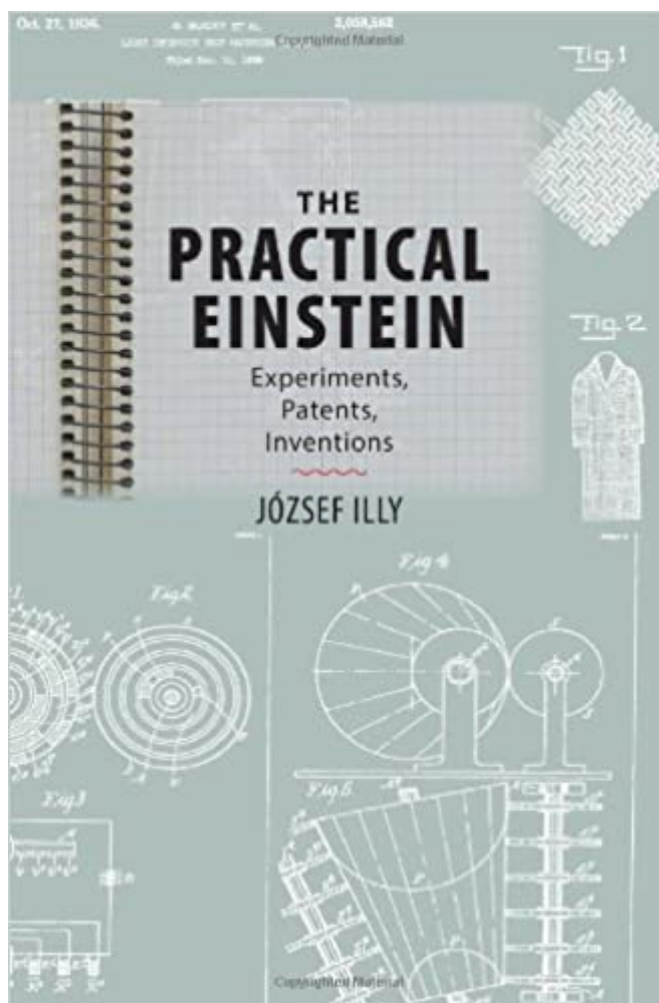


The book was found

The Practical Einstein: Experiments, Patents, Inventions



Synopsis

Albert Einstein may be best known as the wire-haired whacky physicist who gave us the theory of relativity, but that's just one facet of this genius's contribution to human knowledge and modern science. As Jeffrey Illy expertly shows in this book, Einstein had an eminently practical side as well. As a youth, Einstein was an inveterate tinkerer in the electrical supply factory his father and uncle owned and operated. His first paid job was as a patent examiner. Later in life, Einstein contributed to many inventions, including refrigerators, microphones, and instruments for aviation. In published papers, Einstein often provided ways to test his theories and fundamental problems of the scientific community of his times. He delved deeply into a variety of technological innovations, most notably the gyrocompass, and consulted for industry in patent cases and on other legal matters. Einstein also provided explanations for common and mundane phenomena, such as the meandering of rivers. In these and other hands-on examples culled from the Einstein Papers, Illy demonstrates how Einstein enjoyed leaving the abstract world of theories to wrestle with the problems of everyday life. While we may like the idea of Einstein as a genius besotted by extra dimensions and too out-of-this-world to wear socks, *The Practical Einstein* gives ample evidence that this characterization is both incomplete and an unfair representation of a man who sought to explore the intricacies of nature, whether in theory or in practice.

Book Information

Paperback: 216 pages

Publisher: Johns Hopkins University Press; Reprint edition (June 20, 2013)

Language: English

ISBN-10: 1421411717

ISBN-13: 978-1421411712

Product Dimensions: 6 x 0.5 x 9 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #667,052 in Books (See Top 100 in Books) #110 in Books > Science & Math > Physics > Applied #609 in Books > Science & Math > Physics > Quantum Theory #3606 in Books > Science & Math > History & Philosophy

Customer Reviews

"A lesser-known aspect of Einstein's incredible contribution to understanding the physical universe and human creations makes up the subject of this fascinating book... In this compact, readable

account, one discovers Einstein's practical interests that lay beyond his seminal work in relativity and quantum physics... Highly recommended." (Choice)"One turns to J. J. Illy's lovely little book on Einstein the experimenter and inventor... With a lean and matter-of-fact prose, he takes us through a long history of such things as Einstein's many expert opinions on everything from gyrocompasses and pile drivers to an 'electroponic piano' and a makeup mirror. We learn about Einstein's own inventions, ranging from an airfoil and a refrigerator to an altimeter and a light-intensity self-adjusting camera. The book concludes with the most complete history ever written of Einstein's work for the US Navy during World War II on magnetic-influence proximity fuses for torpedoes." (Don Howard Physics Today)"Einstein's papers reveal a down-to-earth side. Learn about his inventions and ideas, including waterproof breathable clothes and an explanation for rivers' meanderings." (Science News)"A must for any Einstein historian and refreshing reading for anyone interested in the meanderings of a great scientist, The Practical Einstein is a special book. Enjoy!" (Adriana Palffy Contemporary Physics)"This short but well-documented book is not a radical evaluation, but an engaging one. It suggests a more human and more 'hands-on' Einstein than the popular myth, and perhaps a better role model: his career of mixed productivity, eclectic interests, consulting work and brief enthusiasms may be recognizable to more than a few contemporary scientists." (Sean Johnston British Journal for the History of Science)

Outstanding Academic Title, Choice MagazineAlbert Einstein may be best known as the wire-haired whacky physicist who gave us the theory of relativity, but that's just one facet of this genius's contribution to human knowledge and modern science. As J. J. Illy expertly shows in this book, Einstein had an eminently practical side as well. As a youth, Einstein was an inveterate tinkerer in the electrical supply factory his father and uncle owned and operated. His first paid job was as a patent examiner. Later in life, Einstein contributed to many inventions, including refrigerators, microphones, and instruments for aviation. In these and other hands-on examples culled from the Einstein Papers, Illy demonstrates how Einstein enjoyed leaving the abstract world of theories to wrestle with the problems of everyday life."With a lean and matter-of-fact prose, [Illy] takes us through a long history of such things as Einstein's many expert opinions on everything from gyrocompasses and pile drivers to an 'electroponic piano' and a makeup mirror. We learn about Einstein's own inventions, ranging from an airfoil and a refrigerator to an altimeter and a light-intensity self-adjusting camera. The book concludes with the most complete history ever written of Einstein's work for the US Navy during World War II on magnetic-influence proximity fuses for torpedoes." Physics Today"Einstein's papers reveal a

down-to-earth side. Learn about his inventions and ideas, including waterproof breathable clothes and an explanation for rivers' meanderings." Science News "A lesser-known aspect of Einstein's incredible contribution to understanding the physical universe and human creations makes up the subject of this fascinating book... In this compact, readable account, one discovers Einstein's practical interests that lay beyond his seminal work in relativity and quantum physics." Choice

A+

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

The Practical Einstein: Experiments, Patents, Inventions 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) Patents Demystified: An Insider's Guide to Protecting Ideas and Inventions J.S.Bach - Inventions and Sinfonias: Two- and Three-Part Inventions (Alfred Masterwork Edition) 1001 Inventions and Awesome Facts from Muslim Civilization: Official Children's Companion to the 1001 Inventions Exhibition (National Geographic Kids) Fun Food Inventions (Awesome Inventions You Use Every Day) Bach -- Inventions & Sinfonias (2 & 3 Part Inventions): Comb Bound Book & CD (Alfred Masterwork CD Edition) J.S.Bach Complete 2 Part Inventions Arranged for Six String Solo Bass (Johann Sebastian Bach Complete 2 Part Inventions) (Volume 3) Einstein's Cosmos: How Albert Einstein's Vision Transformed Our Understanding of Space and Time: Great Discoveries Einstein: A Life of Genius (The True Story of Albert Einstein) (Historical Biographies of Famous People) 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 ¿ Quien fue Albert Einstein? / Who Was Albert Einstein? (Spanish Edition) (Quien Fue? / Who Was?) How Einstein gives Dirac, Klein-Gordon and Schrödinger: Deriving the Schrödinger, Dirac and Klein-Gordon Equations from the Einstein-Field-Equations via an Intelligent Zero The Road to Relativity: The History and Meaning of Einstein's "The Foundation of General Relativity", Featuring the Original Manuscript of Einstein's Masterpiece Albert Einstein and Relativity for Kids: His Life and Ideas with 21 Activities and Thought Experiments (For Kids series) The Everything Kids' Easy Science Experiments Book: Explore the world of science through quick and fun experiments! (Everything® Kids) Science Experiments For Kids: 40 + Cool Kids Science Experiments (A Fun & Safe Kids Science Experiment Book)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)