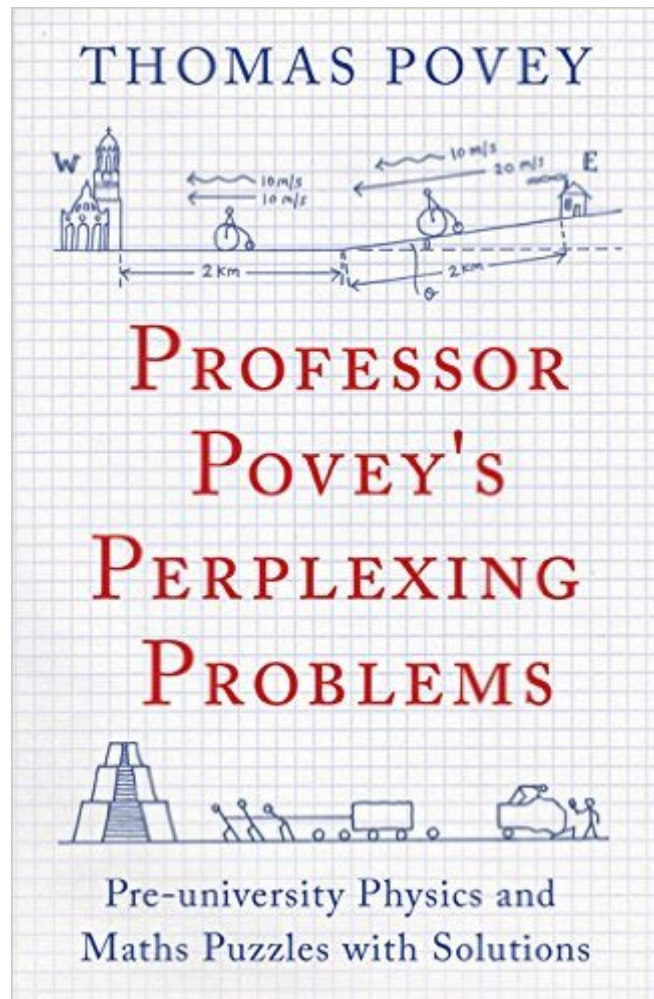


The book was found

Professor Povey's Perplexing Problems: Pre-university Physics And Maths Puzzles With Solutions



Synopsis

In Professor Povey's Perplexing Problems, Thomas Povey shares 109 of his favorite problems in physics and maths. A tour de force of imagination and exposition, he guides us through uncompromisingly challenging territory that expands our minds and encourages a playful and exploratory approach to study. "The puzzles," he says, "are like toys. We should pick up the one we most enjoy, and play with it." Whether you are an aspiring scientist or an old-hand, pitting yourself against these problems will test your ability to think, and inspire you with curiosity and enthusiasm for physics. Presented with charm and wit, the questions span the gap between high-school and university-entrance standard material. Detailed answers are lightened with a fascinating and refreshing blend of scientific history, application and personal anecdote. On this delightful and idiosyncratic romp through pre-university maths and physics, the author shows us that behind every single one of these questions lies a new way of thinking about subjects we thought we had understood. He argues that engaging with the unfamiliar is key to forming deeper insights and developing intellectual independence. Professor Povey's Perplexing Problems is a manifesto that science should be playful, and a celebration of the curious.

Book Information

Paperback: 384 pages

Publisher: Oneworld Publications (September 15, 2015)

Language: English

ISBN-10: 1780747756

ISBN-13: 978-1780747750

Product Dimensions: 5.9 x 1.2 x 9 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: 4.7 out of 5 stars Â Â See all reviews Â (9 customer reviews)

Best Sellers Rank: #178,914 in Books (See Top 100 in Books) #70 in Â Books > Humor & Entertainment > Puzzles & Games > Math Games #2871 in Â Books > Education & Teaching > Higher & Continuing Education #3326 in Â Books > Science & Math > Mathematics

Customer Reviews

Professor Povey's Perplexing Problems: Pre-University Physics and Maths Puzzles with Solutions by Thomas Povey and published by Oneworld Publications, 10 Bloomsbury Street, London WC1B 3SR, England, pp. x + 374, (2015), \$26.99, paperback, ISBN:

978-1-78074-775-0. Here we have 14 chapters listed as topics that one would expect in any

introductory physics textbook with problems/puzzles related to the physics topic. In total there are 104 problems, e.g. there are 17 under Geometry, 12 under Mathematics and Gravity, and anywhere from 3 to 9 under Statics, Dynamics and collisions, Circular motion, Simple harmonic motion, Kinematics, Electricity, Optics, Heat, and Buoyancy & hydrostatics. Then there are chapters on Mad inventions & perpetual motion and Estimation (This chapter is too short so I recommend that you add Guesstimation 2.0 by Lawrence Weinstein to fill in when you get stuck and need a break). Each problem is labelled with from one to four stars (*) indicating the level of difficulty (Not too difficult to exceptionally hard). I found the stars to be well-chosen. Jump to "The Deadly Game of Puzzle Points" at the end of the book to learn how to build up your score perhaps to reach the level of Expert Puzzlist. My advice: because you are going to have to get through all of them eventually, start with the single stars. Many of them you will be already familiar with and you will begin to feel good with your successes. The author, however, has a "mean streak" in that he has some single starred puzzles followed by multiple starred extensions.

[Download to continue reading...](#)

Professor Povey's Perplexing Problems: Pre-university Physics and Maths Puzzles with Solutions
 Can You Solve My Problems?: Ingenious, Perplexing, and Totally Satisfying Math and Logic
 Puzzles Professor Murphy's Juggling Balls (Professor Murphy's Emporium of Entertainment) My
 Child Won't Sleep Through the Night: 5 No-Cry Solutions to Solve Your Child's Sleep Issues (Baby
 Sleep Solutions, Toddler Sleep Problems, Child Sleep Solutions, No-Cry Sleep Solution) The
 Perplexing Theft of the Jewel in the Crown (Baby Ganesh Agency Investigation) 50 Maths Ideas
 You Really Need to Know (50 Ideas You Really Need to Know Series) Poker: Successful Poker
 Habits & Best Practices For Consistently Winning Low Stakes Tournaments & Home Games (Texas
 Hold'em, Simple Poker Maths, Winning Strategies, Poker Tournaments) The New York Times
 Monday Through Friday Easy to Tough Crossword Puzzles: 50 Puzzles from the Pages of The New
 York Times (New York Times Crossword Puzzles) The Everything Guide to Managing and
 Reversing Pre-Diabetes: Your Complete Guide to Treating Pre-Diabetes Symptoms The Everything
 Guide to Managing and Reversing Pre-Diabetes: Your Complete Guide to Treating Pre-Diabetes
 Symptoms (Everything's®) Eating Out On a Kidney Diet: Pre-dialysis and Diabetes (Renal Diet
 HQ IQ Pre Dialysis Living Book 3) Teaching Montessori in the Home: Pre-School Years: The
 Pre-School Years Exceptional C++: 47 Engineering Puzzles, Programming Problems, and Solutions
 Sears and Zemansky's University Physics with Modern Physics, 13th Edition Problems and
 Solutions in Quantum Chemistry and Physics (Dover Books on Chemistry) Windows 10
 Troubleshooting: Windows 10 Manuals, Display Problems, Sound Problems, Drivers and Software:

Windows 10 Troubleshooting: How to Fix Common Problems ... Tips and Tricks, Optimize Windows
10) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials
Science, and Engineering (Oxford Physics Series) 100 problemas de física cuántica / 100
Quantum Physics problems (Cien Problemas / 100 Problems) (Spanish Edition) Pre-Calculus: 1,001
Practice Problems For Dummies (+ Free Online Practice) New Book of Puzzles: 101 Classic and
Modern Puzzles to Make and Solve

[Dmca](#)