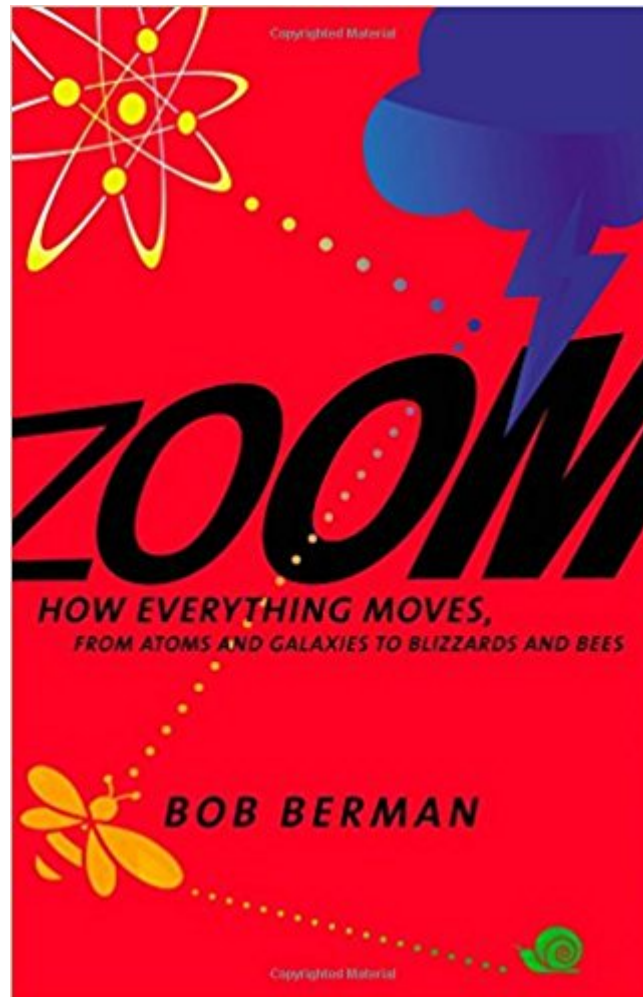


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# Zoom: How Everything Moves: From Atoms And Galaxies To Blizzards And Bees



## Synopsis

From the speed of light to moving mountains--and everything in between--ZOOM explores how the universe and its objects move. If you sit as still as you can in a quiet room, you might be able to convince yourself that nothing is moving. But air currents are still wafting around you. Blood rushes through your veins. The atoms in your chair jiggle furiously. In fact, the planet you are sitting on is whizzing through space thirty-five times faster than the speed of sound. Natural motion dominates our lives and the intricate mechanics of the world around us. In ZOOM, Bob Berman explores how motion shapes every aspect of the universe, literally from the ground up. With an entertaining style and a gift for distilling the wondrous, Berman spans astronomy, geology, biology, meteorology, and the history of science, uncovering how clouds stay aloft, how the Earth's rotation curves a home run's flight, and why a mosquito's familiar whine resembles a telephone's dial tone. For readers who love to get smarter without realizing it, ZOOM bursts with science writing at its best.

## Book Information

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## Customer Reviews

I am a graduate engineer..this book is the best (everyday) explanation of physical events..physics,,speed, light,chemistry etc .that I have ever read. Read it!

Fun book with good explanations of everyday motion. This book is a good gift for the college student to read before taking Physics 101.Learned more about sand than I ever knew. Lots of other interesting facts with humor I do not find in most scientific literature. Great biographies of people important to discoveries we take for granted. Read this book.

Another highly entertaining Bob Berman book! It's actually not \*only\* about speeds and feeds ...there's lots of back-story insights and excellent footnotes in the back that are best read in-flight. Bob is a local here in the Woodstock area and his talks and astronomy classes are all superb as are all his books. His writing style is easy and breezy and he makes science come to life in an entertaining and memorable way in this book as in all his others. If you have a curious mind and like science and nature you will surely enjoy it!

okay i am a geek, so the premise of the book was of interest to me, just for starters. the author presents his overview of motion in a very straightforward manner with just enough fluff to keep what could be a very dry subject, moving along. usually i do not read the notes as i encounter them, but after the first few, i found myself jumping back and forth to the notes as i tripped across them, the notes were interesting and well worth the effort, as the explanations or detail provided are enlightening and certainly germane to the topic at hand. my only critique would have come down to the "folksy" style" Mr Berman took at times, as it felt a bit over the top dumbing down. i mean Peoria and polka dot tuxedos? although the point was well taken and i am just reaching. okay i lied, after considering for a moment, the structure of the book was strained at times, to fit the metaphor he evoked at the beginning a great read for a summer book and although a bit pricey in the Kindle edition, i did not regret the money or time i invested in this tome. so whether or not you are a geek like me, who eats this sort of stuff up for lunch, or just have a passing notion of learning a thing or two about the physics and how it relates to the real, and somewhat confusing unreal world of quantum mechanics, you would be well served to spend a bit of time with this book.

What a wonderfully fun, interesting and informative book to read. Berman discusses motion (not such an ordinary topic as one might think) from nada- at absolute zero- to movement millions of times faster than the speed of light (yeah millions). The "every day" turns into magic and fascination. If you can read this book and not see the world in which you live as a more wonderful and interesting place to live-- call your doctor. Yeah I will still probably walk through NE snow storms catching snow flakes in my mouth but now I will know what it is I am eating. Caveat emptor. :-)

Terrific! Tirelessly researched, loaded with great, almost trivia like facts, while clearly describing select examples of motion. The author has an appealing sense of humor that adds to the readability.

Readers of Bob Berman know his exceptional talent for describing complex physical phenomena and scientific theory in terms we can all understand, and this new book continues this tradition and is thus filled with fantastic information about our wondrous environment! Not only a scientific odyssey, this is a personal story of discovery - for Bob and others like him, the scientists and philosophers throughout history that have formed the foundation of our knowledge and understanding of the reality that is our environment and ourselves. This book made me feel like Alice - in a wonderland just as magical and improbable as that of hers, but one that I could understand. Zoom is for everyone, and from the very first page will immerse you in a story that will change the way you look at the world and your place in it forever.

I loved this book. Berman's writing is fast paced, vivid, and offers captivating insights into the nature of motion in every conceivable aspect of the universe -- from the tiniest to the largest reality of all. I had read a positive review in one of the newspapers and that reviewer was absolutely correct. I learned a vast amount about the nature of our world. Thanks, Bob Berman, you captivated my imagination.

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