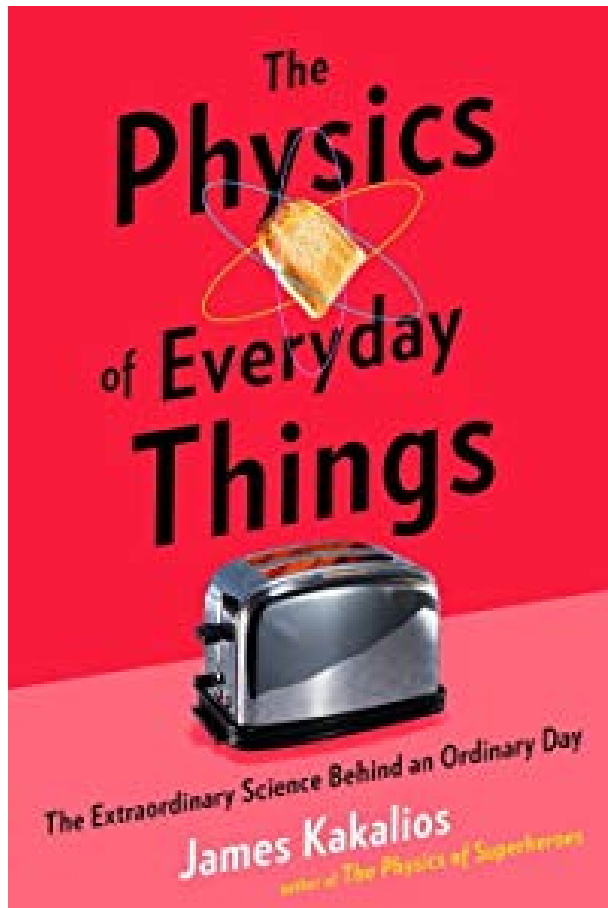


The Physics of Everyday Things: The Extraordinary Science Behind an Ordinary Day



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Physics professor, bestselling author, and dynamic storyteller James Kakalios reveals the mind-bending science behind the seemingly basic things that keep our daily lives running, from our smart phones and digital clouds to x-ray machines and hybrid vehicles. Most of us are clue when it comes to the physics that makes our modern world so convenient. What's the simple physics behind motion sensors, touch screens, and toasters? How do we glide through tolls using an E-Z Pass, or find our way to new places using GPS? In *The Physics of Everyday Things*, James Kakalios takes us on an amazing journey into the wild subatomic world that underlies so much of what we use and take for granted. Breaking down the world of things into sections that outline a single day, Kakalios satisfies our curiosity about how our refrigerators keep our food cool, how a plane manages to remain airborne, and how our wrist fitness monitors keep track of our steps. Each explanation is coupled with a story showing the astonishing science at work and revealing the interplay of the invisible forces that surround us. Through this narrative physics, *The Physics of Everyday Things* demonstrates that far from the abstractions conjured by phrases like the Higgs Boson, black holes, and gravity waves sophisticated science is also quite practical. With his signature clarity and cleverness, Kakalios enthralls us with the principles that make up our lives and opens our imaginations."