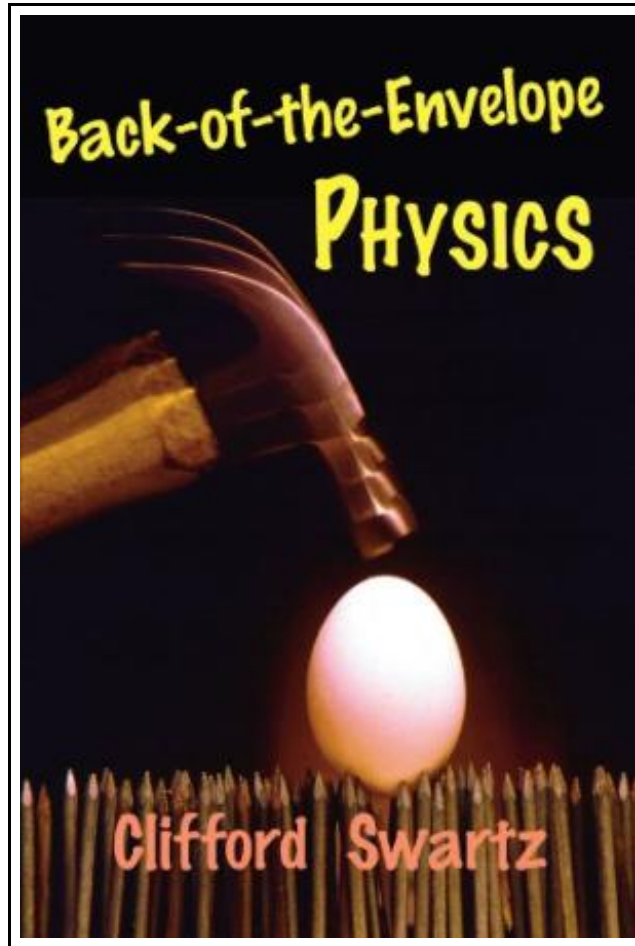


Back-of-the-Envelope Physics



Filesize: 8.58 MB

Reviews

An exceptional ebook along with the typeface applied was intriguing to read. It is definitely simplistic but unexpected situations within the fifty percent of the publication. You are going to like just how the writer publish this pdf.

(Adeline O'Kon)

BACK-OF-THE-ENVELOPE PHYSICS



Johns Hopkins University Press. Paperback. Book Condition: new. BRAND NEW, Back-of-the-Envelope Physics, Clifford E. Swartz, Physicists use "back-of-the-envelope" estimates to check whether or not an idea could possibly be right. In many cases, the approximate solution is all that is needed. This compilation of 101 examples of back-of-the-envelope calculations celebrates a quantitative approach to solving physics problems. Drawing on a lifetime of physics research and nearly three decades as the editor of *The Physics Teacher*, Clifford Swartz provides simple, approximate solutions to physics problems that span a broad range of topics. What note do you get when you blow across the top of a Coke bottle? Could you lose weight on a diet of ice cubes? How can a fakir lie on a bed of nails without getting hurt? Does draining water in the northern hemisphere really swirl in a different direction than its counterpart below the equator? In each case, only a few lines of arithmetic and a few natural constants solve a problem to within a few percent. Covering such subjects as astronomy, magnetism, optics, sound, heat, mechanics, waves, and electricity, the book provides a rich source of material for teachers and anyone interested in the physics of everyday life.



[Read Back-of-the-Envelope Physics Online](#)

[Download PDF Back-of-the-Envelope Physics](#)

See Also



Readers Clubhouse Set B What Do You Say

Barron s Educational Series, United States, 2006. Paperback. Book Condition: New. Ann Losa (illustrator). 142 x 13 mm. Language: English . Brand New Book. This is volume six, Reading Level 2, in a comprehensive program...

[Read Document »](#)



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Read Document »](#)



Smile/Cry: Happy or Sad, Wailing or Glad - How Do You Feel Today?

Exisle Publishing (Australia). Hardback. Book Condition: new. BRAND NEW, Smile/Cry: Happy or Sad, Wailing or Glad - How Do You Feel Today?, Tania McCartney, Jess Racklyeft, An innovative flip-over picture book for young kids, showcasing...

[Read Document »](#)



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters!

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on...

[Read Document »](#)



13 Things Rich People Won t Tell You: 325+ Tried-And-True Secrets to Building Your Fortune No Matter What Your Salary (Hardback)

Reader s Digest Association, United States, 2013. Hardback. Book Condition: New. 231 x 160 mm. Language: English . Brand New Book. Did you read about the janitor who donated million dollars to his local...

[Read Document »](#)