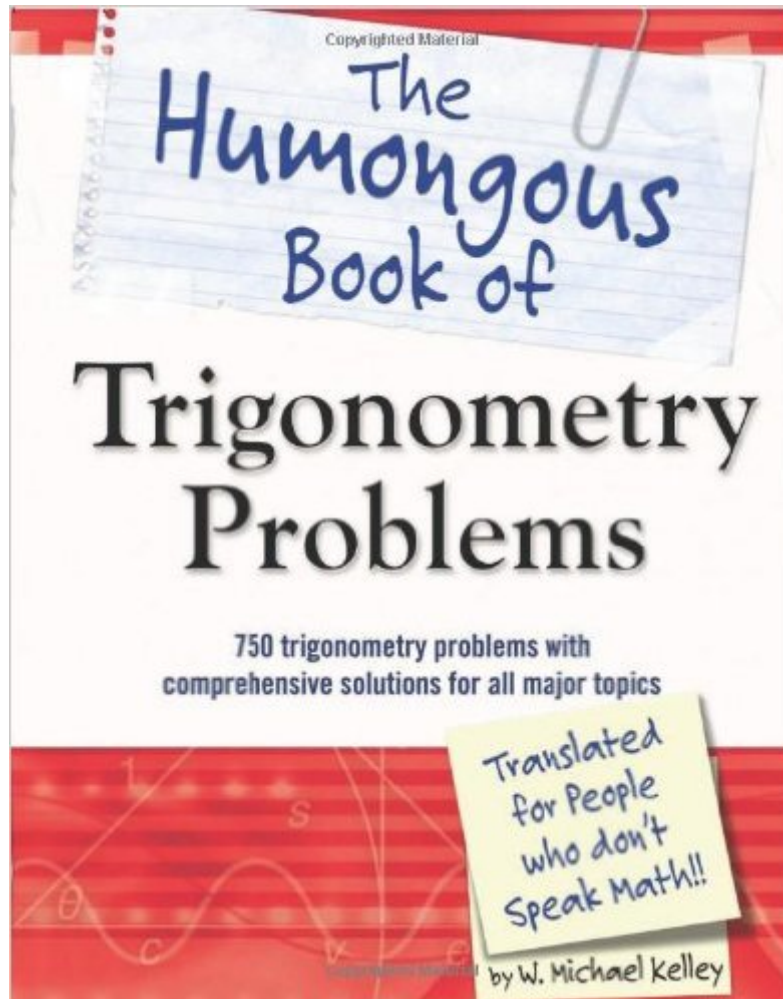


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The Humongous Book Of Trigonometry Problems



Synopsis

Most math and science study guides are a reflection of the college professors who write them-dry, difficult, and pretentious. The Humongous Book of Trigonometry Problems is the exception. Author Mike Kelley has taken what appears to be a typical trigonometry workbook, chock full of solved problems " more than 750! " and made notes in the margins adding missing steps and simplifying concepts and solutions, so what would be baffling to students is made perfectly clear. No longer will befuddled students wonder where a particular answer came from or have to rely on trial and error to solve problems. And by learning how to interpret and solve problems as they are presented in a standard trigonometry course, students become fully prepared to solve those difficult, obscure problems that were never discussed in class but always seem to find their way onto exams.

Book Information

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Average Customer Review: 4.3 out of 5 stars See all reviews (38 customer reviews)

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Customer Reviews

I had to re-learn Trigonometry after having learned it some 35 years ago. I picked up this title and a popular contemporary text (Larson et al). For explanations of various concepts, this book is far superior to the Larson text. With any math book that claims to be accessible, one worry is - Is the content easy because all the difficult parts have been left out ? The Humongous book covers all the Trig topics in the Larson text, so it definitely covers the Trig topics in a High School level course. So it is not a dumbed down book at all !Pluses :+ I love the fact that the author explains almost all Trig concepts with examples and intuitive appeal. There was very little that I had to memorize outright+ Michael Kelley writes exceptionally clearly and explains concepts extremely well+ Any student that

works through every problem should improve their understanding considerably+ At a cost of \$15-\$20, this is a terrific investment+ Written in a very nice, very accessible style that will appeal to math-phobes+ One can work through the examples in the book quickly. They are nicely laid out (simple problems to more advanced ones as the chapter progresses)Minuses :- Hardly any proofs, but for this one can easily refer back to the Larson (or any other) text- I spotted some errors in the worked out examples, but I am sure that Mr Kelley will fix these in future editions- Several way to do any problem, there were simpler approaches to solve some of the problems- Some topics (eg converting polar equations to rectangular form) don't receive adequate or good coverage. For such topics, I look at internet resources and solved several problems from the textbook.

Read: 4/14Rate: 5/54/14: I own all of the books in the Humongous series, and I think all of them are very good. The Humongous Book of Trigonometry Problems is no exception as I solved every problem. In it, the pedagogy is very clear and concise in terms of arriving at the solution and explaining why it is so. One nice thing about the book, as I don't see it early enough in other books, is the inclusion of vectors in three chapters. Although The Humongous Book of Trigonometry Problems covers a lot of topics, it's still missing plenty more such as proofs, linear and angular velocities, and many diverse applications (angles of elevation and depression) apart from the standard ones shown in the book. I say The Humongous Book of Trigonometry Problems covers only the basics. Now, while I was working on the problems, I just realized one thing: all problems were touched just once or twice. That means everything you wanted to know about a certain technique is pretty much limited to the scope of that problem or two and the author moves on to the next one. So, one may have a problem with it because he is probably better served with plenty of practice problems for a certain technique. Therefore, keep that in mind when making a decision whether or not to pursue The Humongous Book of Trigonometry Problems. My opinion is that Schaum's Outline of Trigonometry, 5th Edition: 618 Solved Problems + 20 Videos (Schaum's Outline Series) is by far the best trigonometry book I've worked with and taught me everything I need to know about the subject. It also covers the missing parts that I mentioned previously.

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