

Brijlal And Subramanyam Author For Physics Text

Aimed at professionals and students, this book explains how to make use of colour in various types of painting. Colour theories are outlined, but the main emphasis of the book is the way contemporary artists such as Jasper Johns and Milton Avery, actually use colour.

Articles and memoirs of an east Indian resides in Fiji; previously published.

Section I Relativity Section Ii Quantum Mechanics Section Iii Atomic Physics Section Iv Molecular Physics Section V Nuclear Physics Section Vi Solid State Physics Section Vii Solid State Devices Section Viii Electronics Index

the book has been revised to include the postgraduate physics syllabi of indian Universities in addition to the undergraduate honours syllabi covered in the previous edition. Apart from the new addition made in the existing chapters have been added in this edition to deal with the quantum mechanical theories of

atomic and molecular structure.

Indian Books

Heat and Thermodynamics

Problems in Physics

Textbook of Optics

Modern Physics, 18th Edition

"This book is an imaginative and valuable contribution to the literature on Indian immigration. The many new insights it provides are of such importance that one hopes it will serve as a model for work on other indentured colonial populations. It is a "ground breaking work", a basic contribution to the scholarly literature on Indians in Fiji, especially because its wealth of statistical information on the origins of the immigrants and its coverage of the formal structure of the system which brought them to Fiji"--Publisher's description.

Papers and proceedings.

This book sets out to elaborate on the principles of sound in a most scholarly and comprehensive manner. Harmonic oscillators, linearity and superposition principle, oscillations with one degree of freedom, resonance and sharpness of resonance, quality factor, Doppler effect in sound and light, tape recording, cathode-ray oscillograph, medical applications of ultrasonics, acoustic intensity and acoustic measurements are some of the important topics which have been

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given special attention. Although the book is for BSc students, some of the elementary discussions are included to initiate an advanced treatment of the subject.

The book presents a comprehensive study of important topics in Mechanics of pure and applied sciences. It provides knowledge of scalar and vector in optimum depth to make the students understand the concepts of Mechanics in simple, coherent and lucid manner and grasp its principles & theory. It caters to the requirements of students of B.Sc. Pass and Honours courses. Students of engineering disciplines and the ones aspiring for competitive exams such as AIME and others, will also find it useful for their preparations.

Girmitiyas

Color in Contemporary Painting

Oceanic Histories

Allied Physics Paper I & II

The Origins of the Fiji Indians

The eighteenth edition of this well-known textbook continues to provide a thorough understanding of the principles of modern physics. It offers a detailed presentation of important topics such as atomic physics, quantum mechanics, nuclear physics, solid state physics and electronics. The concepts are exhaustively presented with numerous examples and diagrams which would help the students in analysing and

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retaining the concepts in an effective manner. This textbook is a useful resource for undergraduate students and will also serve as a reference text for postgraduate students.

This tenth, extensively revised edition of Electricity and Magnetism continues to provide students a detailed presentation of the fundamental principles, synthesis and physical interpretation of electric & magnetic fields. It follows full vector treatment in discussing topics such as electrostatics, magnetostatics, DC circuits, AC circuits, electrodynamics and electromagnetic waves. While retaining its modern outlook to the subject, this new edition has been revised as per the latest syllabi of various universities. Students pursuing BSc Physics course would find this textbook extremely useful. Useful for UG and PG students

This book is a translation by Professor Sami El Hage of Volume I of Le Grand's three-volume treatise on physiological optics. It is the last of the three volumes to be translated into English. Le Grand's second volume was translated into English by Hunt, Walsh and Hunt and published in 1957 under the title Light, Colour and Vision. His third volume was translated into English by Millodot and Heath in 1966 and published under the title Form and Space Vision. Although Le Grand's three volumes have been compared to the three volumes of Helmholtz, it is important to note that Le Grand has distributed differently the

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topics in his three volumes. This book is a mixture of the tradition established by Helmholtz and followed by Tscherning and Sheard with the tradition originated by Danders and followed by Landolt and Laurance and others. Helmholtz's first volume was concerned with the image forming structure of the eye, almost without reference to practical problems of examining patients and fitting them with glasses. It dealt with the problems of a single eye.

Elements of Properties of Matter

Atomic and Nuclear Physics

Unit Operations-II

Waves And Oscillations 2Ed

The present edition of the book is revised as per the UGC syllabus. Questions and problems at the end of each chapter have been up-dated. Many new solved examples are included in this edition. Certain topic have been added so that students from some universities where the syllabus has been modified and upgraded may benefit. Besides being a text book we hope that this benifit students appearing at the IAS, AMIE and other Competitive Examinations.

This textbook familiarizes the students with the general laws of thermodynamics, kinetic theory & statistical physics, and their applications to physics. Conceptually strong, it is flourished with numerous figures and examples to facilitate understanding of concepts. Written primarily for B.Sc. Physics students, this textbook would also be a useful reference for students of engineering.

Oceanic Histories is the first comprehensive account of world history focused not on the land but viewed through the 70% of the Earth's surface covered by water. Leading historians trace the history of the Indian, Pacific, and Atlantic Oceans and seas, from the Arctic and the Baltic to the South China Sea and the Sea of Japan/Korea's East Sea, over the longue dure. Individual chapters trace the histories and the historiographies of the various oceanic regions, with special attention given to the histories of circulation and particularity, the links between human and non-human history and the connections and comparisons between parts of the World Ocean. Showcasing oceanic history as a field with a long past and a vibrant future,

these authoritative surveys, original arguments and guides to research make this volume an indispensable resource for students and scholars alike.

The Indian Constitution is one of the world's longest and most important political texts. Its birth, over six decades ago, signalled the arrival of the first major post-colonial constitution and the world's largest and arguably most daring democratic experiment. Apart from greater domestic focus on the Constitution and the institutional role of the Supreme Court within India's democratic framework, recent years have also witnessed enormous comparative interest in India's constitutional experiment. The Oxford Handbook of the Indian Constitution is a wide-ranging, analytical reflection on the major themes and debates that surround India's Constitution. The Handbook provides a comprehensive account of the developments and doctrinal features of India's Constitution, as well as articulating frameworks and methodological approaches through which studies of Indian constitutionalism, and constitutionalism more generally, might proceed. Its

contributions range from rigorous, legal studies of provisions within the text to reflections upon historical trends and social practices. As such the Handbook is an essential reference point not merely for Indian and comparative constitutional scholars, but for students of Indian democracy more generally.

Electricity and Magnetism

Heat Thermodynamics and Statistical Physics

Mechanics and Electrodynamics

A Fijian Journey

A Textbook of Engineering Physics

In This edition of the book, only minor changes have been made in some chapters. In the chapter on Nuclear Models (Ch. IX), the discussions on the individual particle model has been shortened to some extent and the relevant reference have been added where the readers can get the details.

Heat Thermodynamics and Statistical Physics S. Chand Publishing

Paper-I | Waves & Oscillations | Properties Of Matters | Thermal Physics |

Electricity And Magnetism | Geometrical Optics | Paper-II | Physical Optics |

Atomic Physics | Nuclear Physics | Elements Of Relativity And Quantum

Mechanics | Electronics Practical Physics | Young'S Modulus By Non-Uniform

Bending | Young'S Modulus (E) Non-Uniform Bending | Rigidity Modulus (Static Torsion Method)|Rigidity Modulus By Torsional Oscillations | Surface Tension And Interfacial Surface Tension Drop Weight Method | Comparison Of Viscosities Of Two Liquids—Burette Method | Specific Heat Capacity Of A Liquid | Sonometer— Frequency Of A.C. Mains | Determination Of Radius Of Curvature | Air Wedge — Thickness Of A Wire | Spectrometer-Diffraction On Gravity-Wevelength Of Hg Lines | Potentiometer-Voltmeter Calibration | Post Office Box-Measure Of Resistance And Specific Resistance | Ballistic Galvanometer Figure Of Merit | Logic Gates And, Or, Not | Zener Diode Characteristics | Nand Gate As A Universal Gate

The Encyclopedia of the Indian Diaspora is the first comprehensive survey of Indian communities around the world. Over 30 contextual features show the initiatives taken by these communities and the contributions they have made both internationally and to their host societies, in areas as diverse as literature, cuisine, popular culture, sports and political life. The greater part of the book consists of 44 country/region profiles covering all parts of the world. Written by over 60 scholars from across the globe, most of whom are from the diaspora, the encyclopedia provides insights into the experiences of a people about whom much is often assumed but little is actually known. The recent expansion

of the Indian diaspora, now some 20-million strong and growing, is a social transformation of global significance. Many members of the diaspora have reached the highest levels of global commerce and trade, international public service and diplomacy, the professionals and academia. In addition, the creative literature from and about the diaspora holds a distinctive and distinguished place in the world's literary imagination.

Properties of Matter

Mechanics

A Textbook Of Sound

The Oxford Handbook of the Indian Constitution

LSC Fundamentals of Optics

The subject matter is divided into twelve chapters. Each chapter is self-contained and is treated in a comprehensive way, using the S.I. system of units. Harmonic Oscillators, Linearity and Superposition Principle, Oscillations with One Degree of Freedom, Resonance and Sharpness of Resonance, Quality Factor, Doppler Effect in Sound and Light, Medical Applications of Ultrasonics, Acoustic Intensity, Acoustic Measurements, Wave Velocity and Group Velocity, Maxwell's Equations, Propagation of Electromagnetic Waves in Isotropic Media, De Broglie Waves, Heisenberg's Uncertainty Principle and Special Theory of Relativity are some of

the important topics which have been given special attention. Solved numerical problems, wherever necessary, are given in the text and in the exercises at the end of each chapter. The book is intended to be a textbook for the undergraduate students of Indian universities.

This textbook has been designed to provide necessary foundation in optics which would not only acquaint the student with the subject but would also prepare for an intensive study of advanced topics in optics at a later stage. With an emphasis on concepts, mathematical derivations have been kept at the minimum. This textbook has been primarily written for undergraduate students of B.Sc. Physics and would also be a useful resource for aspirants appearing for competitive examinations.

This Book Explains The Various Dimensions Of Waves And Oscillations In A Simple And Systematic Manner. It Is An Unique Attempt At Presenting A Self-Contained Account Of The Subject With Step-By-Step Solutions Of A Large Number Of Problems Of Different Types. The Book Will Be Of Great Help Not Only To Undergraduate Students, But Also To Those Preparing For Various Competitive Examinations.

The book is a comprehensive work on Properties of Matter which introduces the students to the fundamentals of the subject. It adopts a unique 'ab initio' approach to the presentation of matter- solids, liquids and gasses- with extensive usage of Calculus throughout the book. For each topic, the focus is on optimum blend of

theory as well as practical application. Examples and extensive exercises solved with the logarithms reinforce the concepts and stimulate the desire among users to test how far they have grasped and imbibed the basic principles. It primarily caters to the undergraduate courses offered in Indian universities.

Proceedings of the Conference on Physics Education and Research, Srinagar, 21-30 June 1970

Atomic Physics

Irrigation and Water Power Engineering

A Textbook of Optics

India Moving

A little bit of India too moves with every migrant. From adventure to indenture, martyrs to merchants, Partition to plantation, from Kashmir to Kerala, Japan to Jamaica and beyond, India Moving is the first book to map out the great migrations that have made the country and the world a more diverse place to live in. To understand how millions of people have moved-from and to India-the book embarks on a journey laced with evidence, argument and wit, providing insights into topics like the slave trade and the migrations of workers, travelling business communities such as the Marwaris, Gujaratis and Chettiars, refugee crises like the Partition, and the roots of contemporary mass migration from Bihar and Kerala, covering a terrain that often includes seemingly

unrelated topics like mangoes, dosas and pressure cookers. India Moving shows the scale and variety of Indian migrations and argues that greater mobility is a prerequisite for maintaining the country's pluralistic traditions.

This book is inspired by the University of the South Pacific, the leading institution of higher education in the Pacific Islands region. Founded in 1968, USP has expanded the intellectual horizons of generations of students from its 12 member countries—Cook Islands, Fiji, Kiribati, Marshall Islands, Nauru, Niue, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu and Vanuatu—and been responsible for the formation of a regional elite of educated Pacific Islanders who can be found in key positions in government and commerce across the region. At the same time, this book celebrates the collaboration of USP with The Australian National University in research, doctoral training, teaching and joint activities. Twelve of our 19 contributors gained their doctorates at ANU, most of them before or after being students and/or teaching staff at USP, and the remaining five embody the cross-fertilisation in teaching, research and consultancy of the two institutions. The contributions to this collection, with a few exceptions, are republications of key articles on the Pacific Islands by scholars with extensive experience and knowledge of the region.

A Textbook of Engineering Physics is written with two distinct objectives: to provide a single source of information for engineering undergraduates of different specializations

and provided them a solid base in physics. Successive editions of the book incorporated topics as required by students pursuing their studies in various universities. In this new edition the contents are fine-tuned, modernized and updated at various stages.

Introduction - Conduction - Convection - Radiation - Heat Exchange Equipments - Evaporation - Diffusion - Distillation - Gas Absorption - Liquid Liquid Extraction - Crystallisation - Drying - Appendix I Try yourself - Appendix II Thermal conductivity data - Appendix III Steam tables

Waves and Oscillations

Celebrating the University of the South Pacific and its collaboration with The Australian National University

Nuclear Physics

Physics in India, Challenges and Opportunities

Understanding Oceania

This book has been written for the students of B.Sc Physics of Various Indian Universities.

This book entitled Electricity & Magnetism covers the syllabi of B.Sc.(Pass & Honours) and Engineering students of various Universities in India, and is written purely in S.I.

Units (rationalised MKS system of units) with a complete vector

treatment. The mathematical description of the book is based on the methods of vector analysis. Vector analysis provides an efficient short-hand for writing physics and the same time makes it possible to visualise the physical meaning of concepts and laws distinctly and exactly. Hence, the vector treatment becomes necessary.

In The Study Of Physics At The +2 Stage And The 1st Year Engineering Course, Problem Solving Poses A Major Challenge. This Book Aims At Assisting The Students Approach A Physics Problem, Elaborating On What Signifies That A Solution Has Been Found And Much More. Tougher Problems Have Been Solved, Laying Great Stress On Approach And Method; While Simultaneously Offering The Number Of Ways A Given Problem Can Be Solved Applying Different Approaches. The Fourth Edition Of This Widely Used Text Presents 300 New Problems With Answers Including 50 Fully Solved Examples.

**The Encyclopedia of the Indian Diaspora
Physical Pharmaceutics
Physiological Optics**

**Physics for Degree Students for B.Sc. 3rd Year
An Annual Bibliography**