

Why Physics Doesn't Have to Be Intimidating

A closer look at Physics for Young Adults, 4th Edition (Pashitor Writers, 2026)

For most students, physics has a reputation problem. Say the word and people picture chalkboards crammed with Greek letters, word problems about trains passing in the night, and formulas that seem to exist purely to induce panic before an exam. Physics for Young Adults, now in its fourth edition from Pashitor Writers, is built around a simple bet: that reputation is undeserved, and the subject just needs a better introduction.

Aimed at readers aged sixteen and up — secondary school students, college freshmen, or adults revisiting science for the first time in years — the book walks through 28 chapters covering the full arc of the subject: motion and gravitation, sound and light, electricity and magnetism, thermodynamics, atomic and quantum physics, and Einstein's relativity. It doesn't stop at theory. Chapters on laboratory safety, the scientific method, and everyday phenomena like mirages and echoes ground the material in things readers can actually observe.

Formulas explained, not just presented

What sets the book apart is its refusal to drop an equation on the page and move on. Newton's Second Law, Coulomb's Law, Ohm's Law, and even $E = mc^2$ are each unpacked variable by variable, with plain-language explanations of what they mean and where they show up in the real world — from aircraft wings to MRI machines to the centrifuge training pilots undergo to withstand G-forces.

The result is a book that works equally well as a first introduction, a homeschool resource, or a refresher for adults heading back into technical study. It doesn't replace a rigorous university textbook, but it does something arguably more valuable for a beginner: it makes physics feel approachable enough to keep reading.

Physics for Young Adults, 4th Edition is available now on Lulu and www.pashitorwriters.com.