

Relativity And Its Roots Banesh Hoffmann

Adventures with Sea Surface Meteorology
 His Life and Universe
 Inside Relativity
 Readable Relativity
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 Kepler's Somnium
 Lasers & Holography
 Galileo and the Scientific Revolution
 The History of the Telescope
 Understanding the Laws of Energy
 From Copernicus to Einstein and Beyond
 On the Sensations of Tone as a Physiological Basis for the Theory of Music
 More Experiments in Atmospheric Physics
 Applications of Satellites to Geodesy
 The Art and Science of Homeopathic Medicine
 Cloud Physics
 Theory of Satellite Geodesy
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 Relativity for the Questioning Mind
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 Albert Einstein, the Human Side
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 An Introduction to Coherent Optics
 Big Bang Physics from Before the First Millisecond to the Present Universe
 The Refrigerator and the Universe
 The Lightning Discharge
 Einstein's Legacy
 Why Symmetry Runs The Positive Circular Economy
 The Moment of Creation
 Newton to Einstein: The Trail of Light
 Making Your Own Telescope
 The Metaphysical Foundations of Modern Science
 What Is Relativity?
 A Student's Guide to Einstein's Major Papers
 Physics, the Human Adventure

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BRYAN ROBERTS

Adventures with Sea Surface Meteorology Courier Corporation

Fractals and chaos theory lead to startling graphics in this book by a renowned scientist, inventor, and artist, who coordinates information from disparate fields. Over 275 illustrations, 29 in color.

His Life and Universe Courier Corporation

Both a scientific treatise on lunar astronomy and a science-fiction story about a voyage to the moon, Kepler's Somnium went unrecognized for centuries. This edition presents a full translation from the original Latin.

Inside Relativity Courier Corporation

This book explains the laws of thermodynamics for science buffs and neophytes alike. The authors present the historical development of thermodynamics and show how its laws follow from the atomic theory of matter, then give examples of the laws' applicability to such phenomena as the

formation of diamonds from graphite and how blood carries oxygen.

Readable Relativity Courier Corporation

An absorbing account of the origins of modern science as well as a biography, this book places particular emphasis on Galileo's experiments with telescopes and his observations of the sky.

Relativity and Its Roots Cambridge University Press

Complete, detailed instructions and numerous diagrams for constructing a do-it-yourself telescope.

No complicated mathematics are involved, and no prior knowledge of optics or astronomy is needed to follow the text's step-by-step directions. Contents cover, among other topics, materials and equipment; tube parts and alignment; eyepieces, and related problems; setting circles; and optical principles. 1973 ed. Appendixes. Index. 6 plates. 100 figures.

Kepler's Somnium Simon and Schuster

This exploration of how people came to appreciate numbers traces the ways in which early humans gradually evolved methods for recording numerical data and performing simple calculations. Its profiles of ancient systems of recording numbers include Egyptian, Maya and

Aztec, Chinese, Greek, and the techniques of other cultures. 1974 edition.

Lasers & Holography Harvard University Press

Accessible, illustrated introduction covers wave patterns and coherence, summarizes the development of lasers and the phenomenon of wave diffraction, and describes zone plates and properties of holograms. 1981 edition.

Galileo and the Scientific Revolution Courier Corporation

Absorbing monograph by expert sets forth most of known properties of lightning: cloud and lightning charges, stepped leader, return stroke, dart leader, lightning on other planets, thunder, more. 144 illustrations.

The History of the Telescope Courier Corporation

A Nobel Laureate relates the fascinating story of Einstein and the development of relativity theory. Perfect for readers without a scientific background, it discusses the meaning of time, gravity and its effect on light, non-Euclidean geometry and the curving of space-time, and more. 189 black-and-white illustrations.

Understanding the Laws of Energy Oxford University Press

This undergraduate text takes the non-science student from Newton's particles to Einstein's relativity.

From Copernicus to Einstein and Beyond Courier Corporation

In 1905 Albert Einstein produced breakthrough work in three major areas of physics (atoms and Brownian motion, quanta, and the special theory of relativity), followed, in 1916, by the general theory of relativity. This book develops the detail of the papers, including the mathematics, to guide the reader in working through them.

On the Sensations of Tone as a Physiological Basis for the Theory of Music Courier Corporation

Text discusses earth's gravitational field; matrices and orbital geometry; satellite orbit dynamics; geometry of satellite observations; statistical implications; and data analysis.

More Experiments in Atmospheric Physics Courier Corporation

This compelling history portrays the human faces and lives behind the beginnings of atomic science, from experiments in the 1880s to the era just after the First World War.

Applications of Satellites to Geodesy Courier Corporation

Here a physicist and a professor of literature guide general readers through the ideas that revolutionized our conception of the physical universe.

The Art and Science of Homeopathic Medicine Courier Corporation

This classic in the philosophy of science describes and analyzes the profound change from the philosophy of the Middle Ages to the modern view of humanity's less central place in the universe. It offers a fascinating analysis of the works of Copernicus, Kepler, Galileo, Descartes, Hobbes, Gilbert, Boyle, and Newton.

Cloud Physics Courier Corporation

Relativity and Its Roots Courier Corporation

Theory of Satellite Geodesy Rutgers University Press

Classic text by a distinguished physician summarizes, interprets, and systematizes the traditions of

homeopathy; describes how to take a case history and study it; and explains how to interpret the many reactions to therapy and achieve a scientific understanding of a cure. Unabridged reprint of the classic 1900 edition.

Walter Isaacson Great Innovators e-book boxed set Courier Corporation

A collection of quotations from Einstein's nonscientific writing reveals the man's humor, compassion, sensitivity, and wisdom and illuminates the great physicist's complex personality Einstein Indiana University Press

This text explores the formation of clouds, ice crystals, and hail. It also reviews techniques for cloud modifications, artificial stimulation of rainfall, and modification of hailstorms. 26 figures. 16 halftones.

Relativity for the Questioning Mind Courier Corporation

This 1987 book studies electricity and magnetism, light, the special theory of relativity and modern physics.