

My First About Physics

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Atomic - Jim Baggott
2015-07-02

Spanning ten historic years, from the discovery of nuclear fission in 1939 to 'Joe-1', the first Soviet atomic bomb test in August 1949, Atomic is the first fully realised popular account of the race between Nazi Germany, Britain, America and the Soviet Union to build atomic weapons. Rich in personality, action, confrontation and deception, Jim Baggott's book tells an epic story of science and technology at the very limits of human understanding.

My First Book of Quantum

Physics - Sheddad Kaid-Salah Ferrón 2018-03-29

Everything around us - trees, buildings, food, light, water, air and even ourselves - is composed of minute particles, smaller than a nanometre (a billionth of a metre). Quantum physics is the science of these particles and without it none of our electronic devices, from smartphones to computers and microwave ovens, would exist. But quantum physics also pushes us to the very boundaries of what we know about science, reality and the structure of the universe. The world of quantum physics is an

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amazing place, where quantum particles can do weird and wonderful things, acting totally unlike the objects we experience in day-to-day life. How can atoms exist in two places at once? And just how can a cat be dead and alive at the same time? Find out more with this entertaining illustrated guide to the fascinating, mysterious world of quantum physics.
College Physics - Paul Peter Urone 1997-12

Head First Physics - Heather Lang 2008-09-24

Wouldn't it be great if there were a physics book that showed you how things work instead of telling you how? Finally, with Head First Physics, there is. This comprehensive book takes the stress out of learning mechanics and practical physics by providing a fun and engaging experience, especially for students who "just don't get it." Head First Physics offers a format that's rich in visuals and full of activities, including pictures,

illustrations, puzzles, stories, and quizzes -- a mixed-media style proven to stimulate learning and retention. One look will convince you: This isn't mere theory, this is physics brought to life through real-world scenarios, simple experiments, and hypothetical projects. Head First Physics is perfect for anyone who's intrigued by how things work in the natural world. You'll quickly discover that physics isn't a dry subject. It's all about the world we live in, encompassing everything from falling objects and speeding cars, to conservation of energy and gravity and weightlessness, and orbital behavior. This book: Helps you think like a physicist so you can understand why things really work the way they do Gives you relevant examples so you can fully grasp the principles before moving on to more complex concepts Designed to be used as a supplement study guide for the College Board's Advanced Placement Physics B Exam Introduces principles for the purpose of solving real-

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world problems, not memorization Teaches you how to measure, observe, calculate - - and yes -- how to do the math Covers scientific notation, SI units, vectors, motion, momentum conservation, Newton's Laws, energy conservation, weight and mass, gravitation and orbits, circular motion and simple harmonic motion, and much more If "Myth Busters" and other TV programs make you curious about our physical world -- or if you're a student forced to take a physics course -- now you can pursue the subject without the dread of boredom or the fear that it will be over your head. Head First Physics comes to rescue with an innovative, engaging, and inspirational way to learn physics!

The Trouble with Physics - Lee Smolin 2006

A theoretical physicist describes the evolution of modern-day string theory, the flaws in the attempt to formulate a "theory of everything" to explain all the forces and particles of nature and the origins of the universe,

and their repercussions for physics.

Quantum Physics for Babies (0-3) - Chris Ferrie 2017-05-01

Ages 0 to 3 years Quantum Physics for Babies by Chris Ferrie is a colourfully simple introduction to the principle that gives quantum physics its name. Baby will find out that energy is "quantized" and the weird world of atoms never comes to a standstill. It is never too early to become a quantum physicist! This is the first in a series of books designed to stimulate your baby and introduce them to the world of science. Also coming in May are: □ Newtonian Physics for Babies □ General Relativity for Babies □ Rocket Science for Babies

[A Cultural History of Physics](#) - Karoly Simonyi 2012-01-25

While the physical sciences are a continuously evolving source of technology and of understanding about our world, they have become so specialized and rely on so much prerequisite knowledge that for many people today the divide between the sciences

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and the humanities seems even greater than it was when C. P. Snow delivered his famous 1959 lecture,

My First Book of Microbes - Sheddad Kaid-Salah Ferrón 2021-08

My First Book of Microbes is the ideal STEM book for children - it uses fascinating bite-size facts, clear and simple explanations, and attractive and absorbing illustrations to demystify the hidden world of microbes. You'll discover what they are, where they come from and what they do, as well as which ones are good and which can be harmful.

Especially pertinent are the clear explanations about how viruses spread, the role of antibodies and the importance of vaccines - essential understanding for us all during this time of the COVID-19 pandemic; in fact, there's a whole spread dedicated to COVID-19. Packed with clever analogies that make understanding a difficult topic easy, this STEM title is perfect for young budding scientists with an active and enquiring

mind and for people of any age who are interested in learning about the natural world and the human body. Sales points: Bestselling and award-winning illustrator and author duo of the bestselling My First Book of Quantum Physics, plus My First Book of Relativity and My First Book of the Cosmos Introduces children aged 8 and up to a complex area of science in a fun and entertaining way Adults are likely to enjoy the content and find that it increases their understanding Topical subject matter - viruses, including information about COVID-19, antibodies and vaccines

The Story of Physics - Anne Rooney 2014-02-02

Author Anne Rooney follows the story of physics from the earliest societies to the current day, discovering the entrancing appeal of the secrets that rule the universe. Writing in a straightforward way that is easy to understand, the author takes the reader on a journey of discovery from the birth of physics and early astronomy, to where we are now as we

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endeavour to make sense of dark matter and dark energy, black holes and whatever may lie beyond the universe.

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

Physics for Curious Kids -

Laura Baker 2022

Discover the wonders of physics, with this beautifully illustrated, inspirational, and accessible book. It's packed with clear, colorful, and engaging explanations of the world of physics including matter and motion, space and time, energy and forces. Big new concepts pop off the page, thanks to vibrant diagrams and an engaging, energetic prose style. Kids will discover a new way of looking at the world with this wide-ranging celebration of the subject of

physics. A great gift for readers aged 8-12. ABOUT THE SERIES: The Curious Kids series draws together a collection of meticulously researched, beautifully illustrated fact books that bring STEM subjects to life with a smart, modern sensibility.

Quantum Physics - Michael G. Raymer 2017

"In question & answer format, discusses the history, science, applications, and relevant current issues of quantum physics in an accessible way for the non-scientist"--

Prove Physics Second Edition -

Balungi Francis 2021-10-22

Since high school, I have been rebellious to how physics derivations are presented with difficult and confusing mathematical tools. I am not used to deriving physics laws using the same mathematical tools that our forefathers of physics used (the same found in various physics text books), which I find not only confusing to me but to the entire scientific community who are categorized as the "Silent Majority". I try so much to

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tackle the problem from a different perspective without using calculus or differential geometry. I use basic math with simple algebra to arrive at the required proof. This book is the culmination of nearly fifteen years of work that I have done to develop this derivation method. I had never expected it would take anything like as long, but I have discovered vastly more than I ever thought possible, and in fact what I have done now touches almost every existing problem in physics. In the early years, I published some papers in the major scientific research journals which were well received but because they had become scattered, I resolved just to keep working quietly until I had finished, and was ready to present everything in a single coherent way. Two years later this book is the result. And with it my hope is to share what I have done with a wide range of scientists and non-scientists as possible. And now that I have finished building the intellectual structure that I

describe in this book, it is my hope that those who read these words can share in the excitement I have had in making the discoveries that were involved. In this book you will learn to derive all the known laws of physics from first principles in your own way and fashion not taught in schools and colleges. "Science should be fun"

My First Book of Relativity -
Kaid-Salah Ferron Sheddad
2019-08

This companion volume to My First Book of Quantum Physics introduces complex science to children through bright illustrations and amusing text.
My First Book of the Cosmos -
Kaid-Salah Ferrón Sheddad
2020-10-06

My First Book of the Cosmos is the latest title from the awarding winning illustrator and author duo Eduard Altarriba and Sheddad Kaid-Salah Ferrón. Cosmology is closely related to astronomy and studies the origin and evolution of the universe. As with Eduard and Sheddad's first book published by Button

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Books My First Book of Quantum Physics, My First Book of the Cosmos introduces children to what is an incredibly complex subject in a fun and entertaining way, using highly attractive and absorbing illustrations to explain the basic principals and concepts of this complex and fascinating subject.

There Are Places in the World Where Rules Are Less Important Than Kindness -

Carlo Rovelli 2022-05-10

A delightful intellectual feast from the bestselling author of Seven Brief Lessons on Physics and The Order of Time One of the world's most prominent physicists and fearless free spirit, Carlo Rovelli is also a masterful storyteller. His bestselling books have introduced millions of readers to the wonders of modern physics and his singular perspective on the cosmos.

This new collection of essays reveals a curious intellect always on the move. Rovelli invites us on an accessible and enlightening voyage through science, literature, philosophy,

and politics. Written with his usual clarity and wit, this journey ranges widely across time and space: from Newton's alchemy to Einstein's mistakes, from Nabokov's lepidopterology to Dante's cosmology, from mind-altering psychedelic substances to the meaning of atheism, from the future of physics to the power of uncertainty. Charming, pithy, and elegant, this book is the perfect gateway to the universe of one of the most influential minds of our age.

Landing Your First Job - John S Rigden 2002

If you've recently received your degree and are looking for the most complete and up-to-date information on career and employment opportunities, get Landing Your First Job: A Guide for Physics Students. The volume contains information on the job search, including cover letters, resume writing, interview preparation, and salary negotiation. It also includes the latest employment statistics and glimpses of physicists in the workplace.

Landing Your First Job is

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designed exclusively for physics-educated individuals and represents a resource whose practical value is unparalleled.

[First Semester Physics Survival Guide](#) - Teman H. Cooke
2013-08

If you are taking high school or college physics, this book is for you! Written in a straightforward and humorous style, the First Semester Physics Survival Guide focuses on the most important aspect of physics: how to solve problems. Step-by-step frameworks (called conceptual scaffolds) help you build great solutions to physics problems, and over 50 pages of fully worked examples explain both why and how each step was taken. Learn the secrets of successful physics students!

[The Evolution of Physics](#) - Einstein
1971-11-30

[Women in Physics](#) - Mary
Wissinger 2021-04-06

Delve into the wonders of physics! Learn alongside inspirational women physicists whose innovations changed the

world. Discover the power of curiosity and resilience through a conversation between a spunky young protagonist, asking questions about the world around her, and a scientifically astute narrator, whose answers are both accurate and understandable to young minds. Women in Physics is the perfect place for children to start their own journeys of discovery and wonder.

Exploring Creation with Physics - Jay L. Wile
2003-06-30

[The Physics Book](#) - DK
2020-03-10

Explore the laws and theories of physics in this accessible introduction to the forces that shape our universe, our planet, and our everyday lives. Using a bold, graphics-led approach, The Physics Book sets out more than 80 of the key concepts and discoveries that have defined the subject and influenced our technology since the beginning of time. With the focus firmly on unpacking the thought behind

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each theory—as well as exploring when and how each idea and breakthrough came about—five themed chapters examine the history and developments in specific areas such as Light, Sound, and Electricity. Eureka moments abound: from Archimedes' bathtub discoveries about displacement and density, and Galileo's experiments with spheres falling from the Tower of Pisa, to Isaac Newton's apple and his conclusions about gravity and the laws of motion. You'll also learn about Albert Einstein's revelations about relativity; how the accidental discovery of cosmic microwave background radiation confirmed the Big Bang theory; the search for the Higgs boson particle; and why most of the universe is missing. If you've ever wondered exactly how physicists formulated—and proved—their abstract concepts, *The Physics Book* is the book for you. Series Overview: Big Ideas Simply Explained series uses creative design and innovative graphics along with straightforward and engaging

writing to make complex subjects easier to understand. With over 7 million copies worldwide sold to date, these award-winning books provide just the information needed for students, families, or anyone interested in concise, thought-provoking refreshers on a single subject.

My First Book about the

Brain - Donald M. Silver

2013-01-01

How does the brain control the rest of the body? How does it enable the senses, regulate speech, affect balance, and influence sleep and dreams? These 30 full-page illustrations to color help explain every aspect of the brain's big job, from communicating with the central nervous system to retaining memories.

Seven Brief Lessons on

Physics - Carlo Rovelli

2016-03-01

The New York Times bestseller from the author of *The Order of Time* and *Reality Is Not What It Seems* and Helgoland “One of the year’s most entrancing books about science.”—The Wall Street Journal “Clear,

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elegant...a whirlwind tour of some of the biggest ideas in physics.”—The New York Times Book Review This playful, entertaining, and mind-bending introduction to modern physics briskly explains Einstein's general relativity, quantum mechanics, elementary particles, gravity, black holes, the complex architecture of the universe, and the role humans play in this weird and wonderful world. Carlo Rovelli, a renowned theoretical physicist, is a delightfully poetic and philosophical scientific guide. He takes us to the frontiers of our knowledge: to the most minute reaches of the fabric of space, back to the origins of the cosmos, and into the workings of our minds. The book celebrates the joy of discovery. “Here, on the edge of what we know, in contact with the ocean of the unknown, shines the mystery and the beauty of the world,” Rovelli writes. “And it’s breathtaking.”

Physics Made Simple -

Christopher Gordon De Pree,
Ph.D. 2010-03-31

Understand the rules that

make the universe run.

Understanding the laws of physics is essential for all scientific studies, but many students are intimidated by their complexities. This completely revised and updated book makes it easy to understand the most important principles. From the physics of the everyday world to the theory of relativity, PHYSICS MADE SIMPLE covers it all. Each chapter is introduced by anecdotes that directly apply the concepts to contemporary life and ends with practice problems—with complete solutions—to reinforce the concepts. Humorous illustrations and stories complete the text, making it not only easy but fun to learn this important science. Topics covered include: *force *motion *energy *waves *electricity and magnetism *the atom *quantum physics *relativity *spectroscopy *particle physics Look for these Made Simple titles Accounting Made Simple Arithmetic Made Simple Astronomy Made Simple Biology Made Simple

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Investing Made Simple Italian
Made Simple Keyboarding
Made Simple Latin Made
Simple Learning English Made
Simple Mathematics Made
Simple The Perfect Business
Plan Made Simple Philosophy
Made Simple Psychology Made
Simple Sign Language Made
Simple Spelling Made Simple
Statistics Made Simple Your
Small Business Made Simple
www.broadwaybooks.com
*Madame Wu Chien-shiung: The
First Lady Of Physics Research*
- Chiang Tsai-chien 2013-09-04
Narrating the well-lived life of
the “Chinese Madame Curie”
— a recipient of the first Wolf
Prize in Physics (1978), the
first woman to receive an
honorary doctorate from
Princeton University, as well as
the first female president of the
American Physical Society —
this book provides a
comprehensive and honest

account of the life of Dr Wu
Chien-Shiung, an outstanding
and leading experimental
physicist of the 20th century.
Nuclear Physics for Babies -
Chris Ferrie 2018-05-01
Help your future genius
become the smartest baby in
the room! If you're looking for
toddler homeschooling books
similar to Baby Loves Quantum
Physics then you'll love
Nuclear Physics for Babies, the
next installment of the Baby
University board book series by
Chris Ferrie! Written by
industry experts, Nuclear
Physics for Babies is a
colorfully simple introduction
to what goes on in the center of
atoms. Babies (and grownups!)
will learn all about the nucleus
and the amazing process of
nuclear decay. Co-written by
Cara Florance, who has a PhD
in Biochemistry and a BS in
Chemistry with work
experience in astrobiology and
radiation decontamination.
With a tongue-in-cheek
approach that adults will love,
this physics for babies
installment of the Baby
University board book series is

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the perfect way to introduce basic concepts to even the youngest scientists. After all, it's never too early to become a nuclear physicist! Baby University: It only takes a small spark to ignite a child's mind. Other Baby University titles include: Quantum Physics for Babies Quantum Computing for Babies Neural Networks for Babies Organic Chemistry for Babies

The Physics Book - Clifford A. Pickover 2011

Containing 250 short, entertaining, and thought-provoking entries, this book explores such engaging topics as dark energy, parallel universes, the Doppler effect, the God particle, and Maxwell's demon. The timeline extends back billions of years to the hypothetical Big Bang and forward trillions of years to a time of quantum resurrection.

What Is Real? - Adam Becker 2018-03-20

The untold story of the heretical thinkers who dared to question the nature of our quantum universe Every physicist agrees quantum

mechanics is among humanity's finest scientific achievements. But ask what it means, and the result will be a brawl. For a century, most physicists have followed Niels Bohr's Copenhagen interpretation and dismissed questions about the reality underlying quantum physics as meaningless. A mishmash of solipsism and poor reasoning, Copenhagen endured, as Bohr's students vigorously protected his legacy, and the physics community favored practical experiments over philosophical arguments. As a result, questioning the status quo long meant professional ruin. And yet, from the 1920s to today, physicists like John Bell, David Bohm, and Hugh Everett persisted in seeking the true meaning of quantum mechanics. What Is Real? is the gripping story of this battle of ideas and the courageous scientists who dared to stand up for truth.

My First Book about Genetics - Patricia J. Wynne 2020-08-12
Genes are what make you YOU
With 46 illustrations and easy-to-read captions, this book

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explains that genes are "chemical instructions" that living things need in order to stay alive and reproduce. Learn about genes and DNA, what genes control and how they are passed along from one generation to the next, and lots more about this fascinating subject. Perfect for ages 8 and up, it will spark children's curiosity and help foster their interest in science.

Quantum Physics for Absolute Beginners - Tony Goldsmith 2018-03-14

Quantum Physics is the biggest mystery in science today, but its clues do not have to remain with the scientists alone. If you have always been absolutely baffled by anything related to Quantum Physics then this book is for you. My writing mission is to engage with a new audience that has no previous knowledge of science, and I go to great lengths to make sure that everybody can fully understand my explanations. The first half of the book lists all of the facts behind Quantum Physics and I will also encourage you to

participate in the scientific process. Unfortunately, Quantum Physics has a reputation for being difficult. The first thing I will do is show that this claim is false. In this book nothing is too hard to understand. I am confident that a careful reader will be able to comprehend all of the explanations given. However, like the rest of the science community you will still have problems understanding the implications of what you will learn and that is why so many people remain fascinated by this subject.

Teaching Physics for the First Time - Jan Mader 2008
Hands-on activities (labs, demos, etc.) for the classroom, with lesson plans and teacher notes.

Physics of the Future - Michio Kaku 2011-03-15
Imagine, if you can, the world in the year 2100. In *Physics of the Future*, Michio Kaku—the New York Times bestselling author of *Physics of the Impossible*—gives us a stunning, provocative, and exhilarating vision of the

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coming century based on interviews with over three hundred of the world's top scientists who are already inventing the future in their labs. The result is the most authoritative and scientifically accurate description of the revolutionary developments taking place in medicine, computers, artificial intelligence, nanotechnology, energy production, and astronautics. In all likelihood, by 2100 we will control computers via tiny brain sensors and, like magicians, move objects around with the power of our minds. Artificial intelligence will be dispersed throughout the environment, and Internet-enabled contact lenses will allow us to access the world's information base or conjure up any image we desire in the blink of an eye. Meanwhile, cars will drive themselves using GPS, and if room-temperature superconductors are discovered, vehicles will effortlessly fly on a cushion of air, coasting on powerful magnetic fields and ushering in

the age of magnetism. Using molecular medicine, scientists will be able to grow almost every organ of the body and cure genetic diseases. Millions of tiny DNA sensors and nanoparticles patrolling our blood cells will silently scan our bodies for the first sign of illness, while rapid advances in genetic research will enable us to slow down or maybe even reverse the aging process, allowing human life spans to increase dramatically. In space, radically new ships—needle-sized vessels using laser propulsion—could replace the expensive chemical rockets of today and perhaps visit nearby stars. Advances in nanotechnology may lead to the fabled space elevator, which would propel humans hundreds of miles above the earth's atmosphere at the push of a button. But these astonishing revelations are only the tip of the iceberg. Kaku also discusses emotional robots, antimatter rockets, X-ray vision, and the ability to create new life-forms, and he considers the development of

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the world economy. He addresses the key questions: Who are the winner and losers of the future? Who will have jobs, and which nations will prosper? All the while, Kaku illuminates the rigorous scientific principles, examining the rate at which certain technologies are likely to mature, how far they can advance, and what their ultimate limitations and hazards are. Synthesizing a vast amount of information to construct an exciting look at the years leading up to 2100, *Physics of the Future* is a thrilling, wondrous ride through the next 100 years of breathtaking scientific revolution.

The Grand Design - Stephen Hawking 2010-09-07
#1 NEW YORK TIMES BESTSELLER
When and how did the universe begin? Why are we here? What is the nature of reality? Is the apparent “grand design” of our universe evidence of a benevolent creator who set things in motion—or does science offer another

explanation? In this startling and lavishly illustrated book, Stephen Hawking and Leonard Mlodinow present the most recent scientific thinking about these and other abiding mysteries of the universe, in nontechnical language marked by brilliance and simplicity. According to quantum theory, the cosmos does not have just a single existence or history. The authors explain that we ourselves are the product of quantum fluctuations in the early universe, and show how quantum theory predicts the “multiverse”—the idea that ours is just one of many universes that appeared spontaneously out of nothing, each with different laws of nature. They conclude with a riveting assessment of M-theory, an explanation of the laws governing our universe that is currently the only viable candidate for a “theory of everything”: the unified theory that Einstein was looking for, which, if confirmed, would represent the ultimate triumph of human reason.

[STEM Starters for Kids](#)

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Engineering Activity Book -

Jenny Jacoby 2017-09-05

Engineering is what brings machines to life. Little learners can discover more about engineering at home by reading the simple explanations and doing the beautifully illustrated activities on each page. Start a lifelong passion for STEM subjects and inspire children to, one day, contribute an invention of their own to the world.

My First Book About Physics -

Patricia J. Wynne 2019-01-16

Physics is fun! It's all about pushing and pulling, running and jumping, rainbows and rockets — it's even about sports! Physics involves the sun and the moon and all the things around you, including how you use energy and how animals and plants do, too. This is the book you'll want to use to discover fascinating facts about gravity, light, heat, sound, and other wonders such as thunder and lightning and volcanoes. Find out how things move, how you see and hear, what electricity is, and what's inside an atom. These 46 detailed,

full-page illustrations with easy-to-understand captions will introduce you to the most basic concepts of physics, using memorable examples drawn from nature.

Trampolines - Jenny Fretland VanVoorst 2015-12-15

"Carefully leveled text and vibrant photographs introduce young readers to the physics principles responsible for a trampoline's behavior. Includes infographics, an experiment, glossary, and index."

The Jazz of Physics - Stephon Alexander 2016-04-26

More than fifty years ago, John Coltrane drew the twelve musical notes in a circle and connected them by straight lines, forming a five-pointed star. Inspired by Einstein, Coltrane put physics and geometry at the core of his music. Physicist and jazz musician Stephon Alexander follows suit, using jazz to answer physics' most vexing questions about the past and future of the universe.

Following the great minds that first drew the links between music and physics—a list

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including Pythagoras, Kepler, Newton, Einstein, and Rakim-
The Jazz of Physics reveals that the ancient poetic idea of the Music of the Spheres," taken seriously, clarifies confounding issues in physics. The Jazz of Physics will fascinate and inspire anyone interested in the mysteries of our universe, music, and life itself.

The Making of Modern Physics in Colonial India - Somaditya Banerjee 2020-05-14

This monograph offers a cultural history of the development of physics in India during the first half of the twentieth century, focusing on Indian physicists

Satyendranath Bose (1894-1974), Chandrasekhara Venkata Raman (1888-1970) and Meghnad Saha (1893-1956). The analytical category "bhadralok physics" is introduced to explore how it became possible for a highly successful brand of modern science to develop in a country that was still under colonial domination. The term Bhadraklok refers to the then emerging group of native

intelligentsia, who were identified by academic pursuits and manners. Exploring the forms of life of this social group allows a better understanding of the specific character of Indian modernity that, as exemplified by the work of bhadralok physicists, combined modern science with indigenous knowledge in an original program of scientific research. The three scientists achieved the most significant scientific successes in the new revolutionary field of quantum physics, with such internationally recognized accomplishments as the Saha ionization equation (1921), the famous Bose-Einstein statistics (1924), and the Raman Effect (1928), the latter discovery having led to the first ever Nobel Prize awarded to a scientist from Asia. This book analyzes the responses by Indian scientists to the radical concept of the light quantum, and their further development of this approach outside the purview of European authorities. The outlook of bhadralok physicists is

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characterized here as "cosmopolitan nationalism," which allows us to analyze how the group pursued modern science in conjunction with, and as an instrument of Indian national liberation.

The Order of Time - Carlo

Rovelli 2018-05-08

One of TIME's Ten Best Nonfiction Books of the Decade "Meet the new Stephen Hawking . . . The Order of Time is a dazzling book." --The Sunday Times From the bestselling author of *Seven Brief Lessons on Physics*, *Reality Is Not What It Seems*, and *Helgoland*, comes a concise, elegant exploration of time. Why do we remember the past and not the future? What does it mean for time to "flow"? Do we exist in time or does time exist in us? In lyric, accessible prose, Carlo Rovelli invites us to consider questions about the nature of time that continue to puzzle physicists and philosophers alike. For most readers this is unfamiliar terrain. We all experience time,

but the more scientists learn about it, the more mysterious it remains. We think of it as uniform and universal, moving steadily from past to future, measured by clocks. Rovelli tears down these assumptions one by one, revealing a strange universe where at the most fundamental level time disappears. He explains how the theory of quantum gravity attempts to understand and give meaning to the resulting extreme landscape of this timeless world. Weaving together ideas from philosophy, science and literature, he suggests that our perception of the flow of time depends on our perspective, better understood starting from the structure of our brain and emotions than from the physical universe. Already a bestseller in Italy, and written with the poetic vitality that made *Seven Brief Lessons on Physics* so appealing, *The Order of Time* offers a profoundly intelligent, culturally rich, novel appreciation of the mysteries of time.