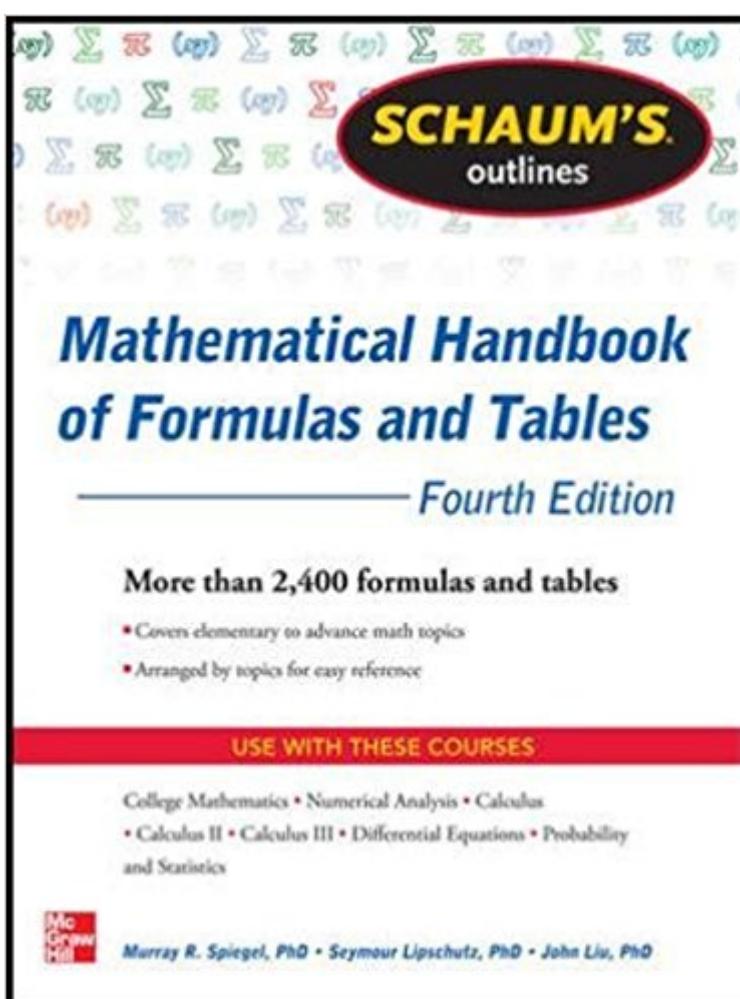


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Customer Reviews

Seymour Lipschutz is on the faculty of Temple University and formally taught at the Polytechnic Institute of Brooklyn. He received his Ph.D. in 1960 at Courant Institutes of Mathematics and Sciences of New York University. The late Murray R. Spiegel received the M.S. degree in physics and the Ph.D. in mathematics from Cornell University. He had positions at Harvard University, Columbia University, Oak Ridge, and Rensselaer Polytechnic Institute, and served as a mathematical consultant at several large companies. His last position was professor and chairman of Mathematics at the Rensselaer Polytechnic Institute, Hartford Graduate Center.

Very exhaustive list of formulas and tables and useful equations. It is an excellent reference for many important mathematical and physical relations. I depend on it for reviewing my work and making sure i am using the correct formulas because i tend to forget many minor but critical details sometimes. Sure all this information can be found online and scattered in many textbooks, but not well presented like this, in one place, a very convenient reference book to have. Some of the presented relationship will expand your understanding of some subjects given the exhaustive lists.

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- Elementary Constants, Products, Formulas
- Geometry
- Elementary Transcendental Functions
- Calculus
- Differential Equations and Vector Analysis
- Series
- Special Functions and Polynomials
- Laplace and Fourier Transforms
- Elliptic and Miscellaneous Special Functions
- Inequalities and Infinite Products
- Probability and Statistics
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Table of Contents (Tables)

- Logarithmic, Trigonometric, Exponential Functions
- Factorial and Gamma Function, Binomial Coefficients
- Bessel Functions
- Legendre Polynomials
- Elliptic Integrals
- Financial Tables
- Probability and Statistics
- Index of Special Symbols and Notations

This is pretty much the ultimate cheat sheet for anything that stands between you and the solution to your engineering problems. This book gives great generalized solutions to a vast range of calculus relations, differential equations, and geometric and trigonometric identities.

I have used my schools copy of this for a little while, and it is fantastic and thorough. I have yet to find a math/physics problem that cannot be worked with any of the formulas in this resource. I would give 5 stars, but I'm docking one for McGraw Hills quality control of printed texts, not content problems. Hopefully the replacement will be squared away.

Great for reviewing...

Very comprehensive book, and it's not bulky.

Excellent reference manual! A very handy book of formulas right at your finger tips, a must-have reference for any engineering student or engineer!

I bought this because my physics tutor recommended it. My calculus professor said that it was a very good book to have when she saw me carrying it. I'm a second year engineering student and so

far it has had every formula I've needed.

Very helpful, especially just before the exams when you can't afford to waste any time by googling the formulas online!

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