

**VOL. 2, NO. 8**



# ***BIBLIOPHILE***

***A monthly newsletter***

**AUG 2025**



**COMPILED BY:**  
**ACQUISITION SECTION**

# About *Bibliophile*

We are happy to release the latest issue of "*Bibliophile – a Monthly Newsletter of Nava Nalanda Central Library*". The *Bibliophile* is a gateway to library resources, services, and activities. Each issue of *Bibliophile* brings you:

- **New Arrivals** – A curated selection of the latest additions to our library collection, covering a wide range of genres, including contemporary fiction, historical narratives, non-fiction, academic works, and technical publications.
- **Academic Excellence** – A celebration of the scholarly achievements of the TIET community, including recent publications, patents, and notable research contributions.

Stay informed, inspired, and connected with your library. *Bibliophile* is more than a newsletter—it's your monthly companion in academic discovery and intellectual growth.

–Editorial Board, *Bibliophile*



## IN THIS ISSUE

- Newly added Computer Science, Fiction, Management, Competitive Examination, Electrical engineering, Mathematics, Physics and Chemistry-related books in the library collection
- User Literacy



# *Table of* Content

**CHEMISTRY****05-07****COMPETITIVE EXAMINATION****08-14****COMPUTER SCIENCE****15-18****ELECTRICAL ENGINEERING****19-20****ELECTRONICS ENGINEERING****21-24****FICTIONAL BOOKS****25-30****MANAGEMENT****31-35****MATHEMATICS****36-39****MECHANICAL ENGINEERING****40-42**

# *Table of* Content



## PHYSICS

43-44

## RELIGION / GENERAL BOOKS

45-48

## HIGHEST IMPACT FACTOR PUBLICATION

49

## PATENT GRANTED

50

## PHD THESIS SUBMITTED

51

## USER LITERACY

52

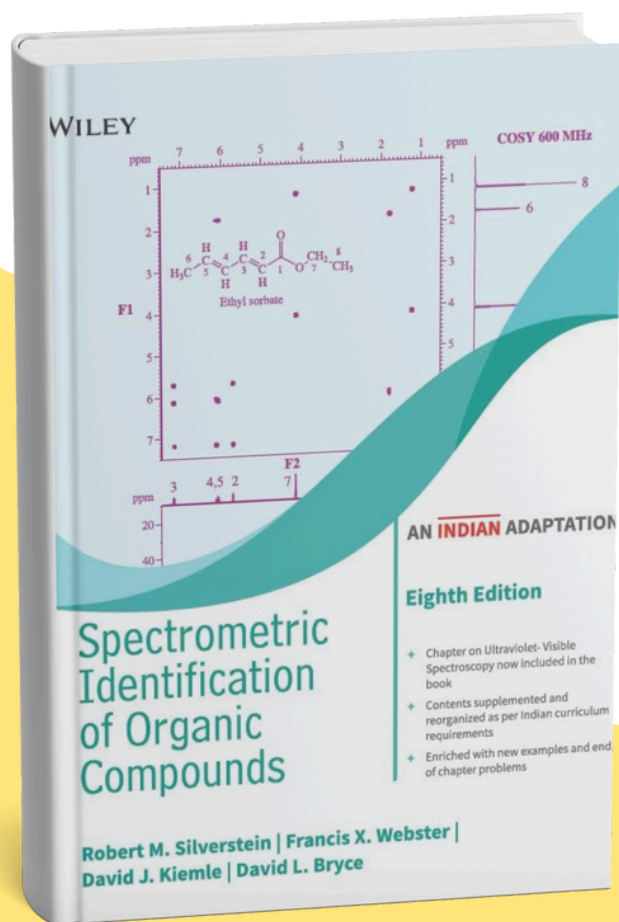
## CONTRIBUTE CONTENTS

53

## CONTACT

54





## Bibliographic Details

- **Author:** Robert M. Silverstein
- **Publisher:** Wiley
- **Year :** 2022
- **ISBN:** 9789354642296
- **Pages:** 509p.
- **Call No:** 543.5 SI-S

# Spectrometric Identification Of Organic Compounds

## About the Book

The Indian Adaptation of *Spectrometric Identification of Organic Compounds, eighth edition* of the book is reorganized, enhanced, and updated to offer complete coverage of Indian curriculum. Almost all spectroscopic techniques include updates in theory, instrumentation, and characterization of group absorptions UV-Visible Spectroscopy is now included as a part of the book. Chapter on Two-Dimensional NMR Spectroscopy is reorganized to explain 2D NMR techniques first with examples of simple molecules and then applied to analyze more complex molecules.

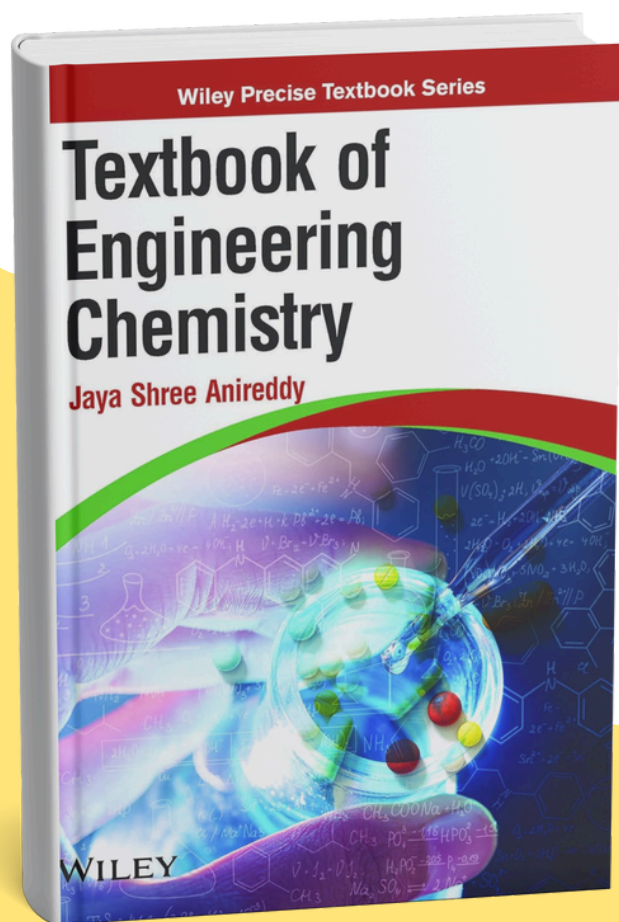
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For locate the book

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## Bibliographic Details

- **Author:** Jaya Shree Anireddy
- **Publisher:** Wiley
- **Year :** 2023
- **ISBN:** 9789357460972
- **Pages:** 498p.
- **Call No:** 540 AN-T

## Textbook of Engineering Chemistry

### About the Book

The objective of **Engineering Chemistry** is to build a solid foundation in the fundamentals of chemistry and an interface of theoretical concepts with their industrial/applications. This book is designed as an introductory course in Engineering Chemistry with complete coverage and is in accordance with the latest syllabus of JNTU. It aims to impart students with in-depth knowledge of various aspects of chemistry as applied to engineering. It extends the application of basic concepts of chemistry to understand Water and its Treatment; Electrochemistry, Batteries, and Corrosion; Energy Sources; Engineering Materials; Polymers; and Spectroscopic Techniques.

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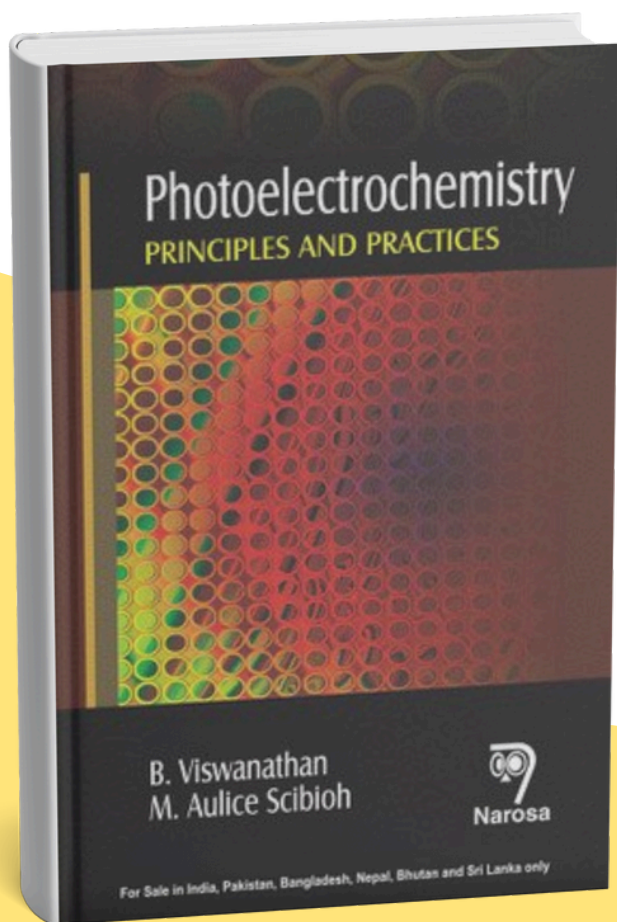


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### Bibliographic Details

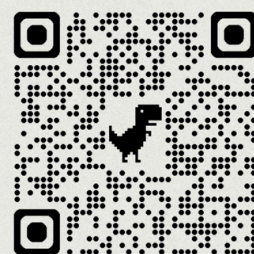
- **Author:** B. Viswanathan
- **Publisher:** Narosa Publishing House
- **Year :** 2014
- **ISBN:** 9788184871579
- **Pages:** 150p.
- **Call No:** 540.151 VI-P

## Photoelectro-chemistry: Principles and Practices

### About the Book

The future energy needs have to be met essentially by making use of solar radiation. As this area of research centers on the production of fuel hydrogen and production of chemicals from CO<sub>2</sub> and N<sub>2</sub> these important aspects are extensively covered. Although more than 40 years of research in these frontier areas has not resulted in viable technologies, this book provides clues for success in the future. In every respect this exercise is an unique one and the contents can be comprehended by general readers interested in the topic of energy.

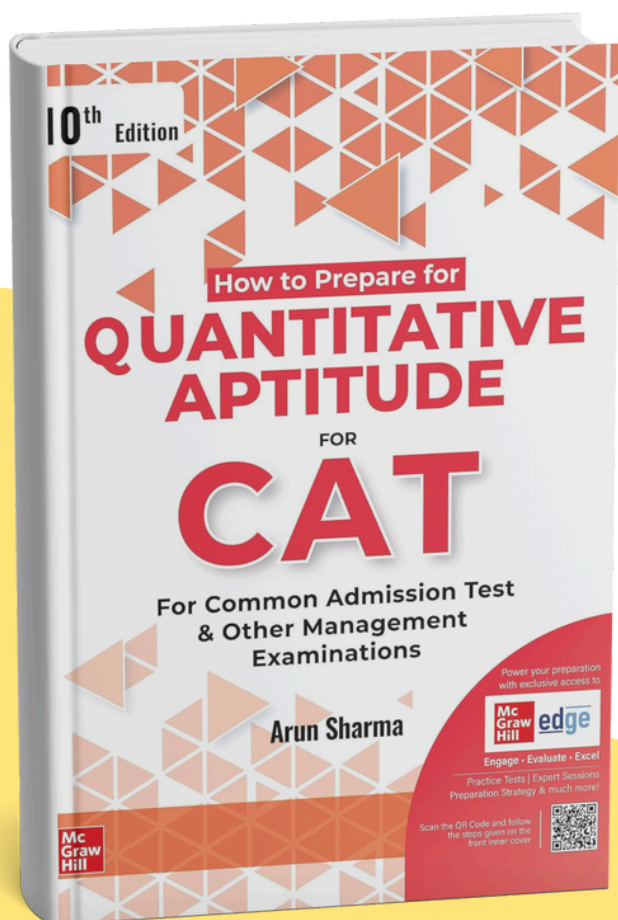
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## Bibliographic Details

- **Author:** Arun Sharma
- **Publisher:** McGraw Hill Education
- **Year :** 2022
- **ISBN:** 9789355321626
- **Pages:** approx 700p.
- **Call No:** 658.076 SH-H

## How to Prepare for Quantitative Aptitude for CAT

### About the Book

This book is authored by the acknowledged CAT trainer Arun Sharma. Developed as per the latest trend and pattern of the CAT examination, the main emphasis of the book is on how to tackle the quantitative aptitude section of CAT and other management entrance examinations with ease. With many helpful and time-saving tips and tricks, it gives clear guidance to the aspirants on how to attempt various types of questions.

#### Salient Features of the book:-

- New chapter-end questions segregated into LODs to cater to the increased difficulty level of the CAT
- Additional exercises on relevant concepts
- Taste of the Exams within each block covering previous years' CAT questions

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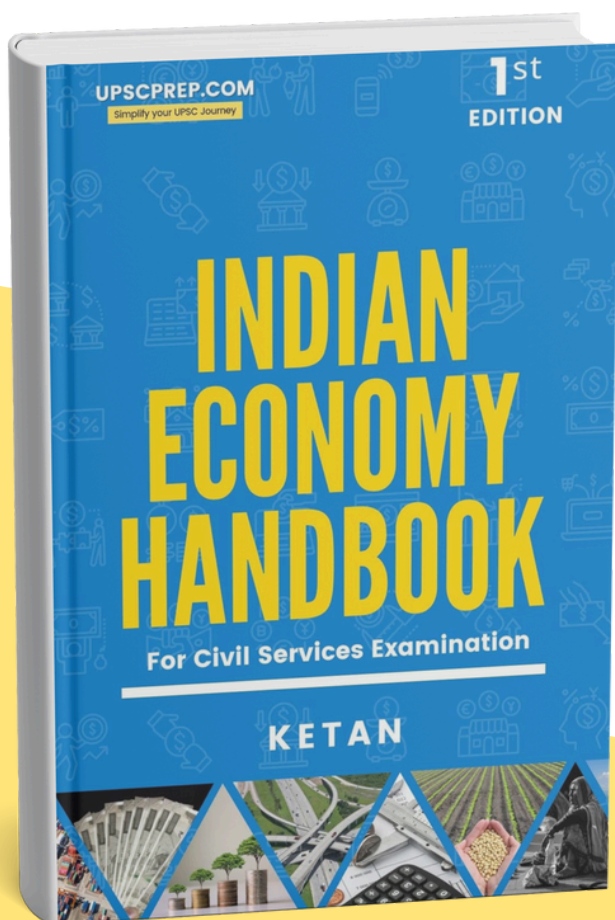


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### Bibliographic Details

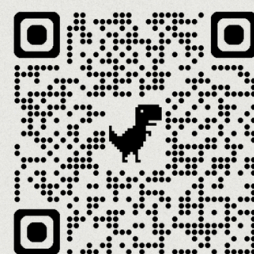
- **Author:** Ketan
- **Publisher:** UPSCPREP Publications
- **Year :** 2024
- **ISBN:** 9788197512933
- **Pages:** 382p.
- **Call No:** 330.954 KE-I

### Indian Economy Handbook for Civil Services Examinations and Other Competitive Examinations

### About the Book

The book covers the complete Indian economy syllabus for the civil services examination, both prelims and mains. With clarity of concepts and simple language, it's perfect for students, even those without any background in economics.

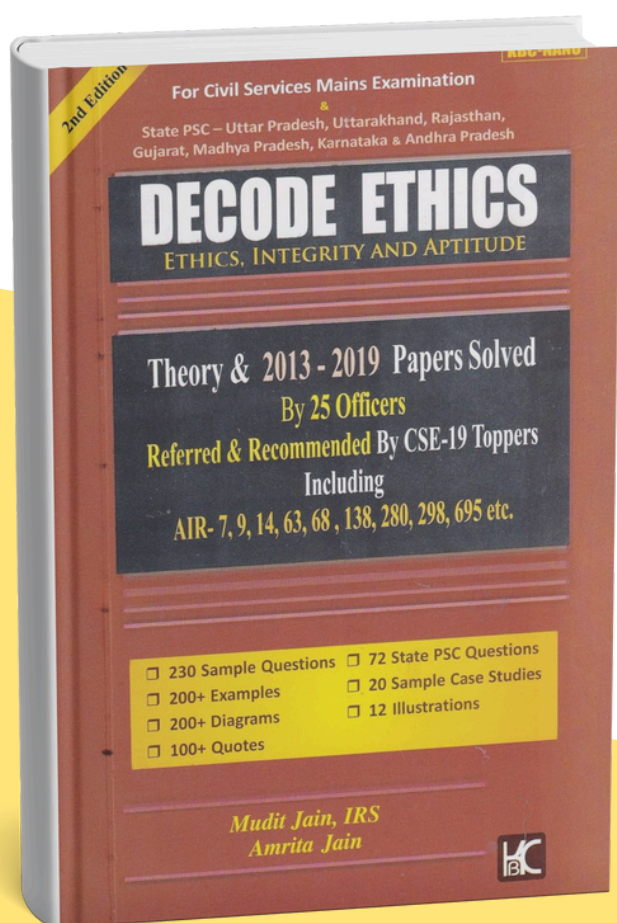
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For locate the book

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## Bibliographic Details

- **Author:** Mudit Jain
- **Publisher:** KBC Nano Publication
- **Year :** 2021
- **ISBN:** 9789383918126
- **Pages:** 480p.
- **Call No:** 174.915 JA-D

## Decode Ethics: Ethics, Integrity and Aptitude

### About the Book

This book is designed for the Civil Services Mains Examination and various State PSC examinations, including those for Uttar Pradesh, Uttarakhand, Rajasthan, Gujarat, Madhya Pradesh, Karnataka, and Andhra Pradesh. It includes theory and solved papers from 2013–2019, compiled by 25 officers and recommended by CSE–19 toppers.

#### **Salient Features of the book:-**

- 230 Sample Questions
- 72 State PSC Questions
- 200+ Examples & 20 Sample Case Studies
- 12 Illustrations & 100+ Quotes

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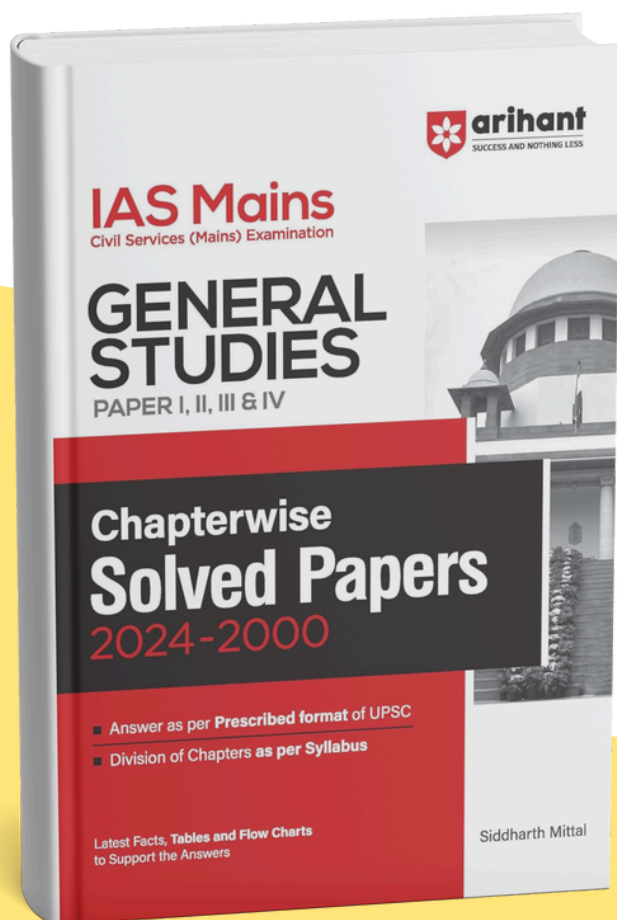


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## Bibliographic Details

- **Author:** Siddharth Mittal
- **Publisher:** Arihant Publications
- **Year :** 2024
- **ISBN:** 9789359987422
- **Pages:** 932p.
- **Call No:** 351.076 MI-I

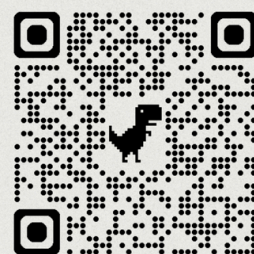
## IAS Mains General Studies Chapterwise Solved Papers 2024

### About the Book

The book **IAS Mains Chapterwise Solved Papers** which provides the comprehensive model answers of UPSC General Studies Mains papers from the year 2000 to 2024. The exclusive features of this book are:-

- The book has been divided into four papers as per the latest examination pattern
- Each paper has been segregated in topics as per the latest syllabus of Civil Services (Mains) Examinations
- Special emphasis on questions from the last five years according to the changing patterns.
- Latest Facts, Tables, and Flow Charts are included to support the Answers

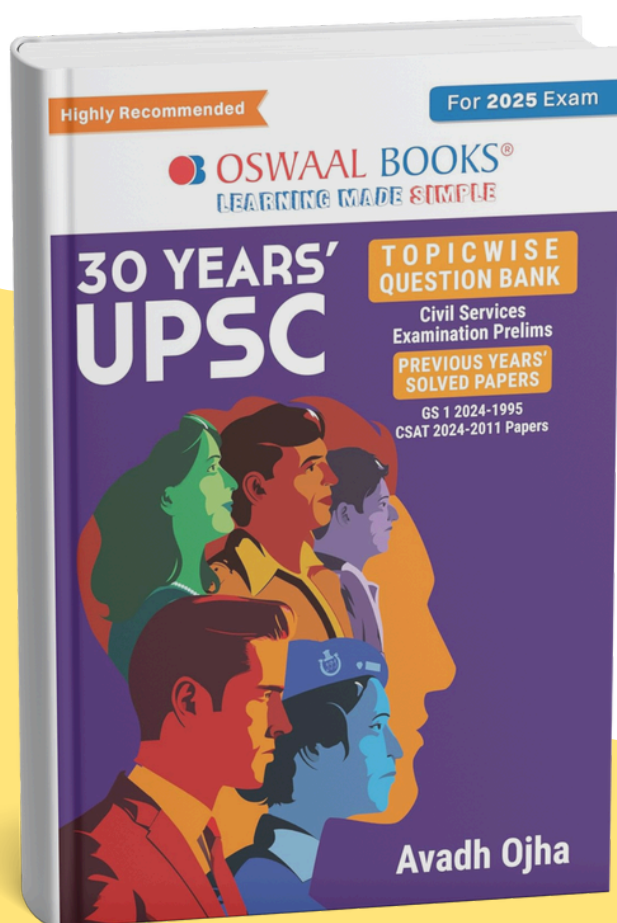
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## Bibliographic Details

- **Author:** Avadh Ojha
- **Publisher:** Oswaal Books
- **Year :** 2025
- **ISBN:** 9789362397812
- **Pages:** 784p.
- **Call No:** 351.076 OJ-O

**Oswaal 30 Years' UPSC  
Topic wise Question Bank,  
Civil Services  
Examination Prelims,  
Previous Years Solved  
Papers 2025**

## About the Book

The UPSC CSE is one of the most prestigious and challenging examinations in India. Aspiring candidates must be well-prepared, not only in terms of knowledge but also in their understanding of the examination's intricacies. With this in mind, Oswaal Books, under the esteemed guidance and supervision of Avadh Ojha sir, presents the thoroughly revised and updated edition of the "30 Years UPSC Topic-Wise Solved Papers". This book is arranged topic-wise, which means you can focus on one subject at a time. Instead of going through all papers randomly, you will see how questions have been asked on a single topic over the years.

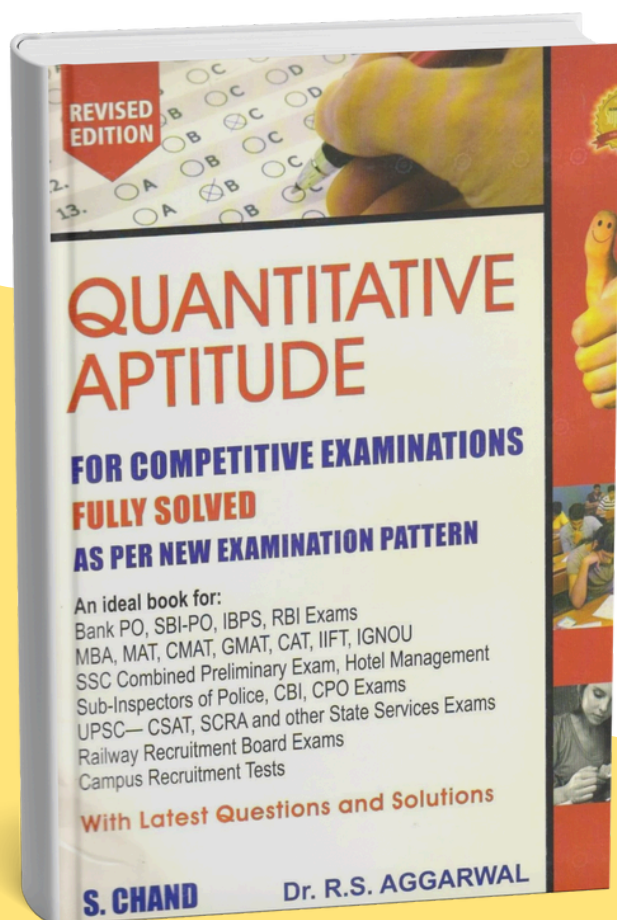
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## Bibliographic Details

- **Author:** R. S. Aggarwal
- **Publisher:** S Chand and Company
- **Year :** 1989
- **ISBN:** 9789358705010
- **Pages:** 809p.
- **Call No:** 153.9451 AG-Q

# Quantitative Aptitude for Competitive Examinations

## About the Book

It covers arithmetic, algebra, geometry, data interpretation, and statistical analysis, providing comprehensive explanations, solved examples, and practice exercises. The book focuses on strategies, shortcuts, and problem-solving techniques to efficiently tackle quantitative aptitude questions, boosting problem-solving abilities and confidence.

### What You'll Find Inside:-

- ✍ Includes arithmetic, algebra, geometry, data interpretation, and statistical analysis.
- ✍ Step-by-step solutions and thorough explanations.
- ✍ Includes 40 videos for visual and auditory learning.
- ✍ Over 2000 solved examples and 10,000+ practice questions.

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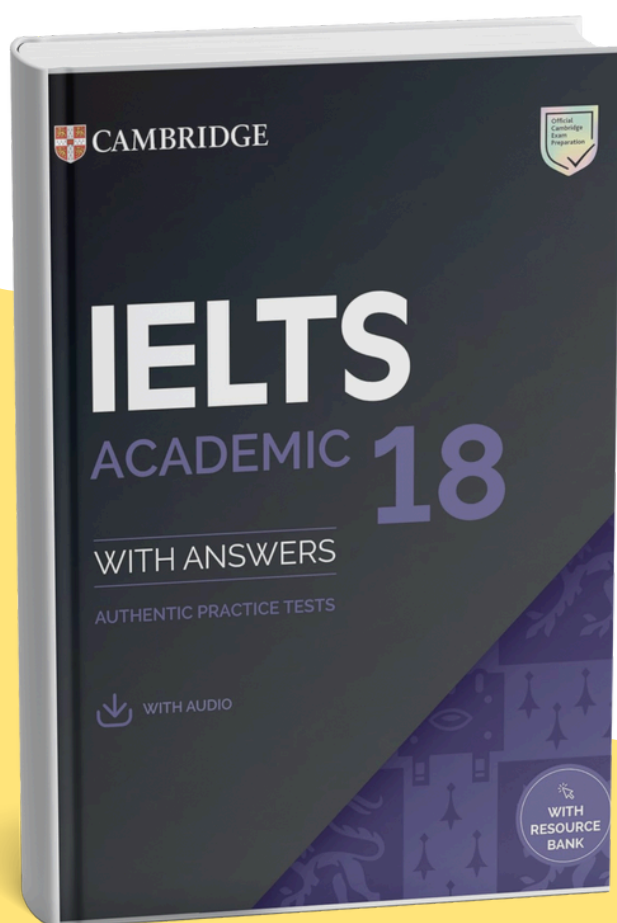
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### Bibliographic Details

- **Author:** Cambridge University Press
- **Publisher:** Cambridge University Press
- **Year :** 2023
- **ISBN:** 9781009452328
- **Pages:** 142p.
- **Call No:** 428.34 CA-I

## IELTS 18 Academic Book Audio With Resource Bank

### About the Book

**IELTS 18 Academic Student's Book with Answers with Audio with Resource Bank (South Asia edition)** Prepare for the exam with practice tests from Cambridge Inside you'll find four authentic examination papers from Cambridge University Press & Assessment. They are the perfect way to practise – EXACTLY like the real exam.

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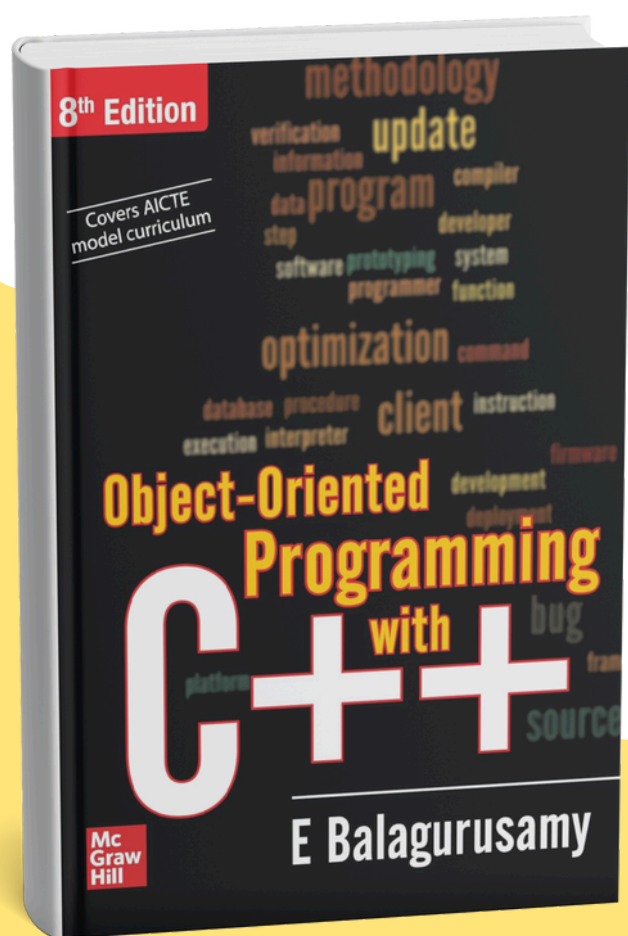


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## Bibliographic Details

- **Author:** E. Balagurusamy
- **Publisher:** McGraw Hill Education
- **Year :** 2021
- **ISBN:** 9789389949186
- **Pages:** 679p.
- **Call No:** 005.1331 BA-O

## Object Oriented Programming with C++

### About the Book

**Object-oriented programming with C++**, 8th edition is here with some valuable updates. The new edition helps students to assess their learning by answering questions based on learning outcomes. Objective-type questions and dry-run questions are introduced to make students exam ready. A new appendix on interview questions is for those seeking to join the industry.

#### Highlights:-

- New appendix on implementation of abstract data types
- 150+ multi-choice questions
- 100+ dry-run exercises
- 90+ interview questions
- Two new projects

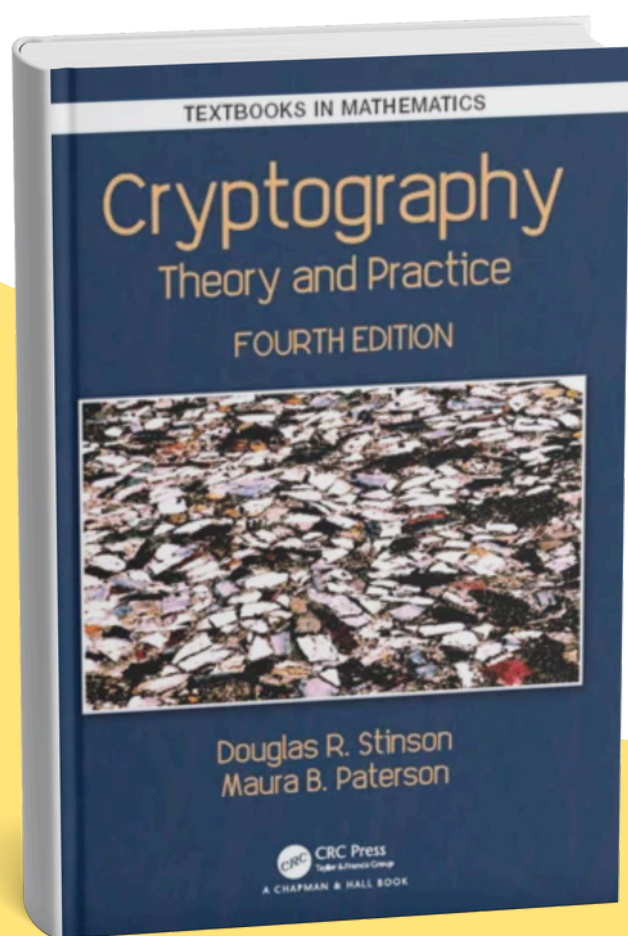
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### Bibliographic Details

- **Author:** Douglas Robert Stinson
- **Publisher:** CRC Press
- **Year :** 2019
- **ISBN:** 9780367148591
- **Pages:** 580p.
- **Call No:** 005.82 ST-C

## Cryptography: Theory and Practice

### About the Book

This book offers a comprehensive primer for the subject's fundamentals while presenting the most current advances in cryptography. The authors offer comprehensive, in-depth treatment of the methods and protocols that are vital to safeguarding the seemingly infinite and increasing amount of information circulating around the world.

#### Key Features :-

- *New chapter on the exciting, emerging new area of post-quantum cryptography (Chapter 9).*
- *New high-level, nontechnical overview of the goals and tools of cryptography (Chapter 1).*
- *Methods of key distribution in sensor networks.*

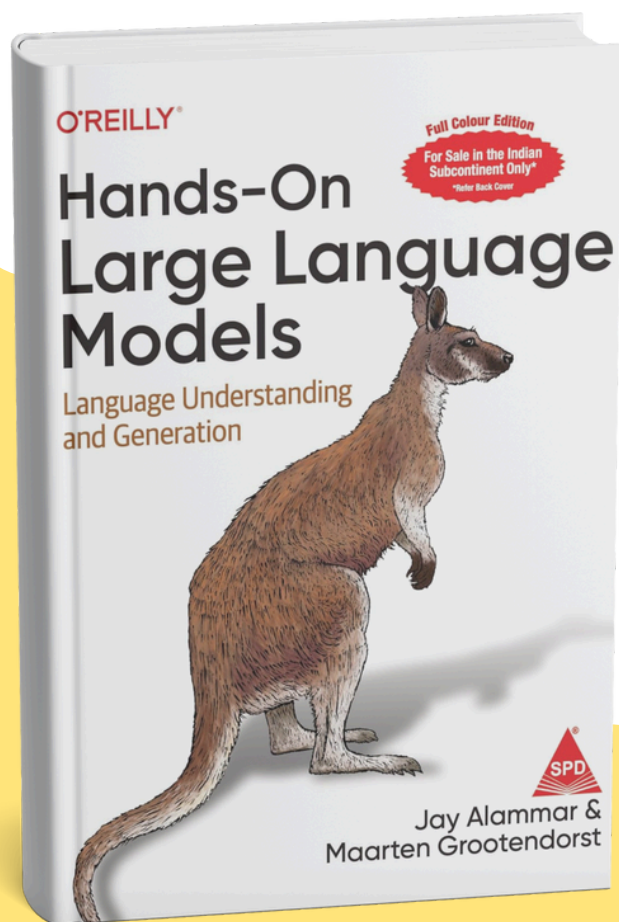
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## Bibliographic Details

- **Author:** Jay Alammar
- **Publisher:** O'Reilly Media
- **Year :** 2024
- **ISBN:** 9789355425522
- **Pages:** 403p.
- **Call No:** 006.3 AL-H

## Hands-On Large Language Models: Language Understanding

### About the Book

Through this book's visually educational nature, readers will learn practical tools and concepts they need to use these capabilities today. You'll understand how to use pretrained large language models for use cases like copywriting and summarization; create semantic search systems that go beyond keyword matching; and use existing libraries and pretrained models for text classification, search, and clusterings.

**This book also helps you:-**

- Understand the architecture of Transformer language models that excel at text generation and representation
- Build advanced LLM pipelines to cluster text documents and explore the topics they cover

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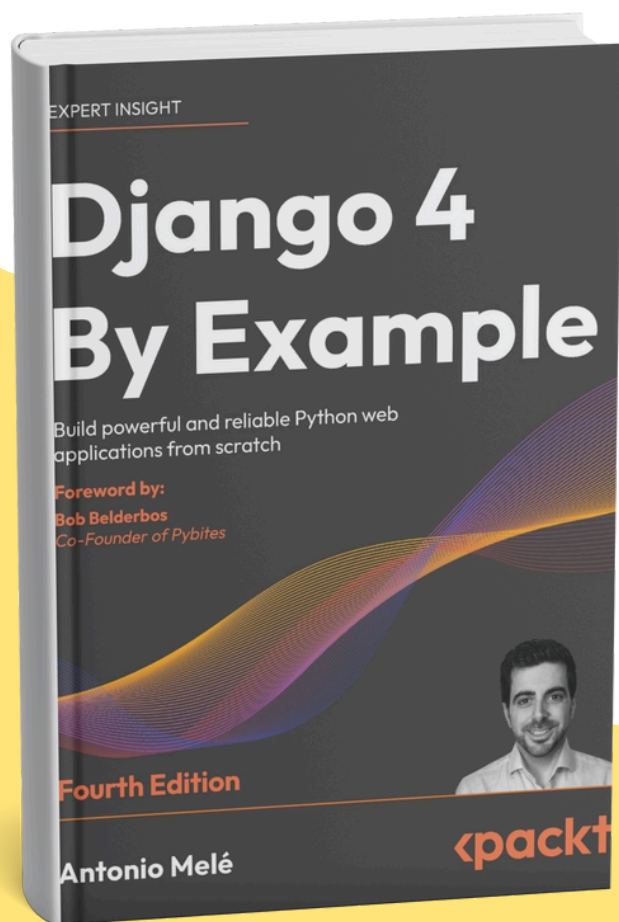


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### Bibliographic Details

- **Author:** Antonio Mele
- **Publisher:** Packt Publishing
- **Year :** 2022
- **ISBN:** 9781801813051
- **Pages:** 736p.
- **Call No:** 005.1338 ME-D

## Django 4 by Example: Build Powerful and Reliable Python

### About the Book

*Django 4 By Example* is the 4th edition of the best-selling franchise that helps you build web apps. This book will walk you through the creation of real-world applications, solving common problems, and implementing best practices using a step-by-step approach.

#### What You Will Learn:-

- Implement different modules of the Django framework to solve specific problems
- Integrate third-party Django applications into your project
- Build asynchronous (ASGI) applications with Django
- Set up a production environment for your projects
- Learn Django essentials, including models, ORM, views, templates, URLs, forms, authentication, signals and middleware

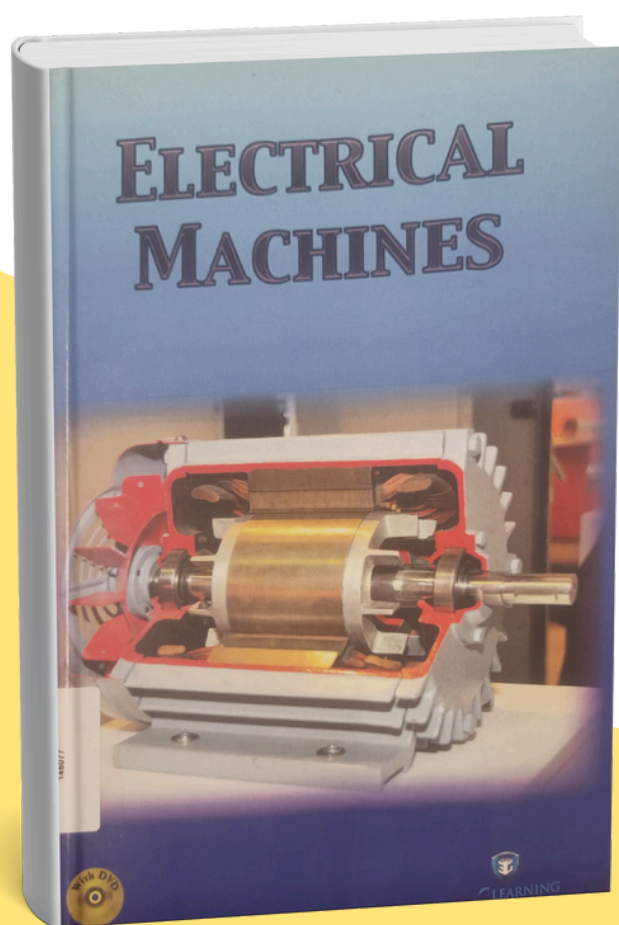
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### Bibliographic Details

- **Author:** 3G E Learning
- **Publisher:** 3G E Learning
- **Year :** 2014
- **ISBN:** 9789351151456
- **Pages:** 238p.
- **Call No:** 621.313 LE-E

## Electrical Machines

### About the Book

The aim of the book is to give deep exposition of the theory of electrical devices, with specific emphasis on the theory of rotating electric machines. This book presents simple, explicit, and yet rigorous and comprehensive treatment of transformers and electric machines in a single volume. Considerable emphasis is laid on the fundamentals, physical concepts, principles and on rigorous development of circuit model equivalents of both transformers and machines. Each circuit model is closely related to the physical reality and the underlying assumptions are sharply focused and consequent limitations on the range of operation over which the model is valid are fully explained.

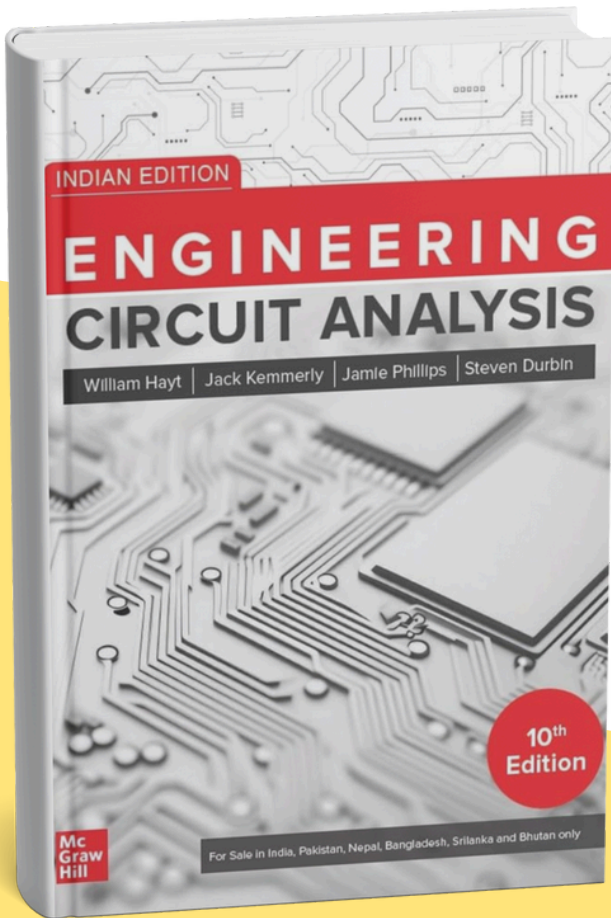
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### Bibliographic Details

- **Author:** William H Hayt
- **Publisher:** McGraw Hill Education
- **Year :** 2024
- **ISBN:** 9789364441094
- **Pages:** 864p.
- **Call No:** 621.3192 HA-E

## Engineering Circuit Analysis

### About the Book

**Engineering Circuit Analysis** stands out for its student-centered approach, making complex circuit concepts accessible to learners at all levels. This text is written so students may teach the science of circuit analysis to themselves. Terms are clearly defined, basic material appears toward the beginning of each chapter and is explained carefully and in detail, and numerical examples are used to introduce and suggest general results.

The book's rich pedagogy supports and encourages the student throughout by offering tips and warnings, using design to highlight key material, and providing lots of opportunities for hands-on learning.

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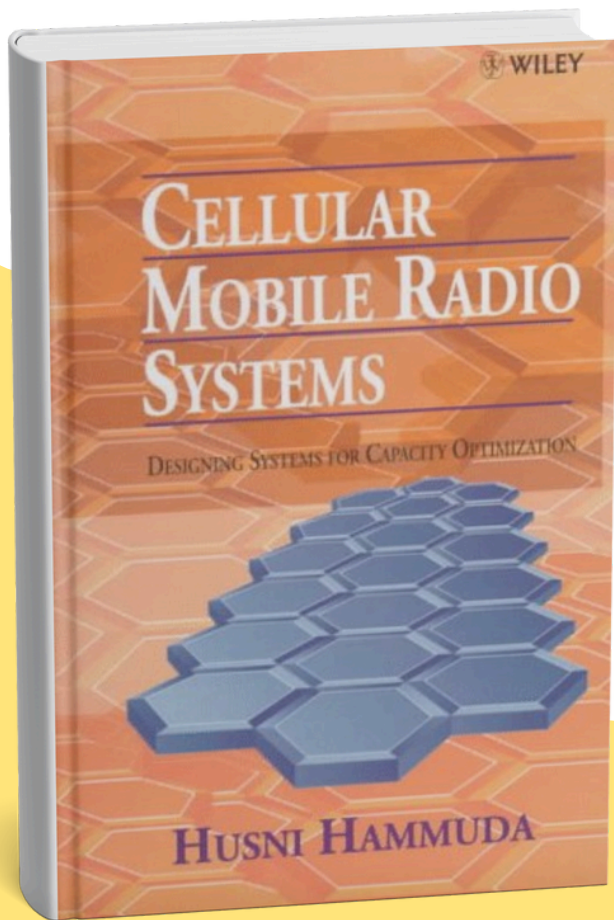


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### Bibliographic Details

- **Author:** Husni Hammuda
- **Publisher:** Wiley
- **Year :** 1997
- **ISBN:** 9780471956419
- **Pages:** 198p.
- **Call No:** 621.3845 HA-C

## Cellular Mobile Radio Systems: Designing Systems for Capacity Optimization

### About the Book

*Most radio systems have become so popular that the available frequency bands are able to meet only a fraction of the demand. This book gives practical solutions for optimizing efficiency of mobile radio cells.*

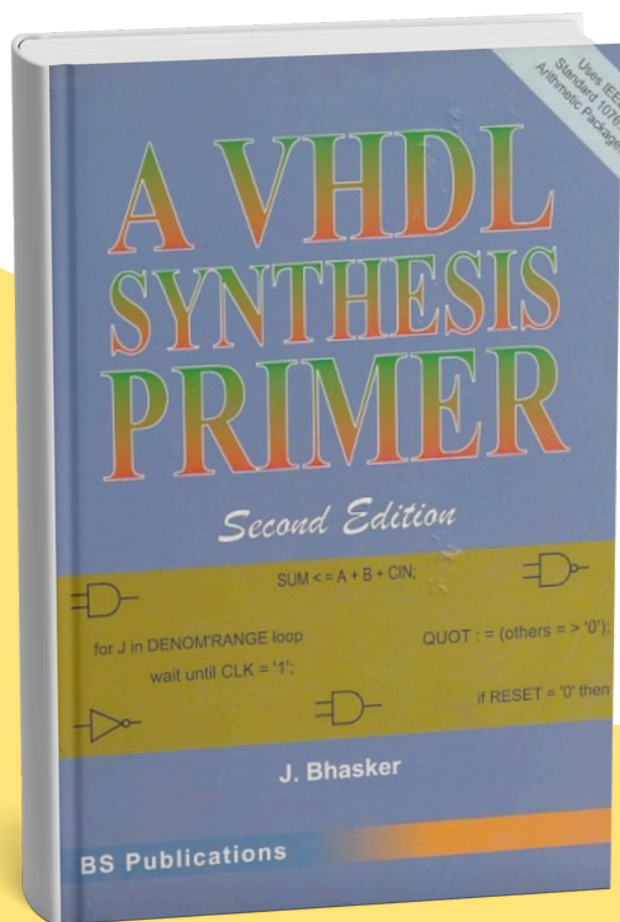
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### Bibliographic Details

- **Author:** J. Bhasker
- **Publisher:** BS Publications
- **Year :** 2025
- **ISBN:** 9788178000145
- **Pages:** 296p.
- **Call No:** 621.395 BH-V

## VHDL Synthesis Primer

### About the Book

VHDL synthesis with **"A VHDL Synthesis Primer."** This essential guide is a treasure trove for novices looking to master the art of synthesis using VHDL. Unravel the mysteries behind simulation mismatches and discover expert tips on optimizing synthesis results. Delve into the fascinating process of translating VHDL into logic gates, and explore the nuances of describing hardware elements in synthesizable VHDL. Perfect for aspiring engineers and tech enthusiasts, this primer promises to be a valuable companion on your journey to VHDL proficiency.

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## Bibliographic Details

- **Author:** Simon Haykin
- **Publisher:** Wiley India
- **Year :** 2022
- **ISBN:** 9789354640896
- **Pages:** 596p.
- **Call No:** 621.382 HA-C

# Communication Systems

## About the Book

This best-selling **Communication Systems** textbook continues to include the most comprehensive and rigorous coverage of both analog and digital communications. In addition to being the most up-to-date communications text available, the book lays an emphasis on the statistical underpinnings of communication theory with applications. The book presents material in a logical manner, and is illustrated with numerous examples, with the overall aim being that of helping the student develop an intuitive grasp of the theory under discussion.

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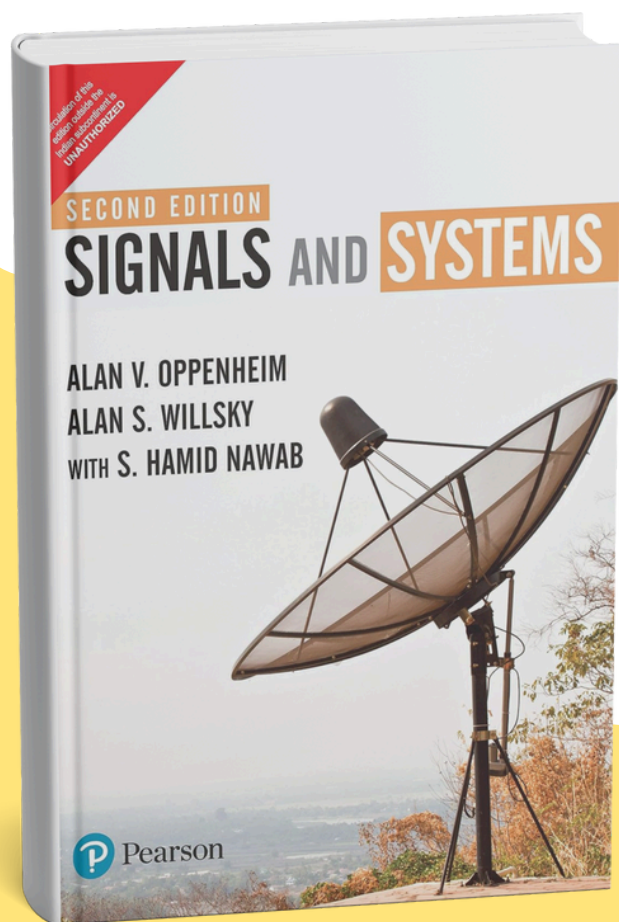


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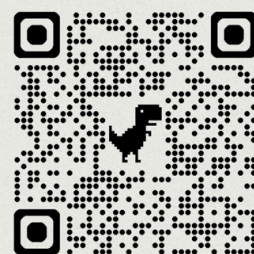
- **Author:** Alan V. Oppenheim
- **Publisher:** Pearson
- **Year :** 2015
- **ISBN:** 9789332550230
- **Pages:** 944p.
- **Call No:** 621.3820 OP-S

## Signals and Systems

### About the Book

This comprehensive exploration of **signals and systems** develops continuous-time and discrete-time concepts/methods in parallel highlighting the similarities and differences and features introductory treatments of the applications of these basic methods in such areas as filtering, communication, sampling, discrete-time processing of continuous-time signals and feedback. Relatively self-contained, the text assumes no prior experience with system analysis, convolution, Fourier analysis or Laplace and z-transforms

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### Bibliographic Details

- **Author:** Anand Neelakantan
- **Publisher:** Leadtsart Publishing
- **Year :** 2013
- **ISBN:** 9789381576045
- **Pages:** 529p.
- **Call No:** 823.92 NE-R

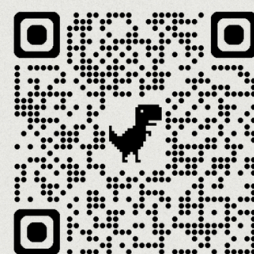
## Rise Of Kali: Ajaya Epic of the Kaurava Clan Book 2

### About the Book

The Epic Mahabharata endures as one of the greatest Indian stories ever told. But while Jaya is the story of the Pandavas, told from the perspective of the victors of Kurukshetra, the Ajaya series is the narrative of the unconquerable Kaurava, who were all decimated to the last man.

From the pen of the author who gave voice to Ravana in the national bestseller, Asura, comes the riveting narrative which compels us to question the truth behind the Mahabharatam. As the Pandavas stake their claim to the Hastinapura throne, the Kaurava Crown Prince, Suyodhana, rises to challenge Krishna. As great minds debate dharma and adharma, power hungry men prepare for an apocalyptic war.

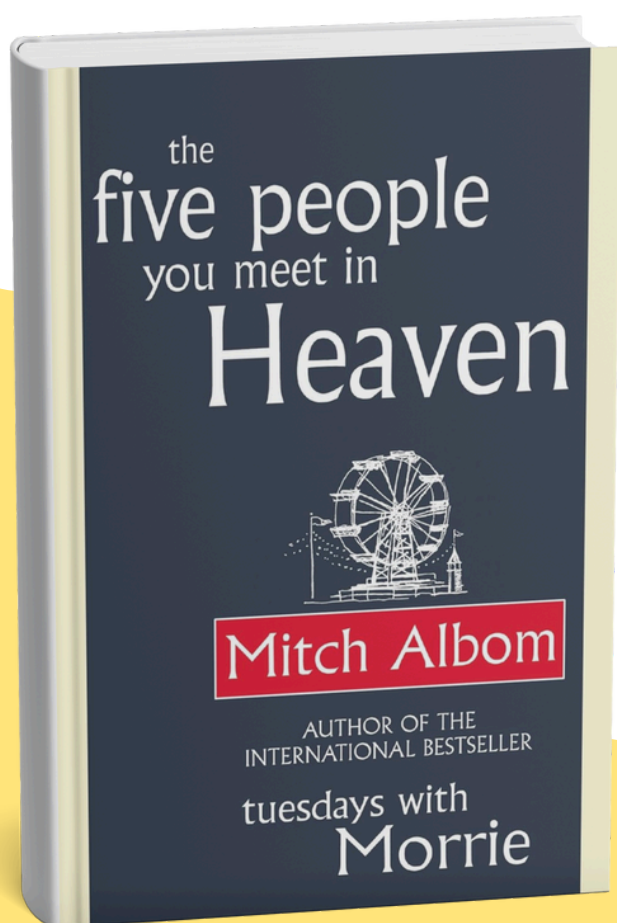
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### Bibliographic Details

- **Author:** Mitch Albom
- **Publisher:** Sphere
- **Year :** 2003
- **ISBN:** 9780751536140
- **Pages:** 231p.
- **Call No:** 813.6 AL-F

## Five People You Meet In Heaven

### About the Book

**THE FIVE PEOPLE YOU MEET IN HEAVEN** is a wonderfully moving fable that addresses the meaning of life, and life after death, in the poignant way that made **"TUESDAYS WITH MORRIE"** such an astonishing book. The novel's protagonist is an elderly amusement park maintenance worker named Eddie who, while operating a ride called the 'Free Fall', dies while trying to save a young girl who gets in the way of a falling cart that hurtles to earth. Eddie goes to heaven, where he meets five people who were unexpectedly instrumental in some way in his life. While each guide takes him through heaven, Eddie learns a little bit more about what his time on earth meant, what he was supposed to have learned, and what his true purpose on earth was.

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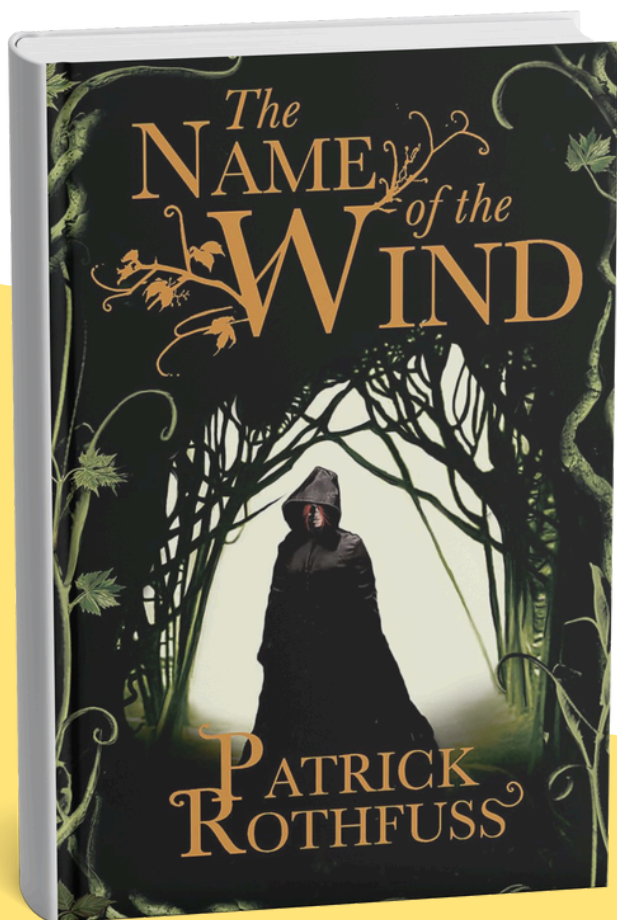


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Compiled by :

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### Bibliographic Details

- **Author:** Rothfuss Patrick
- **Publisher:** Daw Books
- **Year :** 2007
- **ISBN:** 9780575081406
- **Pages:** 661p.
- **Call No:** 813.6 RO-N

## Name of the Wind

### About the Book

'My name is Kvothe. You may have heard of me.' So begins the tale of Kvothe – currently known as Kote, the unassuming innkeeper – from his childhood in a troupe of travelling players, through his years spent as a near-feral orphan in a crime-riddled city, to his daringly brazen yet successful bid to enter a difficult and dangerous school of magic.

In these pages you will come to know Kvothe the notorious magician, the accomplished thief, the masterful musician, the dragon slayer, the legend-hunter, the lover, the thief and the infamous assassin.

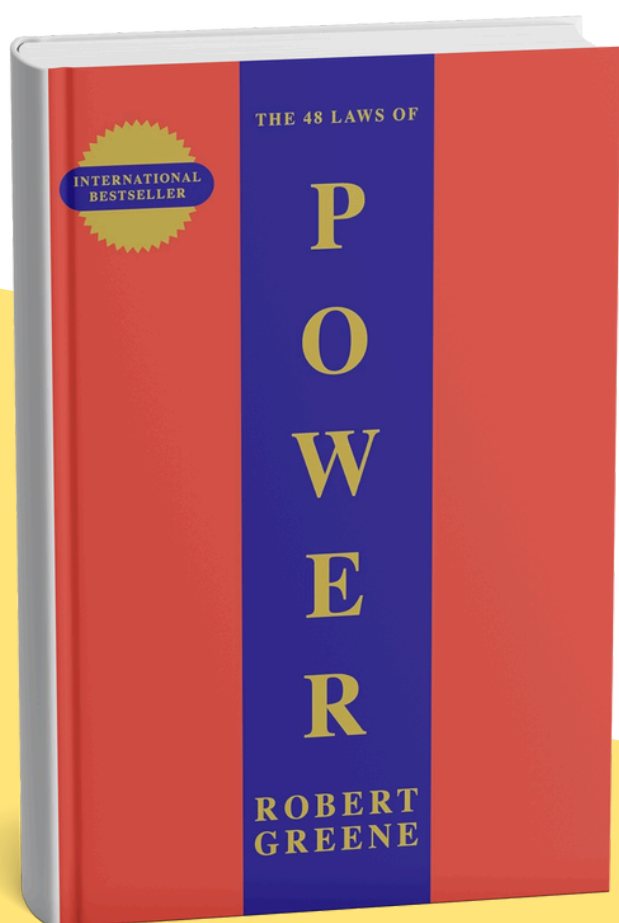
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Compiled by :

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## Bibliographic Details

- **Author:** Robert Greene
- **Publisher:** Profile Books
- **Year :** 1998
- **ISBN:** 9781861972781
- **Pages:** 452p.
- **Call No:** 303.3 GR-F

# 48 Laws of Power

## About the Book

Drawn from 3,000 years of the history of power, this is the definitive guide to help readers achieve for themselves what Queen Elizabeth I, Henry Kissinger, Louis XIV and Machiavelli learnt the hard way.

**Law 1:** *Never outshine the master*

**Law 2:** *Never put too much trust in friends; learn how to use enemies*

**Law 3:** *Conceal your intentions*

**Law 4:** *Always say less than necessary.*

The text is bold and elegant, laid out in black and red throughout and replete with fables and unique word sculptures.

The 48 laws are illustrated through the tactics, triumphs and failures of great figures from the past who have wielded – or been victimised by – power.

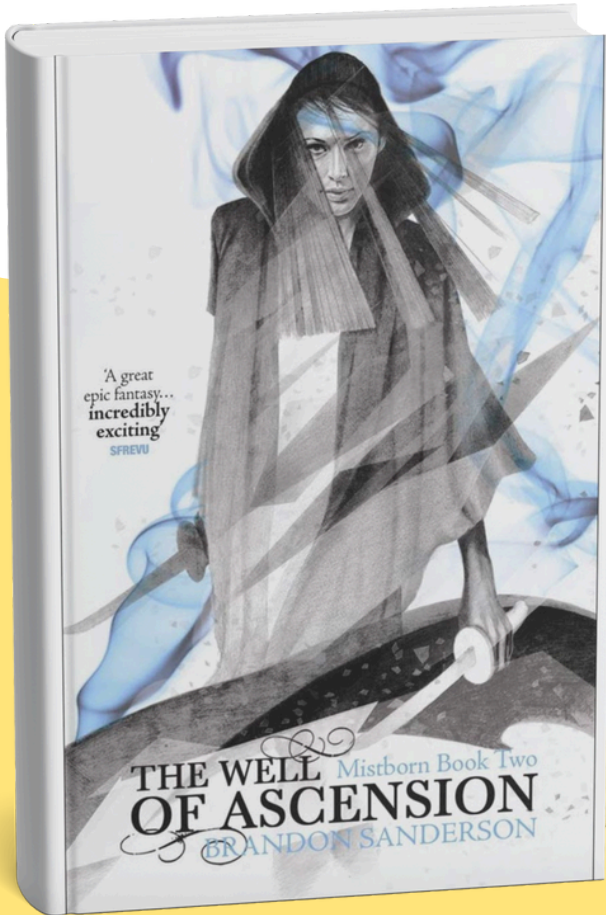
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ACQUISITION SECTION, NNCL



### Bibliographic Details

- **Author:** Brandon Sanderson
- **Publisher:** Orion Publishing Group
- **Year :** 2007
- **ISBN:** 9780575089938
- **Pages:** 781p.
- **Call No:** 813.6 SA-W

## Well of Ascension

### About the Book

Vin, the street urchin who has grown into the most powerful Mistborn in the land, and Elend Venture, the idealistic young nobleman who loves her, must build a healthy new society in the ashes of an empire. Three separate armies attack. As the siege tightens, an ancient legend seems to offer a glimmer of hope. But even if it really exists, no one knows where to find the Well of Ascension or what manner of power it bestows.

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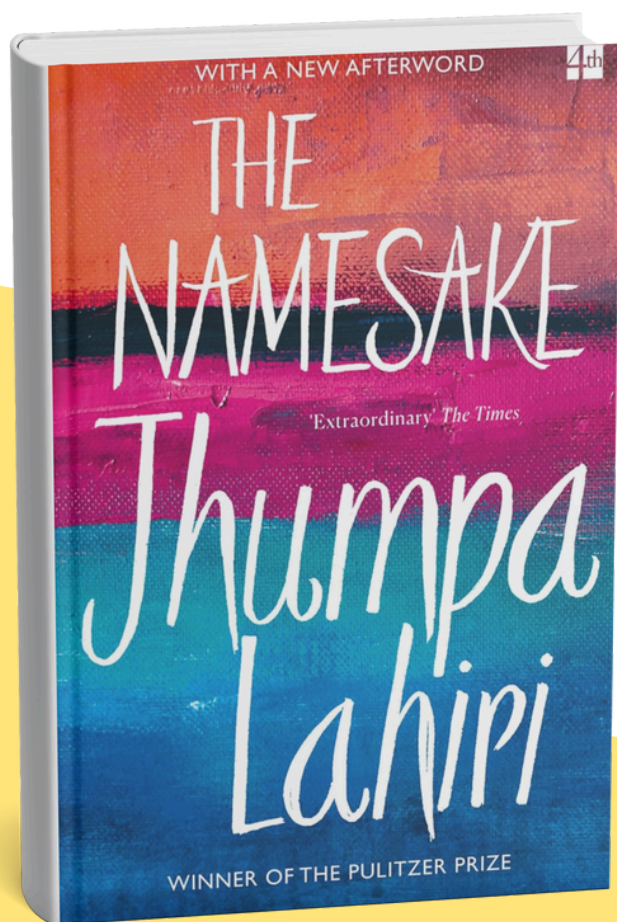


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## Bibliographic Details

- **Author:** Jhumpa Lahiri
- **Publisher:** Harper Collins Publishers
- **Year :** 2003
- **ISBN:** 9780007258918
- **Pages:** 291p.
- **Call No:** 813.54 LA-N

# Namesake

## About the Book

**The Namesake** is the Pulitzer Prize winning novel written by the acclaimed writer Jhumpa Lahiri. It is the story of an Indian-American boy who dislikes his name, which later happens to represent a conflict of cultural identity.

When her grandmother learned of Ashima's pregnancy, she was particularly thrilled at the prospect of naming the family's first child. His father decides to nickname him Gogol after his favourite writer. Brought up as an Indian in suburban America, Gogol Ganguli soon finds himself itching to cast off his awkward name. And so he sets off on his own path through life, a path strewn with conflicting loyalties, love and loss.

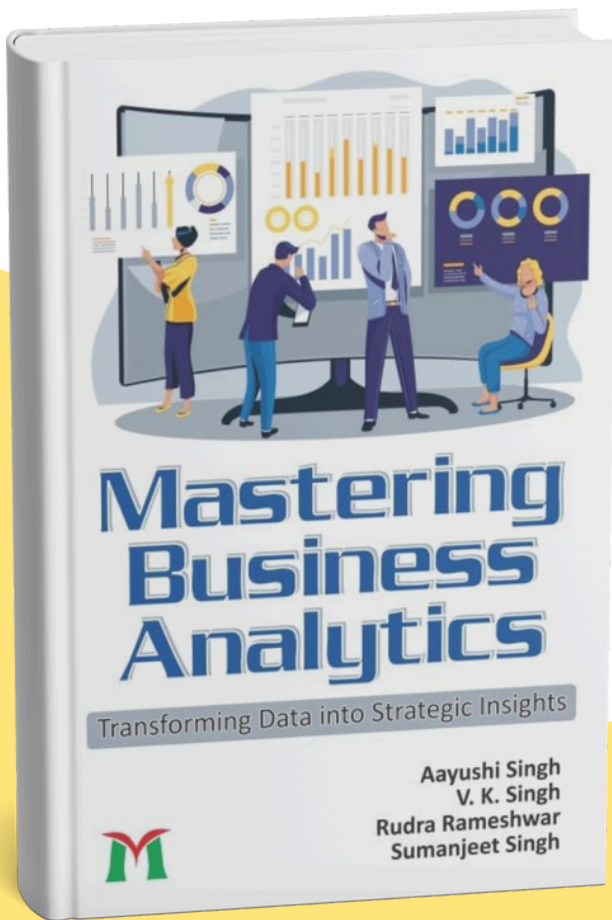
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## Bibliographic Details

- **Author:** Aayushi Singh
- **Publisher:** Misha Books
- **Year :** 2025
- **ISBN:** 9789391597627
- **Pages:** 278p.
- **Call No:** 658.401 SI-M

# Mastering Business Analytics

## About the Book

This comprehensive guide delves deep into the art and science of turning raw data into actionable intelligence that drives growth, innovation, and success. Whether you're a business leader, analyst, or strategist, this book is your essential companion to navigating the dynamic world of business analytics.

Explore the core pillars of analytics—Descriptive, Diagnostic, Predictive, and Prescriptive—and discover how to harness their power to make data-driven decisions.

**You'll gain insights into:-**

- The fundamentals of data collection, management, and visualization. Tools and techniques for uncovering root causes, forecasting trends, & optimizing outcomes.

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### Bibliographic Details

- **Author:** Karminder Ghuman
- **Publisher:** Bluerose Publishers
- **Year :** 2023
- **ISBN:** 9789359898285
- **Pages:** 139p.
- **Call No:** 658.15 GH-H

## How to Manage Finance @ Startup: What every Startup Founder

### About the Book

It's vital for startup founders to understand how to wisely deploy their funds and undertake financial decision-making. This book covers all aspects like budgeting, financial planning, costing, pricing, capital structure, capital budgeting, investment decision-making, accounting, financial management, taxation, corporate governance, ethical practices, and usage of technology in finance and can guide startup founders with a tech or non-finance background regarding how to manage finance at their startups. Managing the finances is a vital skill that startup founders must develop because, at the initial stages, there is a lack of full-time competent finance professionals on their payrolls.

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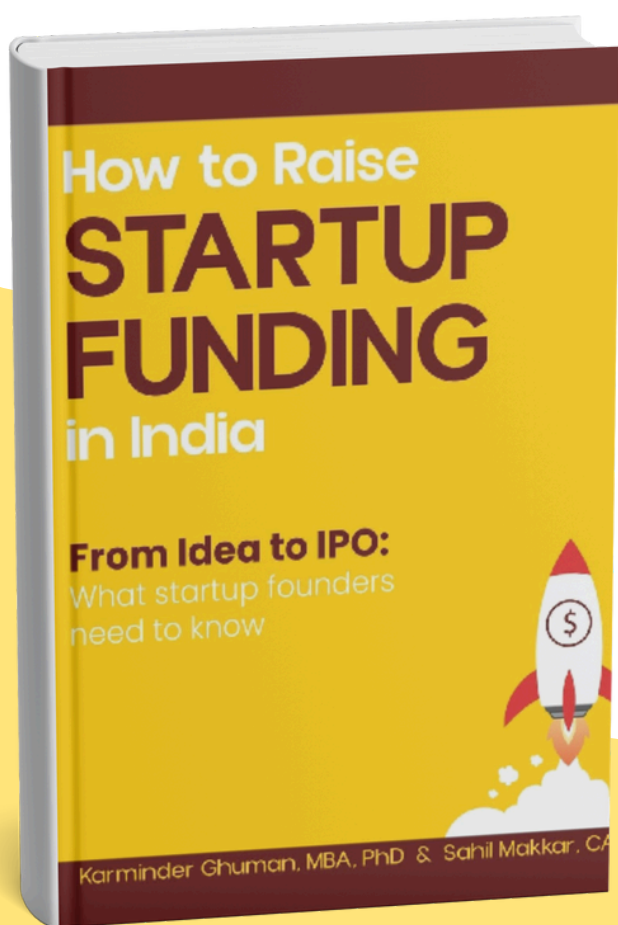


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### Bibliographic Details

- **Author:** Karminder Ghuman
- **Publisher:** Bluerose Publishers
- **Year :** 2023
- **ISBN:** 9789358199277
- **Pages:** 261p.
- **Call No:** 658.11 GH-H

## How to Raise Startup Funding in India : From Idea to IPO

### About the Book

This comprehensive book based on the rich practical experience of Head of an Incubator and CEO, of an angel network aims to guide startup founders regarding how to secure government grants and schemes as well as raise debt and equity funding in the Indian context. It starts with outlining entrepreneurship ecosystem in India and maps it to a startup's journey in terms of raising funding. It can help startup founders how to undertake startup planning from the perspective of debt and equity financing. It has rich content to guide startup founders on how to prepare their pitch, identify angel networks, and various nuances associated with pitching.

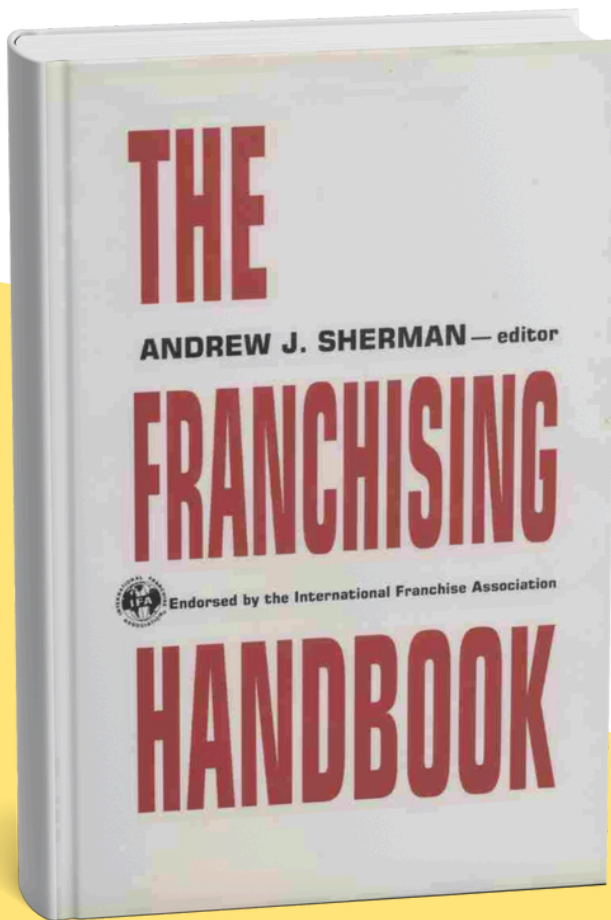
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### Bibliographic Details

- **Author:** Andrew J. Sherman
- **Publisher:** American Management Association
- **Year :** 1993
- **ISBN:** 9780814401187
- **Pages:** 510p.
- **Call No:** 658.8708 SH-F

## Franchising Handbook

### About the Book

The first comprehensive resource of its kind, The Franchising Handbook reflects the latest approaches to management, operations marketing, and financial and legal issues. Organized for easy reference and with forms and checklists to clarify key concepts, the book covers a host of topics, including developing an effective training program; managing quality control; creating an operations manual; the role of computers; site selection; demographic and marketing analysis; the franchisor-franchisee relationship; franchisee advisory councils; developing sales and marketing plans; advertising and public relations; negotiating commercial leases; trends and developments in international franchising; and trends in franchising education.

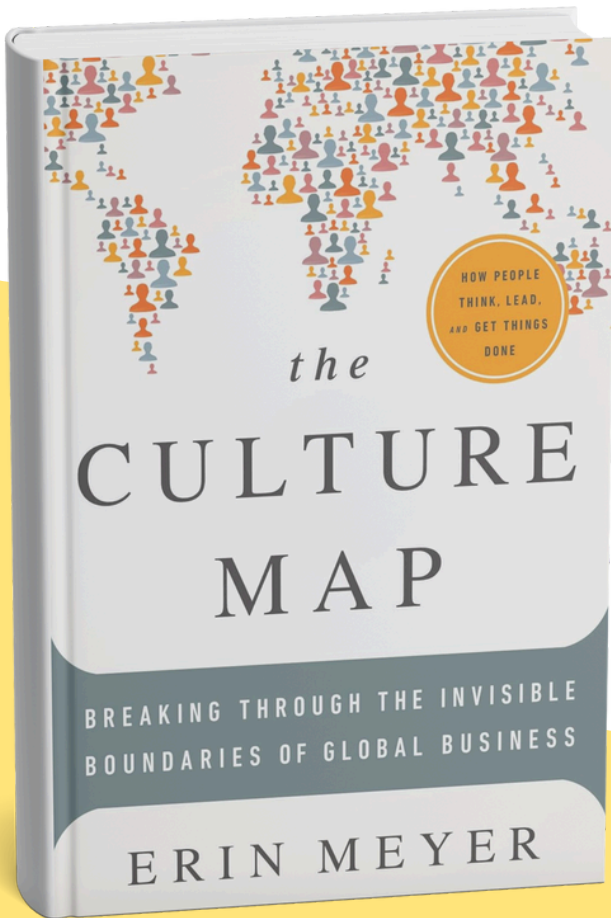
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### Bibliographic Details

- **Author:** Erin Meyer
- **Publisher:** PublicAffairs
- **Year :** 2014
- **ISBN:** 9781610392501
- **Pages:** 277p.
- **Call No:** 658.049 ME-C

## Culture Map:

### About the Book

Whether you work in a home office or abroad, business success in our ever more globalized and virtual world requires the skills to navigate through cultural differences and decode cultures foreign to your own. Renowned expert Erin Meyer is your guide through this subtle, sometimes treacherous terrain where people from starkly different backgrounds are expected to work harmoniously together.

In *The Culture Map*, Erin Meyer provides a field-tested model for decoding how cultural differences impact international business. She combines a smart analytical framework with practical, actionable advice for succeeding in a global world.

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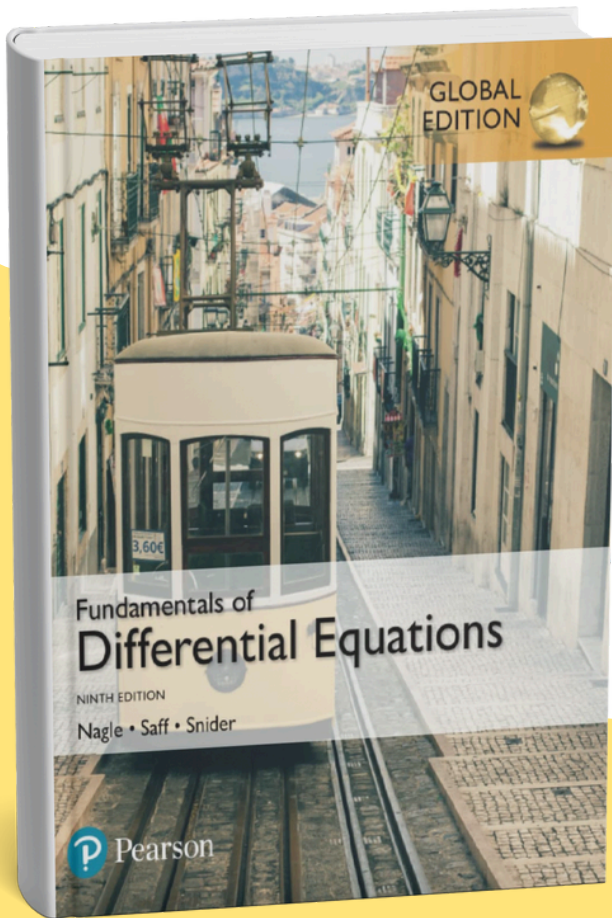


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### Bibliographic Details

- **Author:** Kent R. Nagle
- **Publisher:** Pearson Education
- **Year :** 2019
- **ISBN:** 9781292240992
- **Pages:** 717p.
- **Call No:** 515.35 NA-F

## Fundamentals of Differential Equation

### About the Book

***Fundamentals of Differential Equations presents*** the basic theory of differential equations and offers a variety of modern applications in science and engineering. This flexible text allows instructors to adapt to various course emphases (theory, methodology, applications, and numerical methods) and to use commercially available computer software.

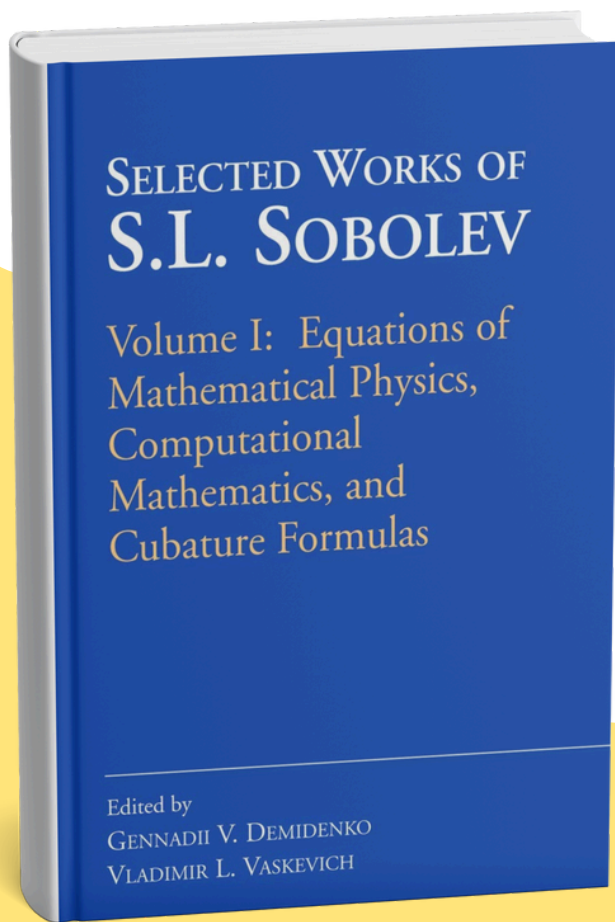
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### Bibliographic Details

- **Author:** Gennadii V. Demidenko
- **Publisher:** Springer
- **Year :** 2006
- **ISBN:** 9780387341484
- **Call No:** 510 DE-S

### Vol.1 : Equations of Mathematical Physics, Computational Mathematics, and Cubature Formulas

### About the Book

*The topics covered in this volume include Sobolev's fundamental works on equations of mathematical physics, computational mathematics, and cubature formulas. Some of the articles are generally unknown to mathematicians because they were published in journals that are difficult to access. This is the first appearance in English of many works by this important Russian mathematician.*

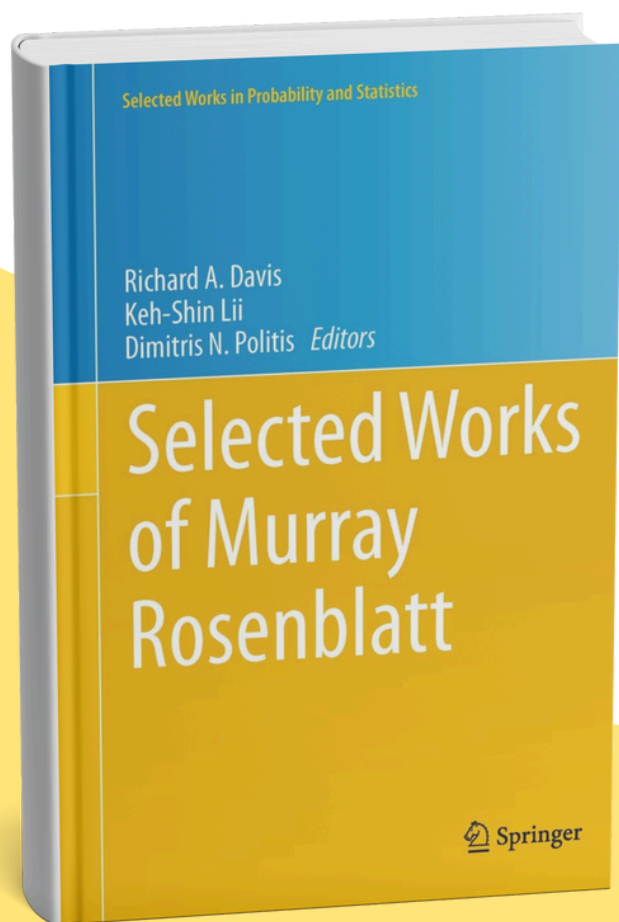
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### Bibliographic Details

- **Author:** Richard A. Davis
- **Publisher:** Springer
- **Year :** 2011
- **ISBN:** 9781441983381
- **Pages:** 1348p.
- **Call No:** 519.2 DA-S

## Selected Works of Murray Rosenblatt

### About the Book

*During the second half of the 20th century, Murray Rosenblatt was one of the most celebrated and leading figures in probability and statistics. Among his many contributions, Rosenblatt conducted seminal work on density estimation, central limit theorems under strong mixing conditions, spectral domain methodology, long memory processes and Markov processes. He has published over 130 papers and 5 books.*

This volume is a celebration of Murray Rosenblatt's stellar research career that spans over six decades, and includes some of his most interesting and influential papers. Several leading experts provide commentary and reflections on various directions of Murray's research portfolio.

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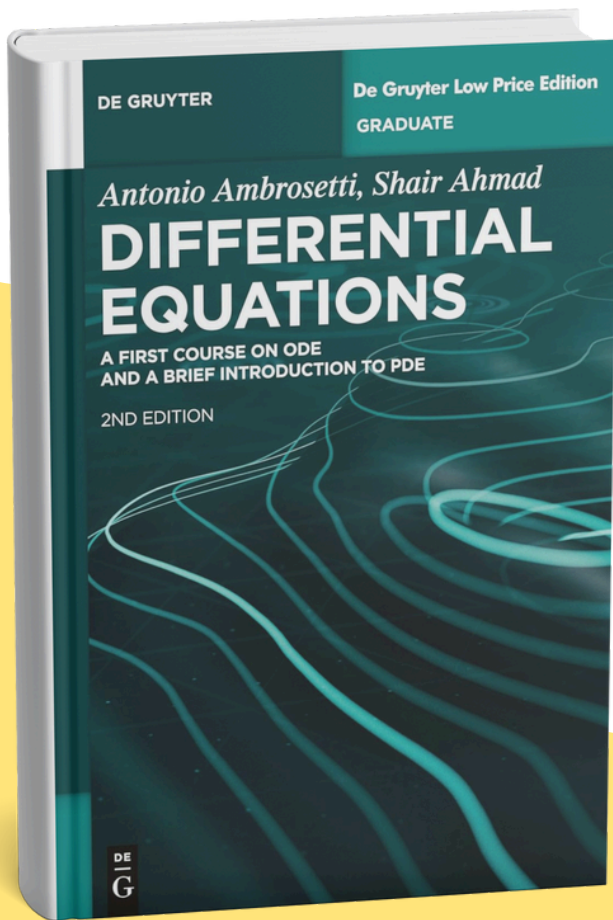
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### Bibliographic Details

- **Author:** Antonio Ambrosetti
- **Publisher:** De Gruyter
- **Year :** 2024
- **ISBN:** 9783111699905
- **Pages:** 361p.
- **Call No:** 515.35 AM-D

# Differential Equations

## About the Book

The first part of this book is mainly intended as a textbook for students at the Sophomore–Junior level, majoring in mathematics, engineering, or the sciences in general. The book includes the basic topics in Ordinary Differential Equations, normally taught at the undergraduate level, such as linear and nonlinear equations and systems, Bessel functions, Laplace transform, stability, etc.

The 2nd edition also includes some new problems and examples. An effort has been made to make the material more suitable and self-contained for undergraduate students with minimal knowledge of Calculus. For example, a detailed review of matrices and determinants has been added to the chapter on systems of equations.

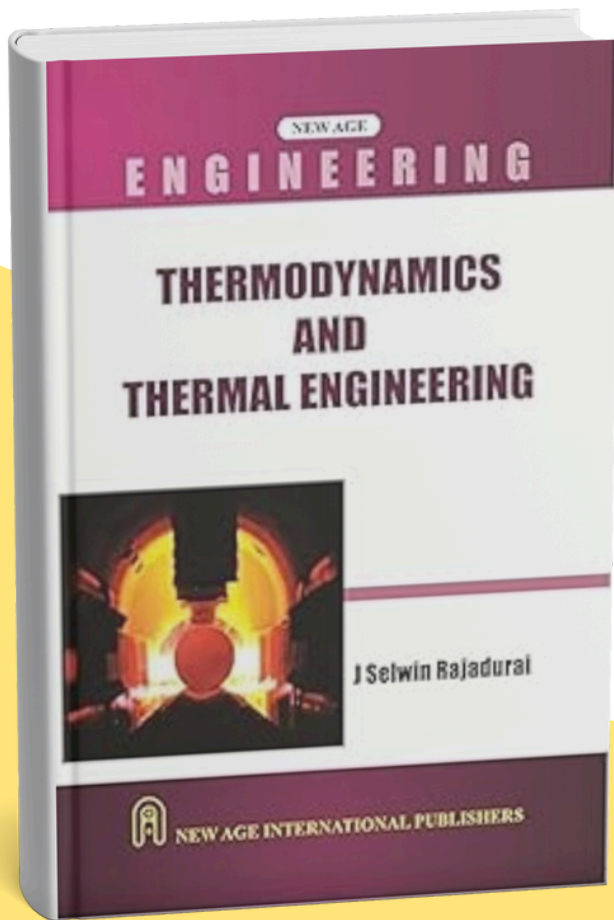
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### Bibliographic Details

- **Author:** J.Selwin Rajadurai
- **Publisher:** New age international
- **Year :** 2003
- **ISBN:** 9788122414936
- **Pages:** 1060p.
- **Call No:** 621.40221 RA-T

## Thermodynamics and Thermal Engineering

### About the Book

***Thermodynamics and Thermal Engineering***, a core text in SI units, meets the complete requirements of the students of Mechanical Engineering in all universities. Ultimately, it aims at aiding the students genuinely understand the basic principles of thermodynamics and apply those concepts to practical problems confidently. It provides a clear and detailed exposition of basic principles of thermodynamics. Concepts like enthalpy, entropy, reversibility and availability are presented in depth and in a simple manner. Important applications of thermodynamics like various engineering cycles and processes are explained in detail. Introduction to latest topics are given at the end.

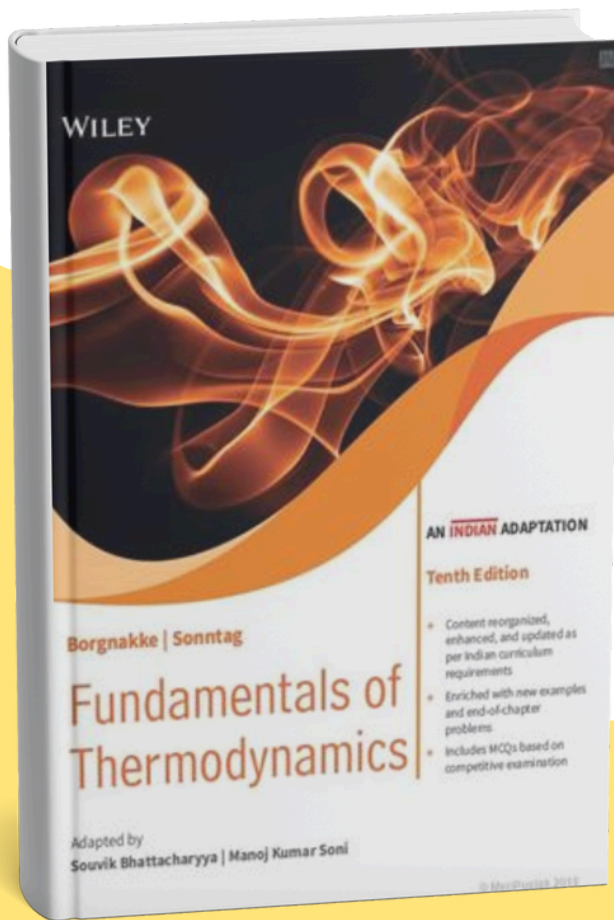
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### Bibliographic Details

- **Author:** Claus Borgnakke
- **Publisher:** John Wiley and Sons
- **Year :** 2022
- **ISBN:** 9789354642210
- **Pages:** 771p.
- **Call No:** 621.4021 BO-F

## Fundamentals of Thermodynamics

### About the Book

**Borgnakke's *Fundamentals of Engineering Thermodynamics* offers an in-depth introduction to essential principles of thermodynamics with a focus on their practical applications across a variety of engineering fields. It lays the foundation for subsequent studies in such fields as fluid mechanics, heat transfer, and statistical thermodynamics. The Tenth Edition of the book retains its characteristic rigor and systematic approach to thermodynamics with enhanced pedagogical features that aid in student comprehension.**

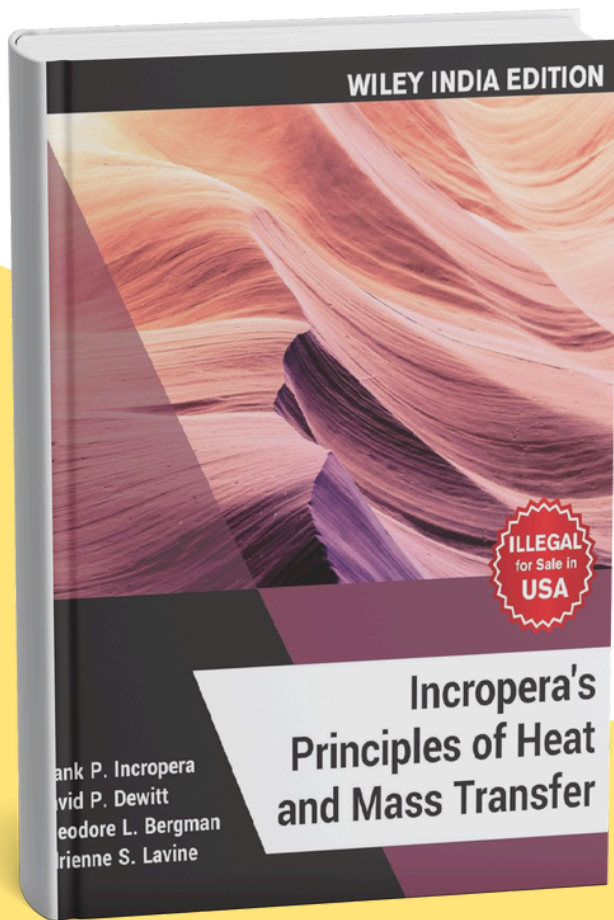
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### Bibliographic Details

- **Author:** Frank P. Incropera
- **Publisher:** Wiley
- **Year :** 2017
- **ISBN:** 9788126578245
- **Pages:** 978p.
- **Call No:** 621.4022 IN-P

## Incropera's Principles Of Heat And Mass Transfer

### About the Book

***Incropera's Fundamentals of Heat and Mass Transfer*** has been the gold standard of heat transfer pedagogy for many decades, with a commitment to continuous improvement by four authors' with more than 150 years of combined experience in heat transfer education, research and practice. Applying the rigorous and systematic problem-solving methodology that this text pioneered an abundance of examples and problems reveal the richness and beauty of the discipline. This edition makes heat and mass transfer more approachable by giving additional emphasis to fundamental concepts, while highlighting the relevance of two of today's most critical issues: energy and the environment.

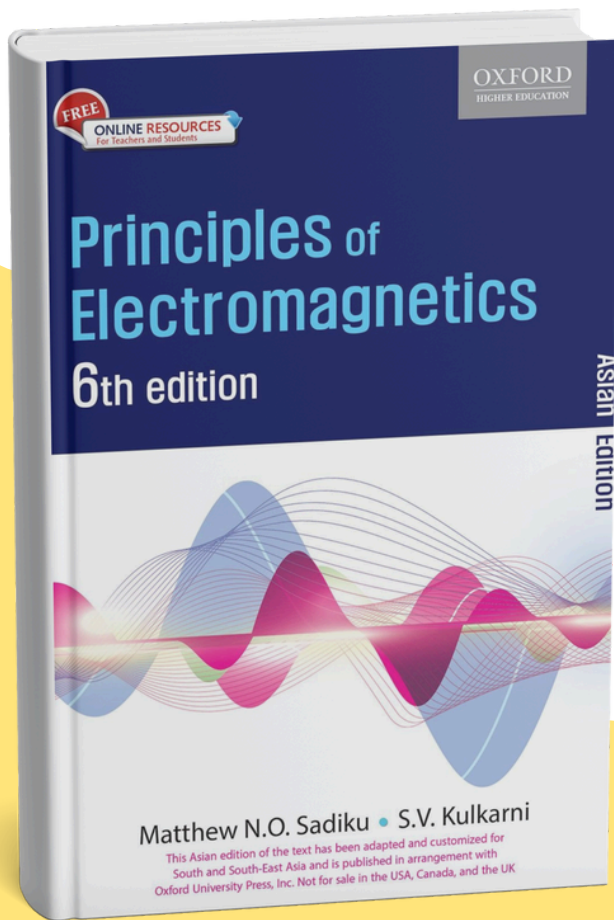
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## Bibliographic Details

- **Author:** Matthew Sadiku
- **Publisher:** Oxford University Press
- **Year :** 2015
- **ISBN:** 9780199461851
- **Pages:** 888p.
- **Call No:** 537 SA-P

# Principles of Electromagnetics

## About the Book

***Principles of Electromagnetics, sixth edition***, is designed to serve as a textbook for undergraduate students of electrical and electronics engineering. Description: Divided into five Parts, the book provides an overview of vector analysis and mathematical concepts in Part 1. It then uses a vectors-first approach to explain electrostatics and magneto statics in Parts 2 and 3, respectively. Part 4 provides a balanced presentation of time-varying fields, waves, and applications such as transmission lines, waveguides, and antennas. As most practical problems can be solved by means of numerical techniques, the last Part of the book covers the different numerical methods with practical applications and MATLAB programs.

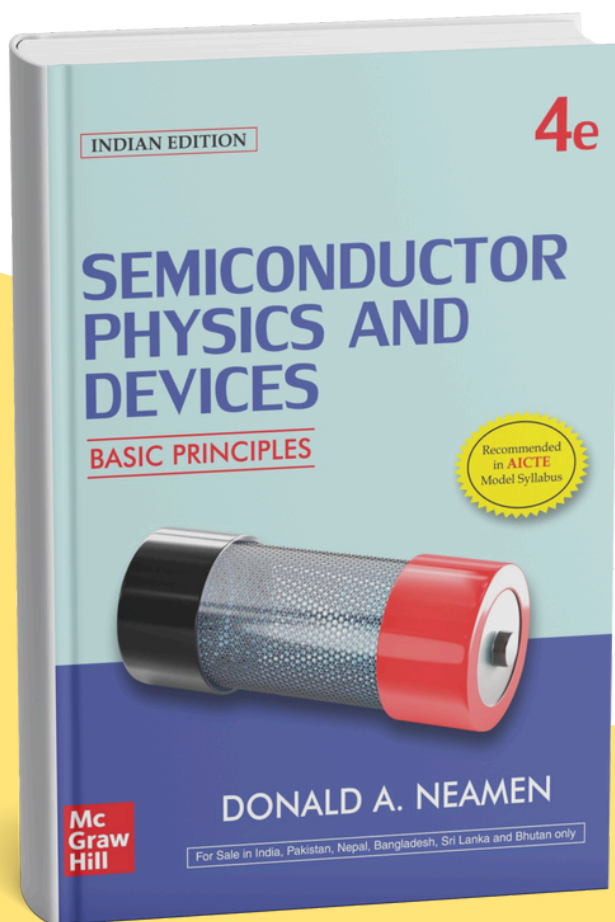
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### Bibliographic Details

- **Author:** Donald A. Neamen
- **Publisher:** McGraw Hill Education
- **Year :** 2024
- **ISBN:** 9789354601125
- **Pages:** 758p.
- **Call No:** 537.622 NE-S

## Semiconductor Physics and Devices: Basic Principles

### About the Book

This book provides a basis for understanding the characteristics, operation and limitations of semiconductor devices. **Neamen's Semiconductor Physics and Devices** deals with the electrical properties and characteristics of semiconductor materials and devices. The goal of this book is to bring together quantum mechanics, the quantum theory of solids, semiconductor material physics and semiconductor device physics in a clear and understandable way.

#### Salient Feature:-

- Extensive Coverage of Physics and Quantum Theory in chapters 2 and 3 thereby preparing students for a deeper understanding in developing new semiconductor devices.

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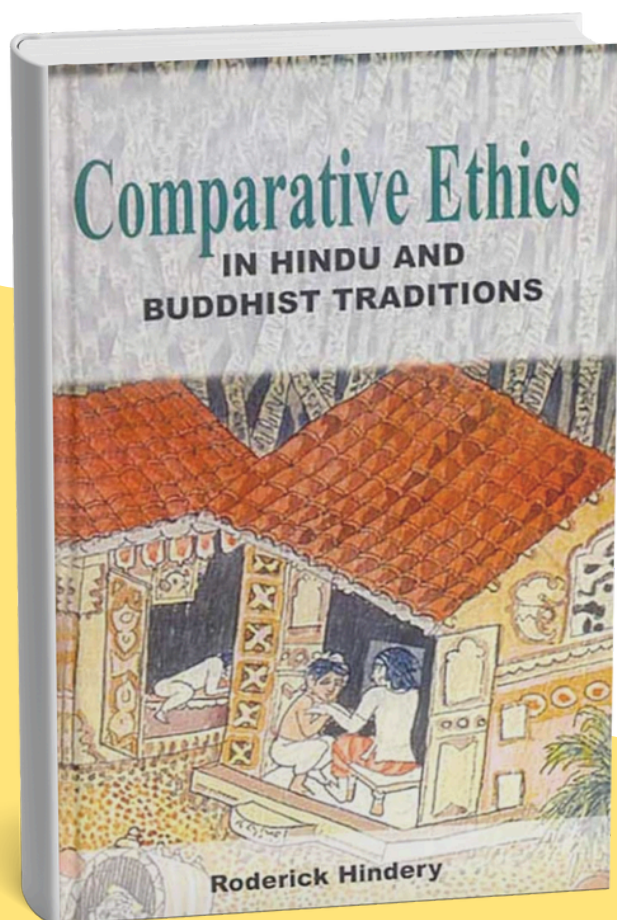
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### Bibliographic Details

- **Author:** Roderick Hindery
- **Publisher:** Motilal Banarsidass Publishers
- **Year :** 2017
- **ISBN:** 9788120808669
- **Pages:** 307p.
- **Call No:** 294.5 HI-C

## Comparative Ethics in Hindu and Buddhist Traditions

### About the Book

The exploratory volume in the new field of comparative ethics serves the diverse goals of groups variously interested in International law and morality, in comparative religious ethical ideals, or simply in cross-cultural literature and drama. The author draws moral ideals from primary Hindu sources--popular and formal, literary and spiritual. The same method is applied for Buddhist moral texts. Introducing method in comparative ethics with a synopsis of Hindu mystical tradition, the author discusses in detail ethics in the Rgveda, Upanisads, Laws of Manu, Ramayana, Gita, other popular classics, poetry, drama, philosophers, and reformers. After summarizing pluralism in Hindu ethics, the author sketches ethical thought in Mahayana Buddhist texts.

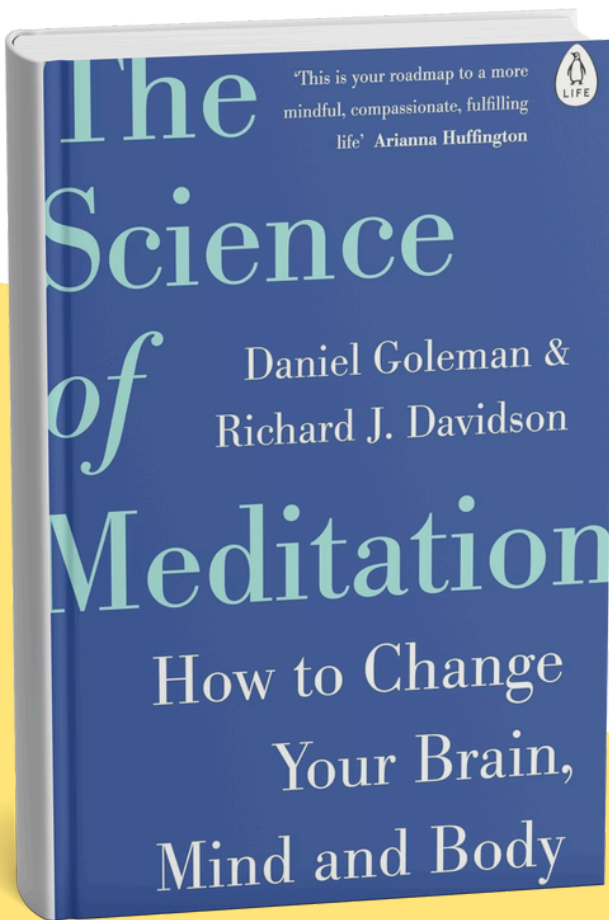
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### Bibliographic Details

- **Author:** Daniel Goleman
- **Publisher:** Penguin Life
- **Year :** 2017
- **ISBN:** 9780241975695
- **Pages:** 330p.
- **Call No:** 294.548 GO-S

## Science of Meditation: How to Change Your Brain, Mind and Body

### About the Book

Demonstrating two master thinkers at work, *The Science of Meditation* explains precisely how mind training benefits us. More than daily doses or sheer hours, we need smart practice, including crucial ingredients such as targeted feedback from a master teacher and a more spacious worldview. These two bestselling authors sweep away the misconceptions around these practices and show how smart practice can change our personal traits and even our genome for the better.

They share for the first time remarkable findings that show how meditation – without drugs or high expense – can cultivate qualities such as selflessness, equanimity, love and compassion, and redesign our neural circuitry.

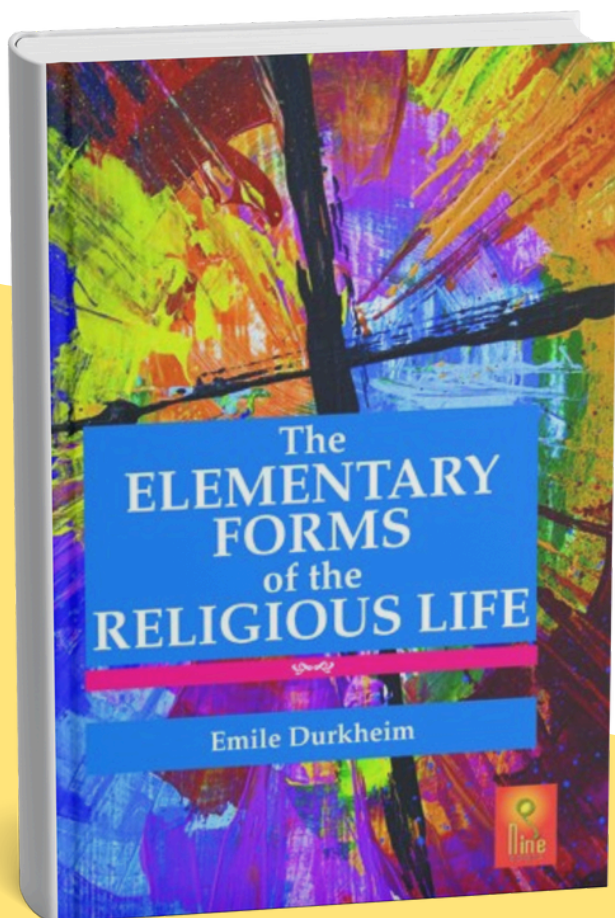
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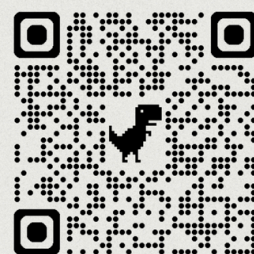
- **Author:** Emile Durkheim
- **Publisher:** Nine Books
- **Year :** 2015
- **ISBN:** 9789352290581
- **Pages:** 537p.
- **Call No:** 291.2 DU-E

## Elementary Forms of the Religious Life

### About the Book

In this book we propose to study the most primitive and simple religion which is actually known, to make an analysis of it, and to attempt an explanation of it. A religious system may be said to be the most primitive which we can observe when it fulfils the two following conditions: in the first place, when it is found in a society whose organization is surpassed by no others in simplicity; and secondly, when it is possible to explain it without making use of any element borrowed from a previous religion.

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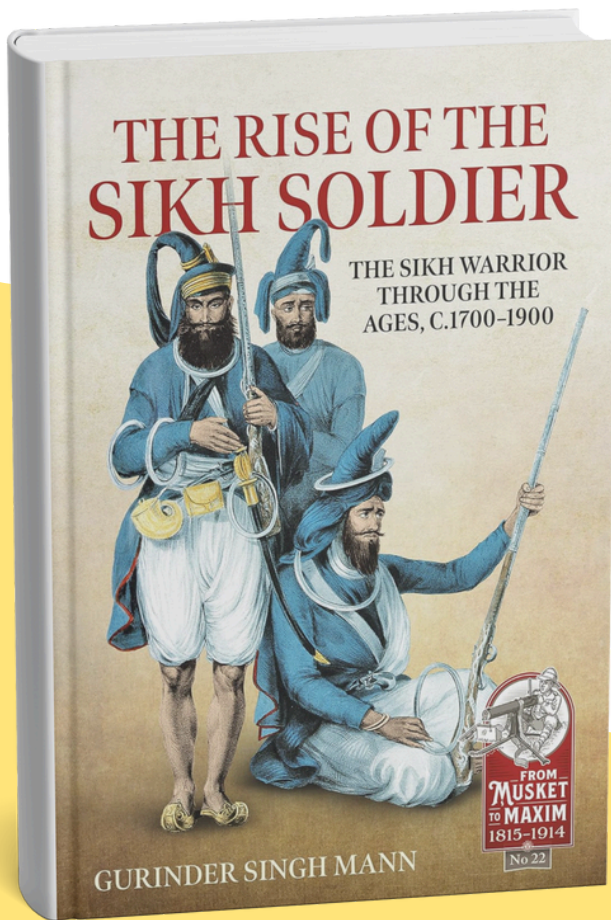


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### Bibliographic Details

- **Author:** Gurinder Singh
- **Publisher:** Helion & Company
- **Year :** 2022
- **ISBN:** 9781915070524
- **Pages:** 265p.
- **Call No:** 294.609 MA-R

## Rise of Sikh Soldier : The Sikh Warrior Through the Ages, C.1700-1900

### About the Book

This book considers the rise of military methods from the time of the Gurus, and what the tenth preceptor Guru Gobind Singh was trying to achieve with the formation of the Khalsa, or fraternity of the pure. The development of saint soldiers during the testing time of the Misl, or Confederacy period, considers the role of Jassa Singh Ahluwalia and Charat Singh Sukerchakia. The author also looks at the formation of the Sikh Empire in the nineteenth century, and considers the role of Maharajah Ranjit Singh, and his notorious warriors Akali Phula Singh and Hari Singh Nalwa. Underrepresented female warriors, such as Sahib Kaur and Sada Kaur, are also given coverage to reflect their important, but largely forgotten, part in Sikh history.

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# HIGHEST IMPACT FACTOR JOURNAL ARTICLE

## SOCIAL NETWORK ANALYSIS: A SURVEY ON PROCESS, TOOLS, AND APPLICATION

- ACM Computing Surveys, Volume 56, Issue 8  
Article No.: 192, Pages 1 – 39



### Social Network Analysis: A Survey on Process, Tools, and Application

Due to the explosive rise of online social networks, social network analysis (SNA...

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and Application

SURVEY

### Social Network Analysis: A Survey on Process, Tools

Authors: Shashank Sheshar Singh, Samya Muhuri, Shivansh Mishra, Divya Shakya, Neeraj Kumar | [Authors Info & Claims](#)

ACM Computing Surveys, Volume 56, Issue 8 • Article No.: 192, Pages 1 - 39 • <https://doi.org/>

Published: 10 April 2024 [Publication History](#)

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IF (2024)=28.0  
(Rank 1/ 147)









## **PHD THESIS SUBMITTED IN THIS MONTH**

**Development of Polarization/Pattern  
Reconfigurable Antennas for Wireless  
Applications**

**Research Scholar: Manmeet  
Kaur**

**Supervisors**

**Dr. Hari Shankar Singh  
Dr. Mayank Agarwal**

**Department of Electronics  
& Communication  
Engineering**

**Grant Date:  
10/06/2025**

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