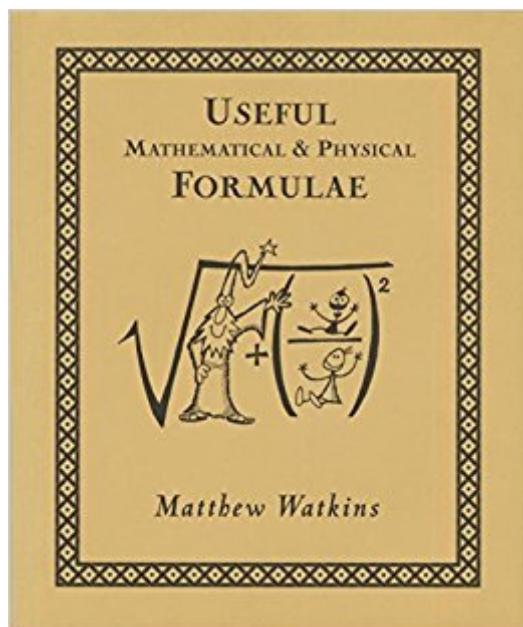


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Useful Mathematical And Physical Formulae



Synopsis

Collected in this book are commonly used formulae for studies such as quadratics, calculus and trigonometry; in addition are simplified explanations of Newton's Laws of Gravity and Snell's Laws of Refraction. A glossary, a table of mathematical and physical constants, and a listing of Imperial and Metric conversions is also included.

Book Information

Series: Wooden Books

Hardcover: 64 pages

Publisher: Walker Books (April 1, 2001)

Language: English

ISBN-10: 0802713807

ISBN-13: 978-0802713803

Product Dimensions: 6.2 x 0.5 x 6.5 inches

Shipping Weight: 8 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ See all reviewsÂ (11 customer reviews)

Best Sellers Rank: #824,183 in Books (See Top 100 in Books) #195 inÂ Books > Science & Math > Mathematics > Reference #561 inÂ Books > Science & Math > Physics > Mathematical Physics #5616 inÂ Books > Science & Math > Mathematics > Applied

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Wooden Books have done it again. Quite how they managed to fit the major equations from Maths and Physics into one tiny cartoon book is quite beyond me. With a great little Wizard and a pair of elf-things to help you get the picture, this book covers algebra, statistics, geometry, probabilities, trigonometry, mechanics and so much more you wont believe it. With metric-imperial conversion stuff at the back and iterative functions too, this is the present of choice for any maths fan out there. New Scientist Magazine UK gave it 9 out of 10, so I'll give it 5 stars here!

This is an amazing small book that has the information density of a microchip. It covers so much ground in numerous quantitative disciplines. If you don't know or remember a specific subject or formula fairly well, you'll need to study the material over at supplemental informational sources such as Wikipedia. But, it is a great short cut or glossary of the main formulas in math, physics, and trigonometry.

Besides the presentation of the book, which I think is inspiring (our natural physics are constantly alluded to as a form of sorcery, and that at least catches MY enthusiasm, far from the world of books and chalkboards), the actual physics here are explained in enough detail for the reader to make intelligent use of the formulas it contains. Anyone that's been familiar with working physics problems in the past will find this book perfect for refreshing the memory, not just of the formulas themselves but what they MEAN.

This book is great! If you're interested in this book and any other similar books, I suggest getting Quadrivium by Wooden Books. I made the mistake of purchasing this book and 4 others by Wooden Books, as well as Quadrivium and they are all contained in Quadrivium. I repeat, Quadrivium is a compilation of 6 Wooden Books! Buy the compilation and save big \$\$\$

"Useful Mathematical & Physical Formulae" offers a compendium of important formulae from mathematics and physics. A lot of ground is covered in the +/- 50 pages of this book. Most useful, in my opinion, for individuals who use mathematics and/or physics on a regular basis, this book could also serve as a good "jumping-off point" for a wider audience for further reading and learning in areas covered in this publication. What I found most interesting about this book was the highly dense (in terms of content) contiguous presentation of formulae from a wide array of areas within the fields of both mathematics and physics. For those readers with an interest in numbers in general...and some important formulae that describe many aspects of life...this is an interesting read.

This book has some details about calculus and dimensional mathematics, but they are not explained step-by-step. The coverage on basic issues, including things I used to consider more advanced is more clear. This book would be frustrating, except it leaves out all the really hard parts. So it is completely forgivable. The appealing visual style, with wizards and other characters explaining the math on nearly every page, compensates for any pedagogical flaws completely. This is a handy gem of a book that strikes me as both witty and international.

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