The book was found

Theory Of Relativity: And Other Essays





Synopsis

E=mc2: It may be Einstein's most well-known contribution to modern science, but how many people understand the thought process or physics behind this famous equation? In this collection of his seven most important essays on physics, Einstein guides the listener step-by-step through the many layers of scientific theory that formed a starting point for his discoveries. By both supporting and refuting the theories and scientific efforts of his predecessors, Einstein reveals in a clear voice the origins and meaning of such significant topics as physics and reality, the fundamentals of theoretical physics, the common language of science, the laws of science and of ethics, and an elementary derivation of the equivalence of mass and energy. This remarkable collection allows the general reader to understand not only the significance of Einstein's masterpiece, but also the brilliant mind behind it.

Book Information

Audible Audio Edition Listening Length: 2 hours and 44 minutes Program Type: Audiobook Version: Unabridged Publisher: Audible Studios Audible.com Release Date: March 2, 2013 Whispersync for Voice: Ready Language: English ASIN: B00BNYEPI0 Best Sellers Rank: #41 in Books > Science & Math > Essays & Commentary #50 in Books > Science & Math > Physics > Relativity #59 in Books > Audible Audiobooks > Science > Physics

Customer Reviews

This is one of the slimmest books that I bought in 2001, bargain priced, and I was sure it could tell me a lot about myself as well as about how Einstein thought. I spent 1964 through 1967 studying the kind of mechanics which Einstein is thought to have expanded into another dimension by making time an axis which allows consideration of systems moving at different speeds. E=mc-squared was a formula that I knew from high school. When I was learning calculus at the University of Michigan in the fall of 1965, it seemed to be the perfect mathematics for expressing what happens to objects in motion. In algebra, the big problem for those of us with a one track mind, capable of being surprised by solutions which didn't actually fit the problem, was solving equations in ways which did not involve a solution that required dividing both sides of an equation by zero. In calculus, major trends were often considered much more important than minor trends when everything was divided by quantities that were so small, they were like numbers approaching zero, and borderline concepts were subject to the kind of ambivalence that makes borderline psychological experiences such a booming field in the area of personality disorders, but the key thing about this book is the attempt to keep an eye on what can be learned from science. I thought that I was picking up what still made sense to me in the U of M introduction to Physics until there was a question on the final exam which asked for a mathematical manipulation of equations to produce the result E = mc-squared. I knew some equations, and wrote a few things down, but I didn't come up with that answer. I think I even looked in the textbook after the test, to see if I had forgotten something which was on one page, but I couldn't find that page.

Download to continue reading...

Theory of Relativity: and Other Essays Essays That Will Get You into Medical School (Essays That Will Get You Into...Series) [Second Edition] (Barron's Essays That Will Get You Into Medical School) Transformations Of Coordinates, Vectors, Matrices And Tensors Part I: LAGRANGE'S EQUATIONS, HAMILTON'S EQUATIONS, SPECIAL THEORY OF RELATIVITY AND CALCULUS ... Mathematics From 0 And 1 Book 16) Electrodynamics: The Field-Free Approach: Electrostatics, Magnetism, Induction, Relativity and Field Theory (Undergraduate Lecture Notes in Physics) Einstein in Matrix Form: Exact Derivation of the Theory of Special and General Relativity without Tensors (Graduate Texts in Physics) The Perfect Theory: A Century of Geniuses and the Battle over General Relativity Relativity: The Special and the General Theory Theoretical Physics 4: Special Theory of Relativity The Meaning of Relativity: Including the Relativistic Theory of the Non-Symmetric Field, Fifth Edition (Princeton Science Library) James Baldwin : Collected Essays : Notes of a Native Son / Nobody Knows My Name / The Fire Next Time / No Name in the Street / The Devil Finds Work / Other Essays (Library of America) Contesting the Subject: Essays in the Postmodern Theory and Practice of Biographical Criticism (The Theory and Practice of Biography a) Legal Theory and the Legal Academy: Volume III (The Library of Essays in Contemporary Legal Theory) The Methodology of Legal Theory: Volume I (The Library of Essays in Contemporary Legal Theory) Speech and Phenomena: And Other Essays on Husserl's Theory of Signs (Studies in Phenomenology and Existential Philosophy) The Physics and Philosophy of the Bible: How Relativity, Quantum Physics, Plato, and History Meld with Biblical Theology to Show That God Exists and That ... Live Forever (The Inevitable Truth Book 1) Special Relativity: An Introduction with 200 Problems and Solutions Relativity: Special, General, and Cosmological Hidden In Plain Sight:

The simple link between relativity and quantum mechanics Fundamentals of Physics: Mechanics, Relativity, and Thermodynamics (The Open Yale Courses Series) How to Teach Relativity to Your Dog

<u>Dmca</u>