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## The Manga Guide to Relativity

By Masafumi Yamamoto, Keita Takatsu, Hideo Nitta, Trend-Pro Co. Ltd.

No Starch Press, US. Paperback. Book Condition: new. BRAND NEW, The Manga Guide to Relativity, Masafumi Yamamoto, Keita Takatsu, Hideo Nitta, Trend-Pro Co. Ltd., Everything's gone screwy at Tagai Academy. When the headmaster forces Minagi's entire class to study Einstein's theory of relativity over summer school, Minagi volunteers to go in their place. There's just one problem: He's never even heard of relativity before! Luckily, Minagi has the plucky Miss Uraga to teach him. Follow along with The Manga Guide to Relativity as Minagi learns about the non-intuitive laws that shape our universe. Before you know it, you'll master difficult concepts like inertial frames of reference, unified spacetime, and the equivalence principle. You'll see how relativity affects modern astronomy and discover why GPS systems and other everyday technologies depend on Einstein's extraordinary discovery. The Manga Guide to Relativity also teaches you how to: \* Understand and use  $E = mc^2$ , the world's most famous equation \* Calculate the effects of time dilation using the Pythagorean theorem \* Understand classic thought experiments like the Twin Paradox, and see why length contracts and mass increases at relativistic speeds \* Grasp the underpinnings of Einstein's special and general theories of relativity If the idea...



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