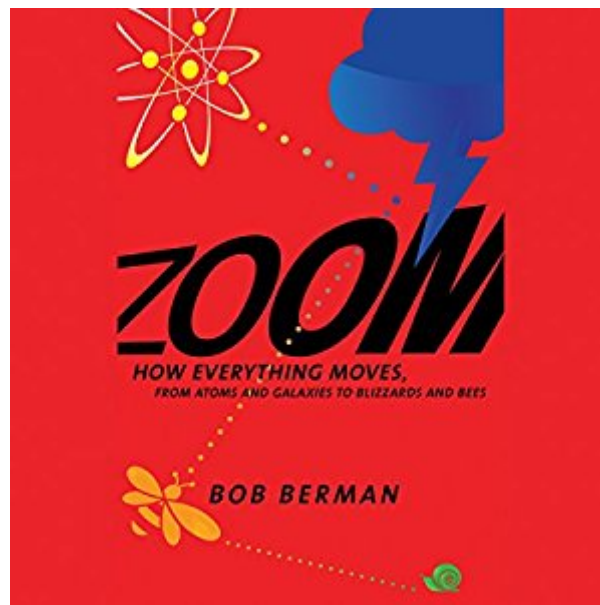




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Zoom: From Atoms And Galaxies To Blizzards And Bees: How Everything Moves



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 35 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 informative and entertaining style and a knack 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.

Book Information

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Customer Reviews

okay i am a geek, so the premise of the book was of interest to me, just for starters. the author presents his over view of motion in a very straight forward manner with just enough fluff to keep what could be a very dry sibject, moving along.usually i do not rad 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 polk dot tuxedos? although the point was well taken and i am just reachng. okay i lied,after considering fro a moment, the structure of the book was strained at times, to fit the metaphor he evoked at the beginnnga great read for a summer book and although a bit pricy 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 to 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 time 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. :-)

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.

I liked this book a lot! I know thats not saying much but it is a fun read. Like did you know that a rain drop fall at 26 miles an hour?When I was in high school ... way back when a student asked "What is time?" When I responded with it's 20 after 10 hesaid NO! NO! not what time it is ... WHAT IS TIME??. I decided to find out and after a life time of research I have come to believe that no one knows.Yes time, speed and distance are all is the same equation. If that is what you are thinking.John Vahrenwald

Love this book, but this is coming from someone thrilled by minutia and trivial bits of science such as distances and temperatures. If you're the type of reader that enjoys Bill Bryson when he dabbles into a home's history, then you'll find Berman's book equally enjoyable for the science end. Same style of writing, and equally filled with tons and tons of readable facts that will stagger your imagination. Worth getting, even as a few years have passed since it's publication.

Great reading!

Very entertaining! Learned a lot of things I did not know. Good read!

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.

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