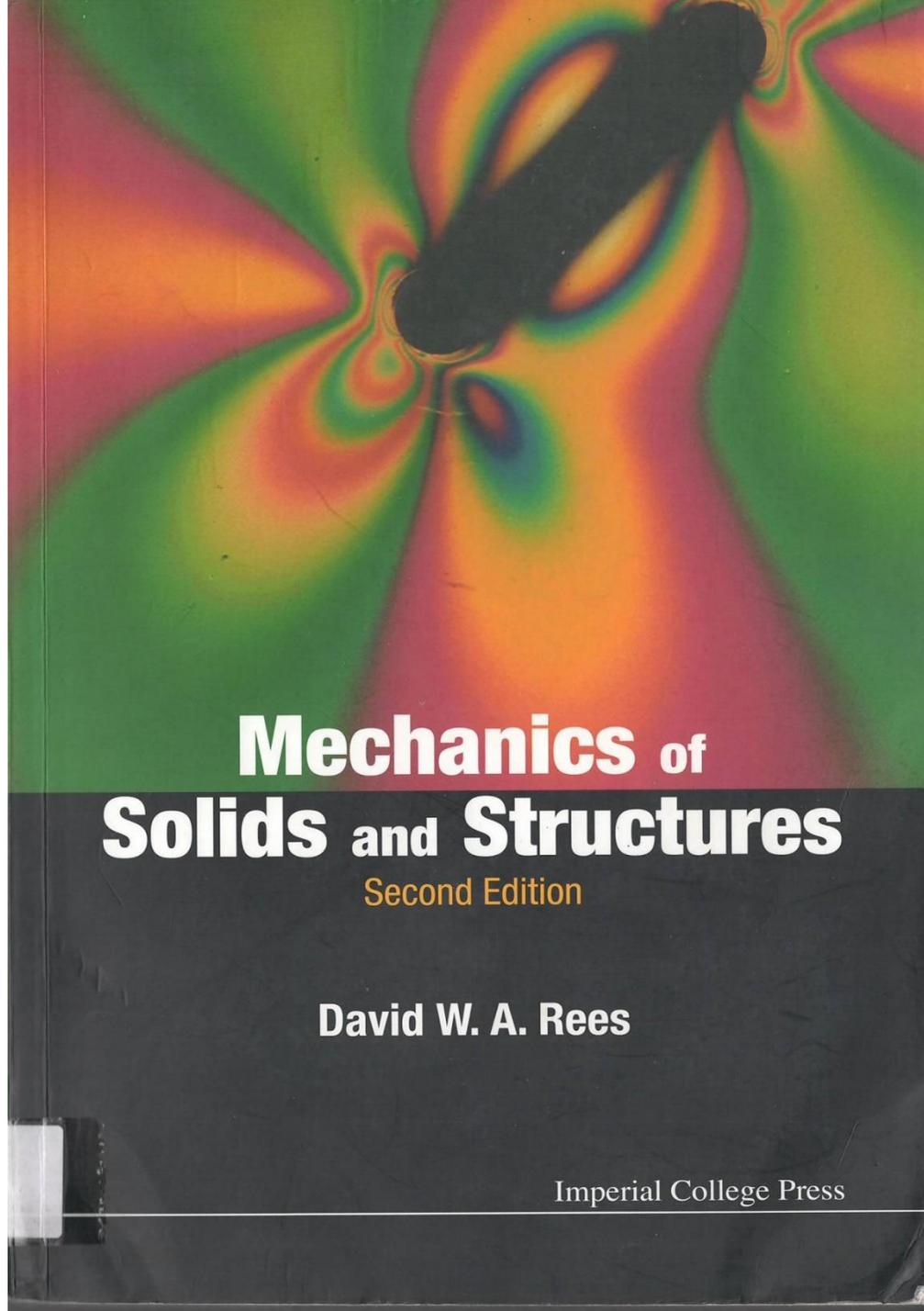
WILEY



Acc. No : 37300

Call No : 624.176 GER-M

**Mechanical Vibrations: Theory and Application to Structural Dynamics, Third Edition** is a comprehensively updated new edition of the popular textbook. It presents the theory of vibrations in the context of structural analysis and covers applications in mechanical and aerospace engineering. Key features include: \* A systematic approach to dynamic reduction and substructuring, based on duality between mechanical and admittance concepts \* An introduction to experimental modal analysis and identification methods \* An improved, more physical presentation of wave propagation phenomena \* A comprehensive presentation of...



Acc. No : 36114

Call No : 624.17 REE-D

The fifteen chapters of this book are arranged in a logical progression. The text begins with the more fundamental material on stress and strain transformations with elasticity theory for plane and axially symmetric bodies, followed by a full treatment of the theories of bending and torsion. Coverage of moment distribution, shear flow, struts and energy methods precede a chapter on finite elements. Thereafter, the book presents yield and strength criteria, plasticity, collapse, creep, visco-elasticity, fatigue and fracture mechanics. Appended is material on the properties of areas, matrices and stress concentrations. Each topic is illustrated by...

'Gaurav Sinha's manifesto to rethink business motivated by compassion has the potential to create a more peaceful, just, sustainable and joyful world'

- DEEPAK CHOPRA



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*Unleashing the Power of Empathy  
in Life and Business*

GAURAV SINHA

Acc. No : 37137

Call No : 650.1 SIN-G

Be inspired to transform your business to change the world. Do you ever wonder how successful businesses can be used as a force for good? Do you sometimes feel conflicted by the principles of capitalism? Do you wish to change the world around you whilst doing what you love? In this book, Gaurav Sinha, world-class businessman and entrepreneur, founder of Insignia in 2003, outlines the economics of empathy for life and for business. He offers actionable solutions to maintaining a successful trade in a changing global landscape where conscience, ethics and authenticity are high on the agenda. The world is changing, perceptions are...



Acc. No : 37203

Call No : 658.4092 BUD-P

What is worse than not having the ability to bring success in one's own life? It is having the ability and not being able to use it to bring success in one's own life! Infin - Eight is designed as an intensive practical "work with self" guide to professional success. It brings alive the power of your strengths and synchronizes them to your professional aspirations. It offers a step-by-step approach of aligning the enablers such as relationships, partnerships, habits and emotional equilibrium to achieve infinite success in the finite space of your life. The book does not stop at giving you ideas or motivating you. It helps you to craft an implementable action plan for your professional...

# INFIN-EIGHT

Eight Principles for Infinite  
Professional Success

PRAJEET BUDHALE

092



# Sheet Metal Press Tools Design and Making

A Practical Approach

Midhat Luqman

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Acc. No : 35107

Call No : 671.25 LUQ-M

This book will go a long way in providing useful knowledge, know-how and information to the students of mechanical engineering courses, as well as the engineers engaged in sheet metal press tools focussing on practical aspects of design and making. In this book, emphasis is laid on explaining various materials of construction of tools, tools design, machining methods, assemblies and selection of power presses, automation, safety and quality aspects. Theoretical aspects are also touched upon. Quality consciousness and cost awareness has appreciably increased manyfold, if compared to what it was about half a century back. Improvement in quality...



THE ILLUSTRATED HISTORY OF  
**FOOTBALL  
WORLD CUP**  
1930-2018



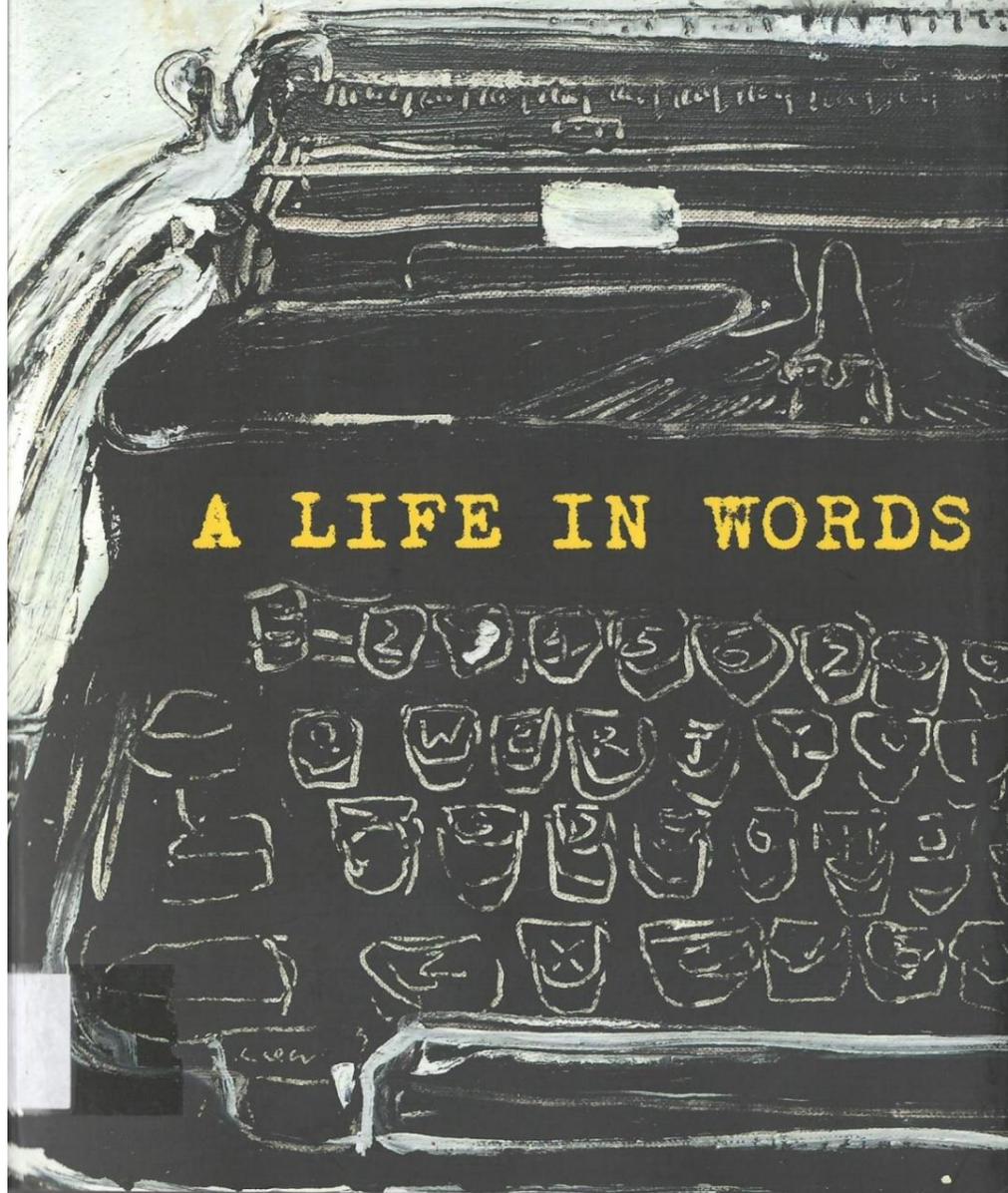
Acc. No : 37257

Call No : 796.334 ACZ-G

The Illustrated History of Football World Cup 1930-2018, brings together the best moments of all the Football World Cups. The book showcases distinctive caricatures of the most iconic players, the most spectacular goals and the most poignant scenes, accompanied by facts and gripping background stories. The book is the perfect Football World Cup primer in comic style for fans young and old...

# Paul Auster

conversations with I. B. Siegmundfeldt



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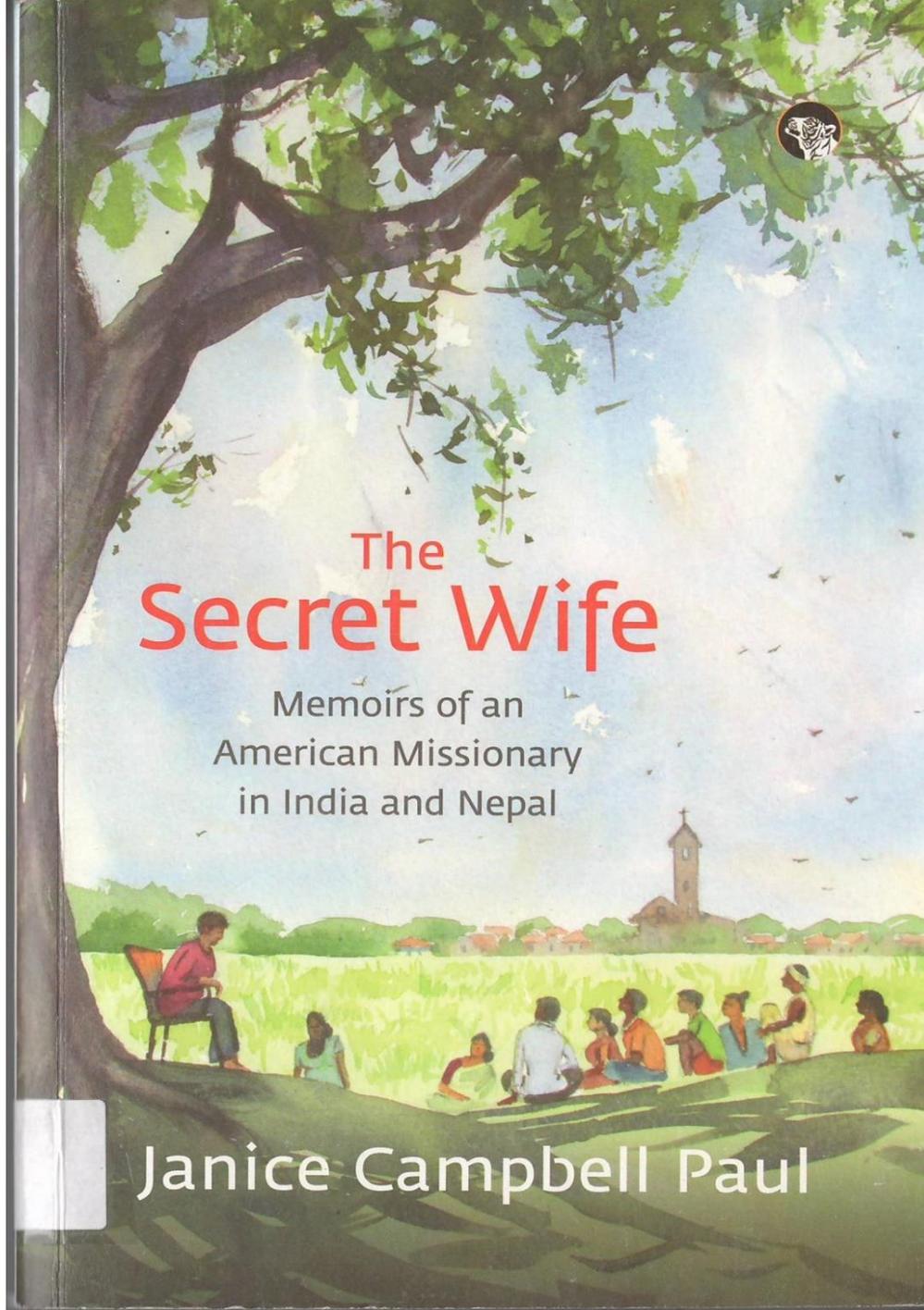
Call No : 818.54 AUS-P

"Paul Auster's *A Life in Words*--a wide-ranging dialogue between Auster and the Danish professor I.B. Siegmundfeldt--is a remarkably candid and often surprising celebration of one writer's art, craft, and life. It includes many revelations that have never been shared before, such as that he doesn't consider himself a postmodernist even though he is frequently labeled as one. This is a book that's full of surprises, composed of spoken words that sometimes jump off the page like good drama. The conversations between Auster and Siegmundfeldt went on for three years, starting in 2011, and continuing after there was...



Acc. No : 37242

Call No : 823.92 PAU-J



Janice Campbell Paul was just an ordinary American woman, not particularly religious or spiritual, when she was stricken with fibromyalgia, an illness so inexplicable that even the doctors were left puzzled. Slowly, as the sickness took over, she lost the life she had known. As friends and family eased their way out of her life, she was left alone, completely dependent on a wheelchair as she struggled to adjust to her new world. It was then that she discovered love. First, the love of God, which, she believes, created a series of miraculous events that set her life on a different course completely, and enabled her to walk again. The other love, no less powerful...

# India and Pakistan

*Neighbours at Odds*

Avtar Singh Bhasin



B L O O M S B U R Y



Acc. No : 37125

Call No : 954.04 BHA-A

The book is based on archival material accessed for the first time from the Nehru Papers and the archives of the Ministry of External Affairs, Government of India. It provides readers with a new perspective on a great many significant issues of the sub-continent's India-Pakistan discourse. The Partition was an opportunity for the two nations to go their own ways and build egalitarian societies, complementing each other. Unfortunately, unable to transcend old animosities, Pakistan added new ones to construct the bogey of Indian hegemony. This was diametrically opposed to India's determination to steer clear of the past and pursue a positive...

ELIZABETH FLOCK

LOVE  
*and*  
MARRIAGE  
*in*  
MUMBAI

'Easily the most intimate account  
of India that I've read...'

SUKETU MEHTA  
author of *Maximum City*

BLOOMSBURY



Acc. No : 36854

Call No : Fiction FLO-E

In twenty-first-century India, tradition is colliding with Western culture, a clash that touches the lives of everyday Indians from the wealthiest to the poorest. While ethnicity, class, and religion are influencing the nation's development, so too are pop culture and technology-an uneasy fusion whose impact is most evident in the institution of marriage. *Love and Marriage in Mumbai* introduces three couples whose relationships illuminate these sweeping cultural shifts in dramatic ways: Veer and Maya, a forward-thinking professional couple whose union is tested by Maya's desire for independence; Shahzad and Sabeena, whose desperation for a child becomes entwined with the changing face of...

AN  
**UNLIKELY  
CHEMISTRY**

*Autobiography of a Couple*

**S. KRISHNASWAMY**

This book is 'essential reading' to understand modern India.

—Prof. M.S. Swaminathan



Acc. No : 35903

Call No : Autobiography KRI-S

How can two people survive in a marriage when one of them sees it as an impediment to personal growth? Well, you keep trying and eventually figure ways of making it work. *An Unlikely Chemistry* is the story of a couple—a scientist and a filmmaker—who battle personal issues and external challenges and go on to build a life on their own terms. The scientist, Mohana, stands up to a crippled system, determined to discover an Ayurvedic drug for cancer. On the threshold of global recognition, she is compelled to abandon her research due to the biases of a system plagued by caste-based reservations. The filmmaker, Krishnaswamy, provoked by a distorted American documentary on...

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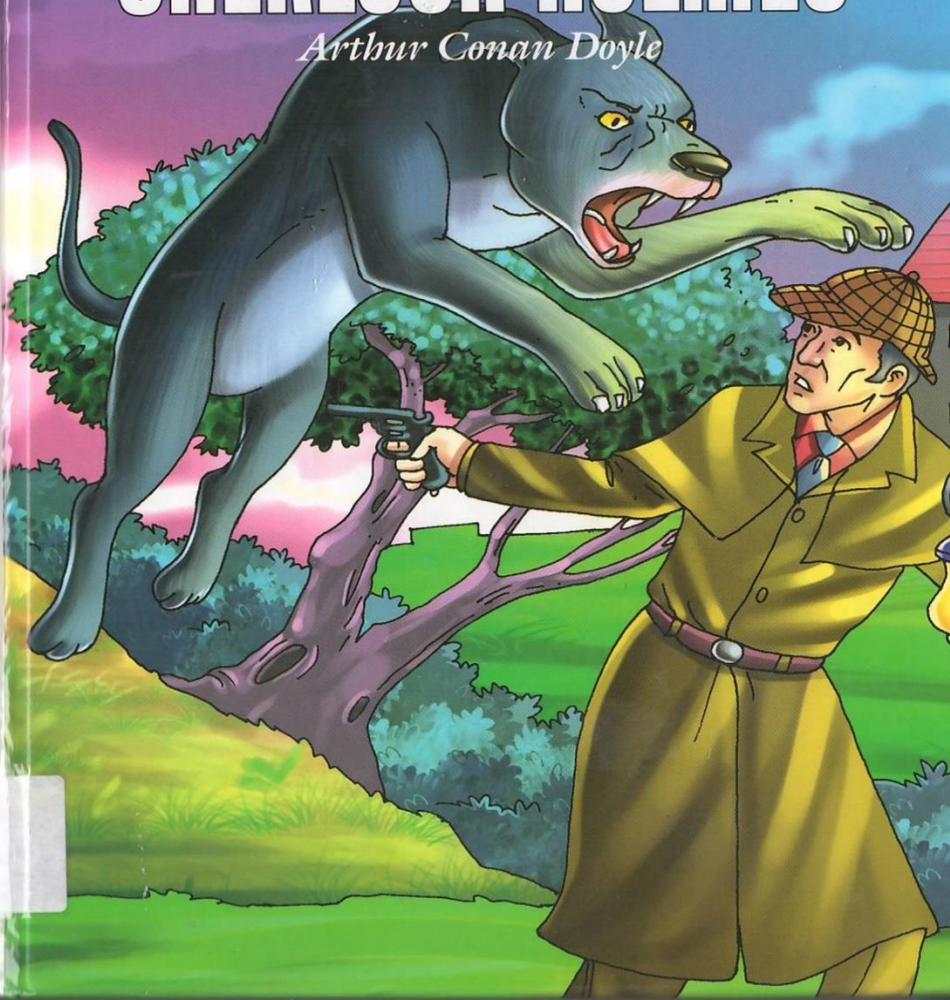
When a young college-going Kashmiri girl, Sehmat, gets to know her dying father's last wish, she can do little but surrender to his passion and patriotism and follow the path he has so painstakingly laid out. It is the beginning of her transformation from an ordinary girl into a deadly spy. She's then married off to the son of a well-connected Pakistani general, and her mission is to regularly pass information to the Indian intelligence. Something she does with extreme courage and bravado, till she stumbles on information that could destroy the naval might of her beloved...

PRISM

CHILDREN'S ILLUSTRATED CLASSICS

# THE MEMOIRS OF SHERLOCK HOLMES

*Arthur Conan Doyle*



Acc. No : 35870

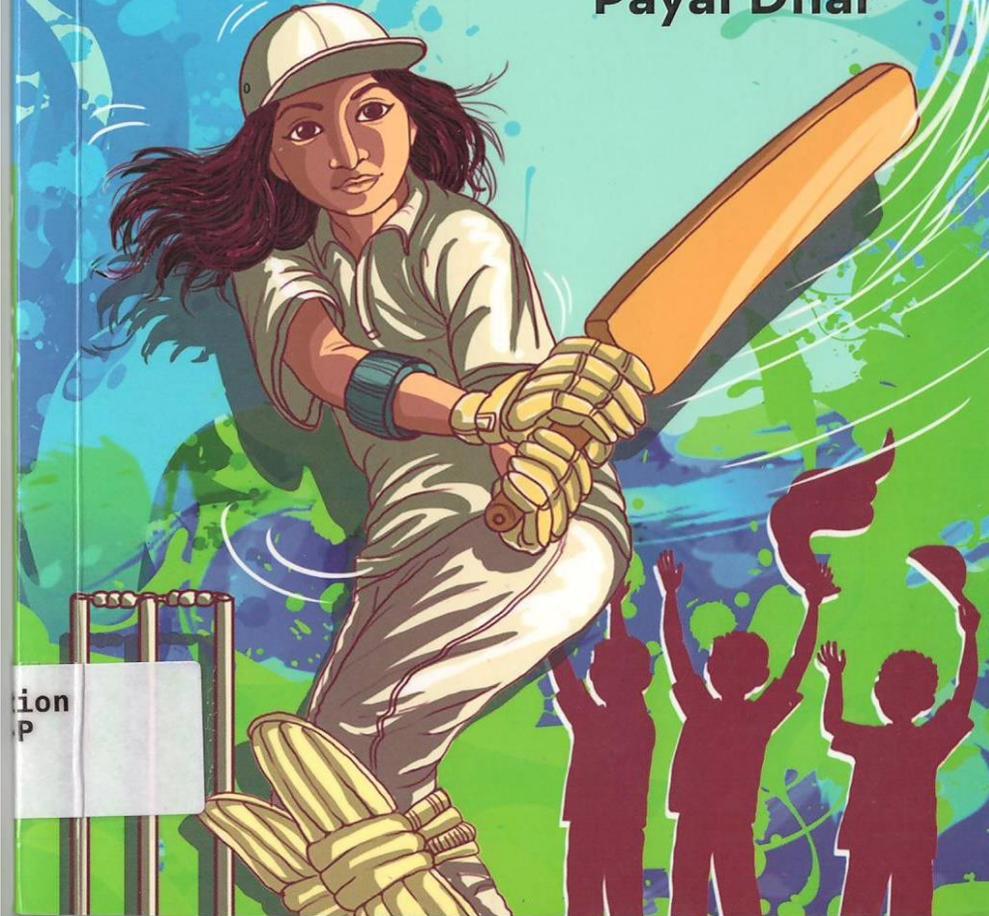
Call No : Fiction DOY-A

“of all ghosts the ghosts of our old lovers are the worst.” Sherlock Holmes and Dr. Watson have once again taken up some of the most intriguing cases. Join them as they investigate disappearances, violent murders and burglary and solve the mystery of a strange yellow-faced figure and an unusual business agreement. A collection of eleven short stories, *The Memoirs of Sherlock Holmes* introduces Mycroft, Holmes’ elder brother, in ‘*The Adventure of the Greek Interpreter*,’ and Professor James Moriarty, the criminal mastermind and Holmes’ archenemy, in ‘*The Adventure of the Final Problem*.’ The stories continue to thrill...

# HIT FOR A

# SIX

Payal Dhar



Acc. No : 36063

Call No : Fiction DHA-P

Thirteen-year-old Laila is mad about cricket, but ever since her favourite player admitted to match-fixing, she wonders if she could love the game again. All this is complicated further when she discovers that her school is going to be home to the town's first ever girls' cricket club. Can her hero's betrayal and her love for the game coexist? Meanwhile, working on a school project about their town's historical spots, Laila and her friends stumble upon a series of apparently unrelated questions that point to a mystery just begging to be solved. What is the secret behind the new owners of Laila's erstwhile secret hideout, old mister Marshall's house? Who are the anonymous benefactors who...



7A

7A  
Library  
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Geography

**Thank you**