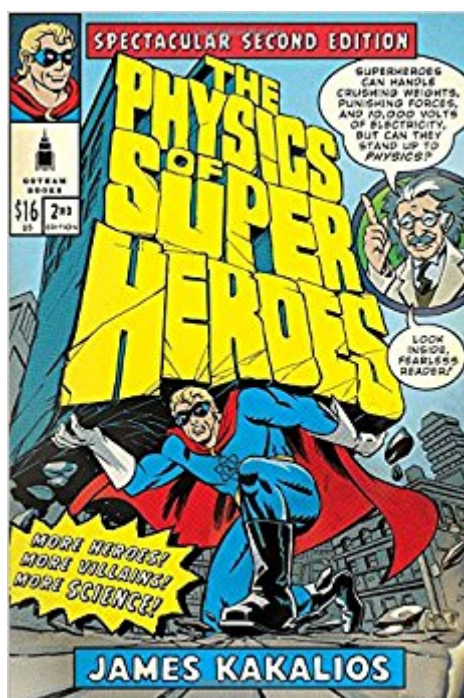


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# The Physics Of Superheroes: More Heroes! More Villains! More Science! Spectacular Second Edition



## Synopsis

A complete update to the hit book on the real physics at work in comic books, featuring more heroes, more villains, and more science. Since 2001, James Kakalios has taught "Everything I Needed to Know About Physics I Learned from Reading Comic Books," a hugely popular university course that generated coast-to-coast media attention for its unique method of explaining complex physics concepts through comics. With *The Physics of Superheroes*, named one of the best science books of 2005 by *Discover*, he introduced his colorful approach to an even wider audience. Now Kakalios presents a totally updated, expanded edition that features even more superheroes and findings from the cutting edge of science. With three new chapters and completely revised throughout with a splashy, redesigned package, the book that explains why Spider-Man's webbing failed his girlfriend, the probable cause of Krypton's explosion, and the Newtonian physics at work in Gotham City is electrifying from cover to cover.

## Book Information

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## Customer Reviews

James Kakalios is a professor in the School of Physics and Astronomy at the University of Minnesota, where he has taught since 1988, and where his class "Everything I Needed to Know About Physics I Learned from Reading Comic Books" is a popular freshman seminar. He received his Ph.D. in 1985 from the University of Chicago, and has been reading comic books for much longer.

Loved it! He gets bogged down a little in the science stuff but comes out of it with simple but colorful examples of EXACTLY what is happening when a superhero performs their feat of power. He keeps based in reality though so if you expect him to tell you how Superman flies without wings then you're out of luck.

He was my junior year In college quantum teacher and he wrote a great, informative book here just alike to his teaching style. A good read for all!

2 of my favourite things are science and comic books and this book gives pretty well reasoned explanations of why the Flash can move so fast and why Spiderman doesn't dislocate his shoulders swing through NYC and also just what would entail to leap over a tall building in a single bound

This is a different way to approach physics that makes it relevant to everyone who wants to explore the scientific possibilities of superheroes and their powers. It is a book that requires your concentration, but is manageable for those who are just average folks. It is fun too!

A great way for an air-head such as myself (17) to get a grip on physics. Buy this if you love superheroes and want to learn physics. Simple as that :D

This is a fun book that breaks physics principles down into easily understandable, non math intensive, bite sized chunks in a fun and entertaining way. I bought it to have on my desk as a science teacher.

I love this book! It's so fun and interesting. It's a history lesson on comics and some amazing science! For the first time physics makes sense! I'm using it to teach my son for homeschooling and I'm learning as much as he is!

I took some Physics classes in college, and was able to grasp most of the ideas in the first reading. I had to reread some of the concepts a second time to understand them. This book is recommended for those who at least have basic knowledge of Physics, or you will be struggling. One of my favourite chapters would be the one on Spiderman! I also learnt about the background of lesser known Superheroes. For the price of a bargain book, definitely a good buy!

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