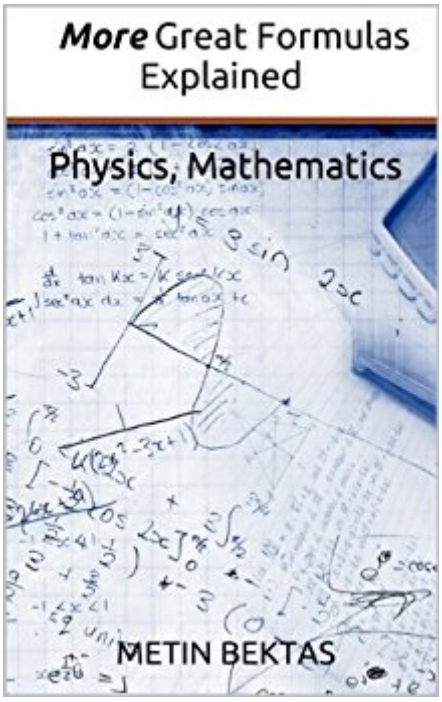
More Great Formulas Explained



Synopsis

In this book you will find some of the greatest and most useful formulas that the fields of physics and mathematics have brought forth. Each formula is explained gently and in great detail, including a discussion of all the quanitites involved and examples that will make clear how and where to apply it. On top of that, there are plenty of illustrations that support the explanations and make the reading experience even more vivid.The book covers a wide range of topics: torque, car dynamics, escape velocity, cooling, sailing, river flow, wind-driven waves, heat radiation, main sequence stars, cylinders, standard deviation, Zipf distribution, and many more. From the author of "Statistical Snacks" and "Physics! In Quantities and Examples".This is volume II of the series "Great Formulas Explained". It is recommended, but not necessary, to start with volume I.

Book Information

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Customer Reviews

Loved it. Helped me understand concepts I’ve taken for granted and by pseudo-faith. It enables one not intimately familiar with the language of math understand the story behind the formula. This can foster an appreciation for math and stimulate application and greater math discovery.I appreciate this behind the scence look at things we are coached to memorize and regurgitate on our journey through academia.

More of what the first volume delivers - concise examples of formulae to figure out engineering stuff like they did with slide rules on From The Earth To The Moon.Very, very cool.Recommended to all who’ve ever seen something in the world and wondered if they could check the math for themselves (if only they hadn’t spent over 35 years after school doing non-mathy stuff so they’ve forgotten more than half of it).I want it as an aid for writing believable old-style engineering fiction (Edisonades, Steampunkery and so forth). It looks eminently fit for purpose to me.

These formulas are of some interest. The explanations are clear with examples worked out in detail. M. Bektas writes well and keeps our interest. I especially liked the information about Zipf’s law and about the harmonic series. The Kindle version is easy to read and to navigate.Check the table of contents to see if there is enough to warrant your buying the book. The problem with writing about the next best whatever is that you can hardly live up to your writing about the best.

Gives you the kind of arthropodic details you need to know about classic formulas in order to implement them in practical ways. I would love to see how Bektas might connect the dots in more modern formulations!

A little disappointed. There are some really cool formulas in this book, but he does not walk you through them step by step. I guess he assumes there are things you already know. The formulas make sense, but does not follow his formulas all the time leaving you wondering ," Where the heck did that number come from. I have even tried working the formulas every way I can think of and still can not figure out where he got some of the numbers. Anyway, the book would have been much much better had he walked thru the examples step by step, following the formulas.

Very well done. And more importantly, IMHO, it is done to precision, hopping into depth where it needs to but assuming that you are, at least, sapient. And hopefully conversant with the subject matter. An excellent reference for the armchair engineer.

Nice range of interesting topics covered in light mathematical detail. Understandable with Secondary School Mathematics. Good for some light bed time reading. Keep a calculator nearby. (set to degrees not radians) :) But, don’t expect a very thorough treatment of the subject matter.

The formulas are well explained and cover a wide range of science. However, only an undergraduate student or a high-school graduate might find the collection useful as they are easily derivable. I expected something far more advanced. Took me about 15 minutes to go through the entire book.

More Great Formulas Explained Microsoft Excel 2013 Functions & Formulas Quick Reference Card (4-page Cheat Sheet focusing on examples and context for intermediate-to-advanced functions and formulas- Laminated Guide) Microsoft Excel 2010 Functions & Formulas Quick Reference Guide (4-page Cheat Sheet focusing on examples and context for intermediate-to-advanced functions and formulas- Laminated Guide) Formulas and Calculations for Drilling, Production, and Workover, Fourth Edition: All the Formulas You Need to Solve Drilling and Production Problems Formulas and Calculations for Drilling, Production, and Workover, Third Edition: All the Formulas You Need to Solve Drilling and Production Problems Opera Explained: An Introduction to Gluck (Opera Explained S.) Law of Attraction: Unleash The Secret Power Within and Learn How To Manifest More Money, More Love, More Success, More Abundance In No TIme: (Special Bonus: ... Money, Success, Happiness & Love,) Hollywood Babylon Strikes Again!: More Exhibitions! More Sex! More Sin! More Scandals Unfit to Print (Blood Moon's Babylon) World Religions: The Great Faiths Explored & Explained From Great Paragraphs to Great Essays (Great Writing) Great Writing 4: From Great Paragraphs to Great Essays Top Secret Recipes Step-by-Step: Secret Formulas with Photos for Duplicating Your Favorite Famous Foods at Home BACKUP & RECOVERY SPECIALIST, DATA BACKUP & DISASTER RECOVERY ENGINEER: FORMULAS, PRINCIPLES & REFERENCES: JUST IN TIME REVISION GUIDE FOR SUCCESS AT ANY BACKUP ADMINISTRATOR JOB INTERVIEW EXCEL: Strategic Use of the Calc Spreadsheet in Business Environment. Data Analysis and Business Modeling (Functions and Formulas, Macros, MS Excel 2016, Shortcuts, Microsoft Office) Roark's Formulas for Stress and Strain, 8th Edition Stress, Strain, and Structural Dynamics: An Interactive Handbook of Formulas, Solutions, and MATLAB Toolboxes What was that Formula?: Surveying Formulas (Surveying Mathematics Made Simple) (Volume 11) General GRE: Math Formulas You Need (Quick Review Notes) Formulas for Painters Roark's Formulas for Stress and Strain