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*The Universe in a Single Atom* - Dalai Lama XIV Bstan-'dzin-rgya-mtsho 2010

**A History of Classical Physics** - John Desmond Bernal 1997

*Quantum Field Theory* - Mark Srednicki 2007-01-25

Quantum field theory is the basic mathematical framework that is used to describe elementary particles. This textbook provides a complete and essential introduction to the subject. Assuming only an undergraduate knowledge of quantum mechanics and special relativity, this book is ideal for graduate students beginning the study of elementary particles. The step-by-step presentation begins with basic concepts illustrated by simple examples, and proceeds through historically important results to thorough treatments of modern topics such as the renormalization group, spinor-helicity methods for quark and gluon scattering, magnetic monopoles, instantons, supersymmetry, and the unification of forces. The book is written in a modular format, with each chapter as self-contained as possible, and with the necessary prerequisite material clearly identified. It is based on a year-long course given by the author and contains extensive problems, with password protected solutions available to lecturers at [www.cambridge.org/9780521864497](http://www.cambridge.org/9780521864497).

**Physics for Degree Students B.Sc.First Year** - C L Arora 2010

For B.Sc I yr students as per the new syllabus of UGC curriculum for all Indian Universities. The present book has two sections. Section I covers 1 which includes chapters on Mechanics, oscillations and Properties of Matter. Section II covers course 2 which includes chapters on Electricity, Magnetism and Electromagnetic theory.

The Physics of Quantum Information - Dirk Bouwmeester 2013-03-14

Leading experts from "The Physics of Quantum Information" network, initiated by the European Commission, bring together the most recent results from this emerging area of quantum technology. Written in a consistent style as a research monograph, the book introduces quantum cryptography, quantum teleportation, and quantum computation, considering both theory and newest experiments. Both scientists working in the field and advanced students will find a rich source of information on this exciting new area.

An Introduction to Quantum Computing - Phillip Kaye 2007

The authors provide an introduction to quantum computing. Aimed at advanced undergraduate and beginning graduate students in these disciplines, this text is illustrated with diagrams and exercises.

**Elements of Modern Physics** - S. H. Patil 2021-03-12

This book covers important concepts and applications of contemporary physics. The

book emphasizes logical development of the subject and attempts to maintain rigor in the analytical discussions. The text has been presented in a concise and lucid manner. A modern description of properties and interaction of particle is given along with discussions on topics such as cosmology, laser and applications. The concepts are illustrated by numerous worked examples. Selected problems given at the end of each chapter help students to evaluate their skills. The book with its simple style, comprehensive and up-to-date coverage is highly useful for physics students. The detailed coverage and pedagogical tools make this an ideal book also for the engineering students studying core courses in physics.

Quantum Physics - Stephen Gasiorowicz 2003-04-17

Balances mathematical discussions with physical discussions. \* Derivations are complete and the theory is applied whenever possible. \* Gasiorowicz is a world class researcher in quantum physics.

**The Schrödinger Equation** - Walter Thirring 2012-12-06

On the occasion of the 50th anniversary of the discovery of the Schrodinger equation a small symposium was organized in Vienna. It had mainly retrospective character, where after an appreciation of Schrodinger's scientific achievements the results were collected which one could extract from his equation. Of course not all the developments which originated in Schrodingers discoveries could be included. Instead, it was attempted to present a review of the established predictions which follow directly from his equation. Despite the 50 years of its existence there are always new results of this sort being found, especially because the necessary mathematical methods are being developed and become known to the physicists slowly only now .. I want to take the opportunity here to thank the lecturers for their efforts which they put into their excellent talks and their written versions. With their help this volume should become a useful document on the current mathematical art in the treatment of the Schrodinger equation. Finally it is my pleasant obligation to thank the Bundesministerium für Wissenschaft und Forschung and the Kulturamt der Gemeinde Wien for their financial support which made it possible to honor one of the great Austrian scientists.

**Waves and Oscillations** - Walter Fox Smith 2010-05-20

This lively textbook differs from others on the subject by its usefulness as a conceptual and mathematical preparation for the study of quantum mechanics, by its emphasis on a variety of learning tools aimed at fostering the student's self-awareness of learning, and by its frequent connections to current research.

*When We Cease to Understand the World* - Benjamin Labatut 2021-09-28

One of The New York Times Book Review's 10 Best Books of 2021 Shortlisted for the 2021 International Booker Prize and the 2021 National Book Award for Translated

Literature A fictional examination of the lives of real-life scientists and thinkers whose discoveries resulted in moral consequences beyond their imagining. When We Cease to Understand the World is a book about the complicated links between scientific and mathematical discovery, madness, and destruction. Fritz Haber, Alexander Grothendieck, Werner Heisenberg, Erwin Schrödinger—these are some of luminaries into whose troubled lives Benjamín Labatut thrusts the reader, showing us how they grappled with the most profound questions of existence. They have strokes of unparalleled genius, alienate friends and lovers, descend into isolation and insanity. Some of their discoveries reshape human life for the better; others pave the way to chaos and unimaginable suffering. The lines are never clear. At a breakneck pace and with a wealth of disturbing detail, Labatut uses the imaginative resources of fiction to tell the stories of the scientists and mathematicians who expanded our notions of the possible.

**Atomic and Nuclear Physics** - N. Subrahmanyam | Brij Lal | Jivan Seshan 2008

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 benefit students appearing at the IAS, AMIE and other Competitive Examinations.

**Problems And Solutions On Quantum Mechanics** - Yung Kuo Lim 1998-09-28

The material for these volumes has been selected from the past twenty years' examination questions for graduate students at the University of California at Berkeley, Columbia University, the University of Chicago, MIT, the State University of New York at Buffalo, Princeton University and the University of Wisconsin.

**Spectral Theory and Quantum Mechanics** - Valter Moretti 2018-01-30

This book discusses the mathematical foundations of quantum theories. It offers an introductory text on linear functional analysis with a focus on Hilbert spaces, highlighting the spectral theory features that are relevant in physics. After exploring physical phenomenology, it then turns its attention to the formal and logical aspects of the theory. Further, this Second Edition collects in one volume a number of useful rigorous results on the mathematical structure of quantum mechanics focusing in particular on von Neumann algebras, Superselection rules, the various notions of Quantum Symmetry and Symmetry Groups, and including a number of fundamental results on the algebraic formulation of quantum theories. Intended for Master's and PhD students, both in physics and mathematics, the material is designed to be self-contained: it includes a summary of point-set topology and abstract measure theory, together with an appendix on differential geometry. The book also benefits established researchers by organizing and presenting the profusion of advanced material disseminated in the literature. Most chapters are accompanied by exercises, many of which are solved explicitly."

**Notes on Quantum Mechanics** - Enrico Fermi 1995-07

The lecture notes presented here in facsimile were prepared by Enrico Fermi for students taking his course at the University of Chicago in 1954. They are vivid examples of his unique ability to lecture simply and clearly on the most essential aspects of quantum mechanics. At the close of each lecture, Fermi created a single problem for his students. These challenging exercises were not included in Fermi's notes but were preserved in the notes of his students. This second edition includes a set of these assigned problems as compiled by one of his former students, Robert A. Schluter. Enrico Fermi was awarded the Nobel Prize for Physics

in 1938.

**Quantum Mechanics** - Nouredine Zettili 2009-02-17

Quantum Mechanics: Concepts and Applications provides a clear, balanced and modern introduction to the subject. Written with the student's background and ability in mind the book takes an innovative approach to quantum mechanics by combining the essential elements of the theory with the practical applications: it is therefore both a textbook and a problem solving book in one self-contained volume. Carefully structured, the book starts with the experimental basis of quantum mechanics and then discusses its mathematical tools. Subsequent chapters cover the formal foundations of the subject, the exact solutions of the Schrödinger equation for one and three dimensional potentials, time-independent and time-dependent approximation methods, and finally, the theory of scattering. The text is richly illustrated throughout with many worked examples and numerous problems with step-by-step solutions designed to help the reader master the machinery of quantum mechanics. The new edition has been completely updated and a solutions manual is available on request. Suitable for senior undergraduate courses and graduate courses.

**Introduction to Quantum Mechanics** - David J. Griffiths 2019-11-20

Changes and additions to the new edition of this classic textbook include a new chapter on symmetries, new problems and examples, improved explanations, more numerical problems to be worked on a computer, new applications to solid state physics, and consolidated treatment of time-dependent potentials.

**Quantum Physics For Dummies** - Steven Holzner 2013-01-09

Quantum Physics For Dummies, Revised Edition helps make quantum physics understandable and accessible. From what quantum physics can do for the world to understanding hydrogen atoms, readers will get complete coverage of the subject, along with numerous examples to help them tackle the tough equations. Compatible with classroom text books and courses, Quantum Physics For Dummies, Revised Edition lets students study at their own paces and helps them prepare for graduate or professional exams. Coverage includes: The Schrodinger Equation and its Applications The Foundations of Quantum Physics Vector Notation Spin Scattering Theory, Angular Momentum, and more Your plain-English guide to understanding and working with the micro world Quantum physics – also called quantum mechanics or quantum field theory – can be daunting for even the most dedicated student or enthusiast of science, math, or physics. This friendly, concise guide makes this challenging subject understandable and accessible, from atoms to particles to gases and beyond. Plus, it's packed with fully explained examples to help you tackle the tricky equations like a pro! Compatible with any classroom course – study at your own pace and prepare for graduate or professional exams Your journey begins here – understand what quantum physics is and what kinds of problems it can solve Know the basic math – from state vectors to quantum matrix manipulations, get the foundation you need to proceed Put quantum physics to work – make sense of Schrödinger's equation and handle particles bound in square wells and harmonic oscillators Solve problems in three dimensions – use the full operators to handle wave functions and eigenvectors to find the natural wave functions of a system Discover the latest research – learn the cutting-edge quantum physics theories that aim to explain the universe itself

**Quantum Trading** - Fabio Oreste 2011-06-24

A cutting-edge guide to quantum trading Original and thought-provoking, Quantum Trading presents a compelling new way to look at technical analysis and will help you use the proven principles of modern physics to forecast financial markets. In

it, author Fabio Oreste shows how both the theory of relativity and quantum physics is required to make sense of price behavior and forecast intermediate and long-term tops and bottoms. He relates his work to that of legendary trader W.D. Gann and reveals how Gann's somewhat esoteric theories are consistent with his applications of Einstein's theory of relativity and quantum theory to price behavior. Applies concepts from modern science to financial market forecasting Shows how to generate support/resistance areas and identify potential market turning points Addresses how non-linear approaches to trading can be used to both understand and forecast market prices While no trading approach is perfect, the techniques found within these pages have enabled the author to achieve a very attractive annual return since 2002. See what his insights can do for you.

**Physics of the Impossible** - Michio Kaku 2009

Physics of the Impossible takes us on a journey to the frontiers of science and beyond, giving us an exhilarating insight into what we can really hope to achieve in the future. Everyday we see that what was once declared "impossible" by scientists has become part of our everyday lives: fax machines, glass skyscrapers, gas-powered automobiles and a worldwide communications network. Here internationally bestselling author Michio Kaku confidently hurdles today's frontier of science, revealing the actual possibilities of perpetual motion, force fields, invisibility, ray guns, anti-gravity and anti-matter, teleportation, telepathy, psychokinesis, robots and cyborgs, time travel, zero-point energy, even extraterrestrial life. And he shows how few of these ideas actually violate the laws of physics. Where does the realm of science fiction end? What can we really hope to achieve? "Anything that is not impossible, is mandatory!" declares Kaku in this lucid, entertaining and enlightening read.

**Lectures On Computation** - Richard P. Feynman 1996-09-08

Covering the theory of computation, information and communications, the physical aspects of computation, and the physical limits of computers, this text is based on the notes taken by one of its editors, Tony Hey, on a lecture course on computation given by

**What is Life? the Physical Aspect of the Living Cell & Mind and Matter** - Erwin Schrödinger 1967

**Problems in Quantum Mechanics** - Gordon Leslie Squires 1995-03-16

Many students find quantum mechanics conceptually difficult when they first encounter the subject. In this book, the postulates and key applications of quantum mechanics are well illustrated by means of a carefully chosen set of problems, complete with detailed, step-by-step solutions. Beginning with a chapter on orders of magnitude, a variety of topics are then covered, including the mathematical foundations of quantum mechanics, Schrödinger's equation, angular momentum, the hydrogen atom, the harmonic oscillator, spin, time-independent and time-dependent perturbation theory, the variational method, multielectron atoms, transitions and scattering. Throughout, the physical interpretation or application of certain results is highlighted, thereby providing useful insights into a wide range of systems and phenomena. This approach will make the book invaluable to anyone taking an undergraduate course in quantum mechanics.

*Principles of Quantum Mechanics* - R. Shankar 2012-12-06

R. Shankar has introduced major additions and updated key presentations in this second edition of *Principles of Quantum Mechanics*. New features of this innovative text include an entirely rewritten mathematical introduction, a discussion of Time-reversal invariance, and extensive coverage of a variety of path integrals

and their applications. Additional highlights include: - Clear, accessible treatment of underlying mathematics - A review of Newtonian, Lagrangian, and Hamiltonian mechanics - Student understanding of quantum theory is enhanced by separate treatment of mathematical theorems and physical postulates - Unsurpassed coverage of path integrals and their relevance in contemporary physics The requisite text for advanced undergraduate- and graduate-level students, *Principles of Quantum Mechanics*, Second Edition is fully referenced and is supported by many exercises and solutions. The book's self-contained chapters also make it suitable for independent study as well as for courses in applied disciplines.

*The First Three Minutes* - Steven Weinberg 1993

A Nobel Prize-winning physicist explains what happened at the very beginning of the universe, and how we know, in this popular science classic. Our universe has been growing for nearly 14 billion years. But almost everything about it, from the elements that forged stars, planets, and lifeforms, to the fundamental forces of physics, can be traced back to what happened in just the first three minutes of its life. In this book, Nobel Laureate Steven Weinberg describes in wonderful detail what happened in these first three minutes. It is an exhilarating journey that begins with the Planck Epoch - the earliest period of time in the history of the universe - and goes through Einstein's Theory of Relativity, the Hubble Red Shift, and the detection of the Cosmic Microwave Background. These incredible discoveries all form the foundation for what we now understand as the "standard model" of the origin of the universe. The First Three Minutes examines not only what this model looks like, but also tells the exciting story of the bold thinkers who put it together. Clearly and accessibly written, *The First Three Minutes* is a modern-day classic, an unsurpassed explanation of where it is we really come from.

**How to Teach Physics to Your Dog** - Chad Orzel 2010-12-07

Original publication and copyright date: 2009.

**The Principles of Quantum Mechanics** - P. A. M. Dirac 2019-12-01

"The standard work in the fundamental principles of quantum mechanics, indispensable both to the advanced student and to the mature research worker, who will always find it a fresh source of knowledge and stimulation." --Nature "This is the classic text on quantum mechanics. No graduate student of quantum theory should leave it unread"--W.C Schieve, University of Texas

**The Field Updated Ed** - Lynne McTaggart 2008-01-02

In this groundbreaking classic, investigative journalist Lynne McTaggart reveals a radical new paradigm—that the human mind and body are not separate from their environment but a packet of pulsating power constantly interacting with this vast energy sea, and that consciousness may be central in shaping our world. *The Field* is a highly readable scientific detective story presenting a stunning picture of an interconnected universe and a new scientific theory that makes sense of supernatural phenomena. Documented by distinguished sources, *The Field* is a book of hope and inspiration for today's world.

*Atoms, Molecules and Photons* - Wolfgang Demtröder 2019-02-09

This introduction to Atomic and Molecular Physics explains how our present model of atoms and molecules has been developed over the last two centuries both by many experimental discoveries and, from the theoretical side, by the introduction of quantum physics to the adequate description of micro-particles. It illustrates the wave model of particles by many examples and shows the limits of classical description. The interaction of electromagnetic radiation with atoms and molecules and its potential for spectroscopy is outlined in more detail and in particular lasers as modern spectroscopic tools are discussed more thoroughly. Many examples

and problems with solutions are offered to encourage readers to actively engage in applying and adapting the fundamental physics presented in this textbook to specific situations. Completely revised third edition with new sections covering all actual developments, like photonics, ultrashort lasers, ultraprecise frequency combs, free electron lasers, cooling and trapping of atoms, quantum optics and quantum information.

**Introduction to High Energy Physics** - Donald H. Perkins 2000-04-13

This highly-regarded text provides a comprehensive introduction to modern particle physics. Extensively rewritten and updated, this 4th edition includes developments in elementary particle physics, as well as its connections with cosmology and astrophysics. As in previous editions, the balance between experiment and theory is continually emphasised. The stress is on the phenomenological approach and basic theoretical concepts rather than rigorous mathematical detail. Short descriptions are given of some of the key experiments in the field, and how they have influenced our thinking. Although most of the material is presented in the context of the Standard Model of quarks and leptons, the shortcomings of this model and new physics beyond its compass (such as supersymmetry, neutrino mass and oscillations, GUTs and superstrings) are also discussed. The text includes many problems and a detailed and annotated further reading list.

Quantum Mechanics for Thinkers - Gennaro Auletta 2014-06-20

This book provides quick access to quantum mechanics without dealing with a true textbook that demands proper specialized studies in physics (and related mathematics) for about a couple of years. It consists of three parts: basic formalism, formal development, and ontological issues. The 70 figures are a crucial instrument for becoming acquainted in a "representative" way with abstract problems, and the 30 in-section boxes assist readers understand for difficult mathematical problems. The book offers a considerable number of clear and analytical treatments of what are considered the most difficult conceptual problems of the theory.

**Frontiers of Engineering** - National Academy of Engineering 2019-02-28

This volume presents papers on the topics covered at the National Academy of Engineering's 2018 US Frontiers of Engineering Symposium. Every year the symposium brings together 100 outstanding young leaders in engineering to share their cutting-edge research and innovations in selected areas. The 2018 symposium was held September 5-7 and hosted by MIT Lincoln Laboratory in Lexington, Massachusetts. The intent of this book is to convey the excitement of this unique meeting and to highlight innovative developments in engineering research and technical work.

*Biocentrism* - Robert Lanza 2010-05-18

Robert Lanza is one of the most respected scientists in the world – a US News & World Report cover story called him a “genius” and a “renegade thinker,” even likening him to Einstein. Lanza has teamed with Bob Berman, the most widely read astronomer in the world, to produce *Biocentrism*, a revolutionary new view of the universe. Every now and then a simple yet radical idea shakes the very foundations of knowledge. The startling discovery that the world was not flat challenged and ultimately changed the way people perceived themselves and their relationship with the world. For most humans of the 15th century, the notion of Earth as ball of rock was nonsense. The whole of Western, natural philosophy is undergoing a sea change again, increasingly being forced upon us by the experimental findings of quantum theory, and at the same time, towards doubt and uncertainty in the physical explanations of the universe's genesis and structure. *Biocentrism*

completes this shift in worldview, turning the planet upside down again with the revolutionary view that life creates the universe instead of the other way around. In this paradigm, life is not an accidental byproduct of the laws of physics. *Biocentrism* takes the reader on a seemingly improbable but ultimately inescapable journey through a foreign universe—our own—from the viewpoints of an acclaimed biologist and a leading astronomer. Switching perspective from physics to biology unlocks the cages in which Western science has unwittingly managed to confine itself. *Biocentrism* will shatter the reader's ideas of life--time and space, and even death. At the same time it will release us from the dull worldview of life being merely the activity of an admixture of carbon and a few other elements; it suggests the exhilarating possibility that life is fundamentally immortal. The 21st century is predicted to be the Century of Biology, a shift from the previous century dominated by physics. It seems fitting, then, to begin the century by turning the universe outside-in and unifying the foundations of science with a simple idea discovered by one of the leading life-scientists of our age. *Biocentrism* awakens in readers a new sense of possibility, and is full of so many shocking new perspectives that the reader will never see reality the same way again.

Quantum Mechanics - Gennaro Auletta 2009-04-16

The important changes quantum mechanics has undergone in recent years are reflected in this approach for students. A strong narrative and over 300 worked problems lead the student from experiment, through general principles of the theory, to modern applications. Stepping through results allows students to gain a thorough understanding. Starting with basic quantum mechanics, the book moves on to more advanced theory, followed by applications, perturbation methods and special fields, and ending with developments in the field. Historical, mathematical and philosophical boxes guide the student through the theory. Unique to this textbook are chapters on measurement and quantum optics, both at the forefront of current research. Advanced undergraduate and graduate students will benefit from this perspective on the fundamental physical paradigm and its applications. Online resources including solutions to selected problems, and 200 figures, with colour versions of some figures, are available at [www.cambridge.org/Auletta](http://www.cambridge.org/Auletta).

Vedic Physics - Keshav Dev Verma 2012-01-01

The present volume on *Vedic Physics* by Keshav Dev Verma is indeed a unique attempt to interpret the ancient Indian literature by defining various symbols, concepts and terminology occurring in Vedic hymns and other texts. While accepting Maharsi Dayananda's view that Vedas are the repository of all true sciences, the author does examine this statement with a view to test it on the hard rock of truth. Shri Verma has selected the Sankhya-Patanjala system that explains the physical world (Universe) on the basis of Cosmic evolution; the Vaisesika-Nyaya expounds the methodology and elaborates the concepts of physics, chemistry and mechanics. Shri Verma has very systematically tried to interpret the Sankhya aphorisms and concludes that the ultimate ground to which the manifested world can be traced is Prakrti having three attributes-Sattva (existence), energy at rest or Rajas (energy that which is efficient in a phenomenon and is characterised by a tendency to move and overcome any resistance) and Tamas (mass or inertia) which resists the Rajas to do work and also resists Sattva from conscious manifestation.

**Quantum Computing** - Eleanor G. Rieffel 2014-08-29

A thorough exposition of quantum computing and the underlying concepts of quantum physics, with explanations of the relevant mathematics and numerous examples. The

combination of two of the twentieth century's most influential and revolutionary scientific theories, information theory and quantum mechanics, gave rise to a radically new view of computing and information. Quantum information processing explores the implications of using quantum mechanics instead of classical mechanics to model information and its processing. Quantum computing is not about changing the physical substrate on which computation is done from classical to quantum but about changing the notion of computation itself, at the most basic level. The fundamental unit of computation is no longer the bit but the quantum bit or qubit. This comprehensive introduction to the field offers a thorough exposition of quantum computing and the underlying concepts of quantum physics, explaining all the relevant mathematics and offering numerous examples. With its careful development of concepts and thorough explanations, the book makes quantum computing accessible to students and professionals in mathematics, computer science, and engineering. A reader with no prior knowledge of quantum physics (but with sufficient knowledge of linear algebra) will be able to gain a fluent understanding by working through the book.

Modern Quantum Mechanics - J. J. Sakurai 2017-09-21

Modern Quantum Mechanics is a classic graduate level textbook, covering the main quantum mechanics concepts in a clear, organized and engaging manner. The author, Jun John Sakurai, was a renowned theorist in particle theory. The second edition, revised by Jim Napolitano, introduces topics that extend the text's usefulness into the twenty-first century, such as advanced mathematical techniques associated with quantum mechanical calculations, while at the same time retaining classic developments such as neutron interferometer experiments, Feynman path integrals,

correlation measurements, and Bell's inequality. A solution manual for instructors using this textbook can be downloaded from [www.cambridge.org/9781108422413](http://www.cambridge.org/9781108422413).

Modern Physics - Paul Allen Tipler 1978

For the intermediate-level course, the Fifth Edition of this widely used text takes modern physics textbooks to a higher level. With a flexible approach to accommodate the various ways of teaching the course (both one- and two-term tracks are easily covered), the authors recognize the audience and its need for updated coverage, mathematical rigor, and features to build and support student understanding. Continued are the superb explanatory style, the up-to-date topical coverage, and the Web enhancements that gained earlier editions worldwide recognition. Enhancements include a streamlined approach to nuclear physics, thoroughly revised and updated coverage on particle physics and astrophysics, and a review of the essential Classical Concepts important to students studying Modern Physics.

**A Complete Course on Theoretical Physics** - Albrecht Lindner 2018-12-30

Kompakt und verständlich führt dieses Lehrbuch in die Grundlagen der theoretischen Physik ein. Dabei werden die üblichen Themen der Grundvorlesungen Mechanik, Elektrodynamik, Relativitätstheorie, Quantenmechanik, Thermodynamik und Statistik in einem Band zusammengefasst, um den Zusammenhang zwischen den einzelnen Teilgebieten besonders zu betonen. Ein Kapitel mit mathematischen Grundlagen der Physik erleichtert den Einstieg. Zahlreiche Übungsaufgaben dienen der Vertiefung des Stoffes.

Modern Quantum Mechanics - J. J. Sakurai 2020-09-17

A comprehensive and engaging textbook, providing a graduate-level, non-historical, modern introduction of quantum mechanical concepts.