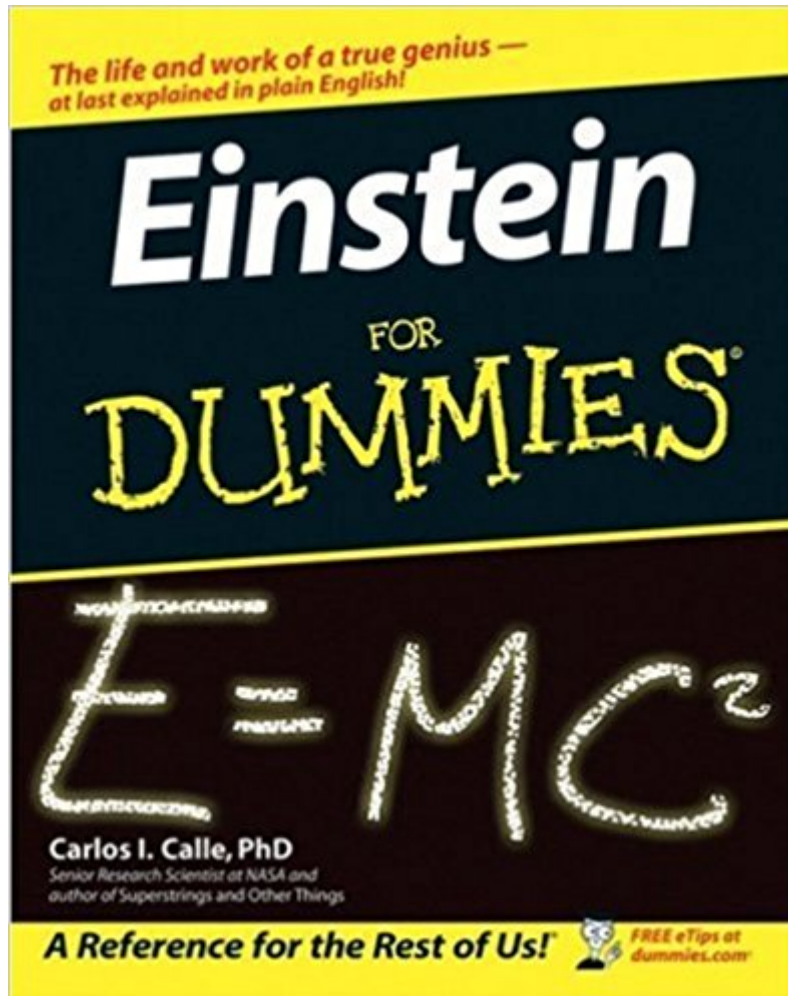




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Einstein For Dummies



Synopsis

Genius demystified, the Dummies way! In 1905, Albert Einstein revolutionized modern physics with his theory of relativity. He went on to become a twentieth-century icon-a man whose name and face are synonymous with "genius." Now, at last, ordinary readers can explore Einstein's life and work in this new For Dummies guide. Physicist Carlos Calle chronicles Einstein's career and explains his work-including the theories of special and general relativity-in language that anyone can understand. He shows how Einstein's discoveries affected everything from the development of the atom bomb to the theory of quantum mechanics. He sheds light on Einstein's personal life and beliefs, including his views on religion and politics. And he shows how Einstein's work continues to affect our world today, from nuclear power to space travel to artificial intelligence.

Book Information

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Customer Reviews

Understand his theories of special and general relativity The genius of Einstein demystified the Dummies Way! Eager to understand Einstein? This fun, accessible guide clearly explains his amazing theories and the tremendous impact of his discoveries on contemporary life and science. You get a glimpse into Einstein's personal life and beliefs, as well as an overview of the main events that shaped his ideas and laid the groundwork for his accomplishments. Discover Einstein's thoughts and motivations The scientists who influenced his work His connection to the nuclear bomb Einstein's greatest blunder

Carlos I. Calle, PhD, is a NASA senior research scientist with a doctorate in physics and extensive

professional experience in Einstein's theories.

It's not great.- He spends far too much time on other contemporary scientists and their lives/discoveries.- This is really for "dummies". It would be nice to have a little math and actual physics -- even high school level -- to show the amazing beauty of what Einstein discovered and visualized. He avoids any real technology completely.- Too many forward and backward references -- it becomes far too distracting, and then annoying. "Well, I'll cover this later..." for the umpteenth time gets old. "Just like I covered in previous..." too. One nice part is he did spend good effort on letting us know Einstein the man, husband, father -- the guy -- not just the once in a millenium genius.

I have a Ph. D. in organic chemistry but really learned a lot and enjoyed this book. He does a great job in discussing the progression of knowledge leading to an understanding of nuclear energy. I had never heard of Lise Meitner but she was young Jewish lady to played a critical role in its development. A great read for one interested in Science.

I'm not a Dummy, I'm a retired Theoretical Physicist but I still found this book filled with interesting information. Don't let the title put you off, the subtitle is "a reference for others". All of the "Dummy" books are great.

Interesting discussion of Einstein's academic and personal life. Good examples on how his theories have been validated. However, I found the explanations of relativity and gravity difficult to follow. I am an aeronautical engineering graduate from MIT; perhaps I'm too deeply entrenched with Newtonian physics!

At last, an author who explains Einstein in plain English to ordinary readers, with plenty of illustrations. Dr. Calle is a NASA senior research scientist with a doctorate in physics and extensive professional experience in Einstein's theories. This guy really understands Einstein's ideas, and that's undoubtedly the reason why he explains them so well. I bought the 384 page Kindle edition (\$11.49) because it's a great bargain. Buy this book! You won't be sorry.

I am an Accountant by profession with an interest in popular Science. This book was a fantastic read for me. I was looking for something which will make me understand the General Theory of

Relativity and I stumbled upon this book. I particularly liked the way the Author traces the development of theories starting right from Newton and ends with emerging theories on Dark energy. The author does not introduce any of the concepts abruptly. He starts with something which we can understand and relate in our daily lives and gradually builds the logic to arrive at the concept. In doing so, he also gives us a brief background of the different scientists who have contributed to the emergence of Physics. He also gives us an idea of what are the key scientific mysteries prevalent at the time and which Scientists are grappling with. This helps us better appreciate how a particular law in physics were discovered. I would recommend this to anyone who would like to know the various discoveries made by Einstein and more importantly, why did he made those discoveries. Happy Reading :)

When you want to begin a journey to the realm of relativity, I think this book written by Carlos I. Calle should be your very first stop and visit for your enthusiastic trip to the theory of relativity. I read it through with great enthusiasm and tension. I recommend it to everyone who wants to set foot on relativity before digging seriously to Einstein's seminal work on relativity.

Not only the explanation of Einstein's work is at the sweet point of simplicity and complexity but it also gives a truly great overview of the history of physics. Moreover, the book is entertaining because it excels at interlacing Einstein's personal motivation with scientific achievements. I just paid a small fortune to buy the out-of-print Spanish version to give to my relatives who do not speak English and have no science background. I'm an engineer and wish I'd had this book since when I first studied physics at 12.

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