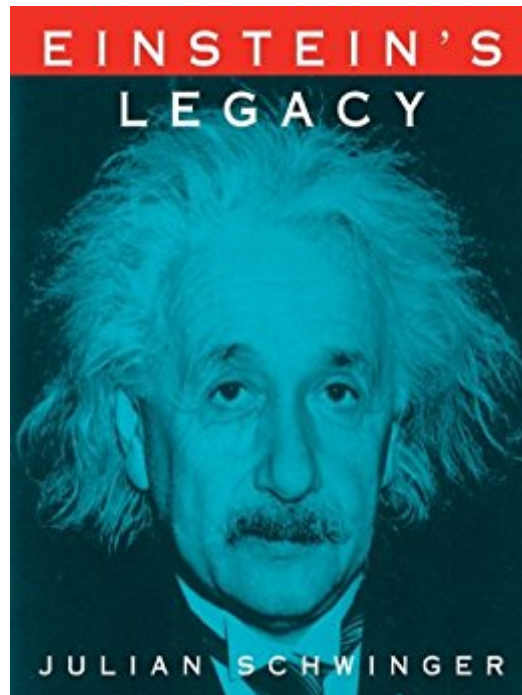




Ebook Directory
the best source of ebook

The book was found

Einstein's Legacy: The Unity Of Space And Time



Synopsis

In this splendidly lucid and profusely illustrated book, a Nobel laureate relates the fascinating story of Einstein, the general and special theories of relativity, and the scientists before and since who influenced relativity's genesis and development. Eschewing technical terms in favor of ordinary language, the book offers a perfect introduction to relativity for readers without specialized knowledge of mathematics and science. The author follows Einstein's own dictum to make explanations "as simple as possible, but not more so." His periodic use of equations as points of clarification involve nothing more than simple algebra; these can be disregarded by math-averse readers. Dr. Schwinger begins with a discussion of the conflict between two principles of electromagnetic theory that are irreconcilable in Newtonian physics, and how Einstein's attempts to resolve this conflict led to the theory of relativity. Readers learn about the meaning of time and the paradoxes of space travel at speeds close to that of light, following the development of Einstein's relativistic thought and his epochal perception that $E=mc^2$. Further chapters examine gravity and its effect on light; non-Euclidean geometry and the curving of space-time; and the impact of radio astronomy and space-age discoveries upon Einstein's model of the universe. Amusing quotes, suppositions, and illustrative fictions — along with numerous sidebars and boxes explaining physical principles, anomalies, events, and inventions — enhance this accessible introduction, and provide stimulating food for thought. Preface. 189 black-and-white illustrations. Sources of the Illustrations. Index.

Book Information

File Size: 9044 KB

Print Length: 274 pages

Page Numbers Source ISBN: 0486419746

Publisher: Dover Publications (May 24, 2012)

Publication Date: May 24, 2012

Sold by: Amazon Digital Services LLC

Language: English

ASIN: B00A736J3C

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #840,670 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #12

inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Mathematics > Geometry & Topology > Non-Euclidean Geometries #55 inÃ Â Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries #148 inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Relativity

Customer Reviews

fine, as described

I read this book and for the first time I understand what General Relativity is all about!

[Download to continue reading...](#)

Einstein's Legacy: The Unity of Space and Time Einstein Already had it, But He Did not See it: Part 0: The Discarded Term from the Einstein-Hilbert-Action (Einstein had it Book 1) Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time: Great Discoveries Anatomy & Physiology: The Unity of Form and Function: Anatomy & Physiology: The Unity of Form and Function Unity Vol. 1: To Kill A King (UNITY (2013-)) Unity in Action: Multiplatform Game Development in C# with Unity 5 How Einstein gives Dirac, Klein-Gordon and SchrÃfÂ¶dinger: Deriving the SchrÃfÂ¶dinger, Dirac and Klein-Gordon Equations from the Einstein-Field-Equations via an Intelligent Zero Black Holes and Time Warps: Einstein's Outrageous Legacy (Commonwealth Fund Book Program) Subaru Legacy & Forester: Legacy 2000 thru 2009 - Forester 2000 thru 2008 - Includes Legacy Outback and Baja (Haynes Repair Manual) Frank Einstein and the Electro-Finger (Frank Einstein series #2): Book Two Frank Einstein and the EvoBlaster Belt (Frank Einstein series #4): Book Four Frank Einstein and the BrainTurbo (Frank Einstein series #3): Book Three Frank Einstein and the Antimatter Motor (Frank Einstein series #1): Book One The Road to Relativity: The History and Meaning of Einstein's "The Foundation of General Relativity", Featuring the Original Manuscript of Einstein's Masterpiece Black Holes & Time Warps: Einstein's Outrageous Legacy (Commonwealth Fund Book Program) Burn for Me: A Hidden Legacy Novel (Hidden Legacy series, Book 1) (Hidden Legacy Novels) Einstein: A Life of Genius (The True Story of Albert Einstein) (Historical Biographies of Famous People) Ã Â¿Quien fue Albert Einstein? / Who Was Albert Einstein? (Spanish Edition) (Quien Fue? / Who Was?) Six Not-So-Easy Pieces: Einstein's Relativity, Symmetry, and Space-Time Six Not-So-Easy Pieces: Einstein's Relativity, Symmetry, and

Space-Time

Contact Us

DMCA

Privacy

FAQ & Help