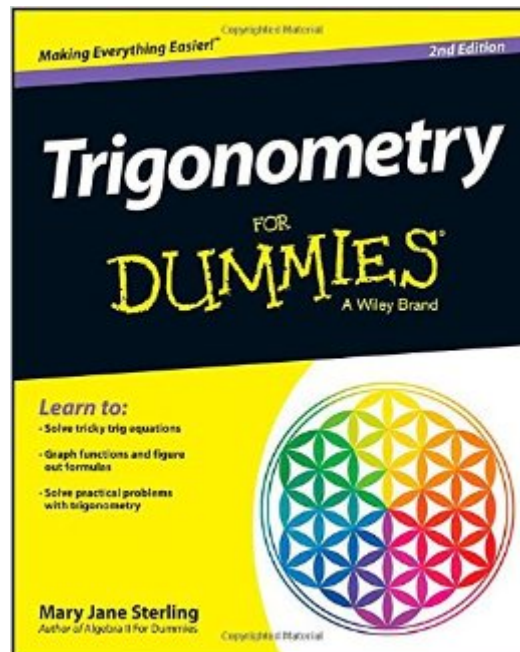


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Trigonometry For Dummies



Synopsis

A plain-English guide to the basics of trig Trigonometry deals with the relationship between the sides and angles of triangles... mostly right triangles. In practical use, trigonometry is a friend to astronomers who use triangulation to measure the distance between stars. Trig also has applications in fields as broad as financial analysis, music theory, biology, medical imaging, cryptology, game development, and seismology. From sines and cosines to logarithms, conic sections, and polynomials, this friendly guide takes the torture out of trigonometry, explaining basic concepts in plain English and offering lots of easy-to-grasp example problems. It also explains the "why" of trigonometry, using real-world examples that illustrate the value of trigonometry in a variety of careers. Tracks to a typical Trigonometry course at the high school or college level Packed with example trig problems From the author of Trigonometry Workbook For Dummies Trigonometry For Dummies is for any student who needs an introduction to, or better understanding of, high-school to college-level trigonometry.

Book Information

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Customer Reviews

I read the first edition and found it excellent. When this 2nd edition was announced, I purchased it feeling it might improve on the first edition. I was correct. This is an outstanding book for self-study. It is well written in essentially non-technical terms when compared to some other mathematics texts. It can be easily understood, even by those just beginning, or refreshing, their study of trigonometry. It defines terms clearly and understandably, and includes some examples to re-enforce the concepts presented. However, the number of examples provided is relatively sparse, and as is often said

mathematics is -not- a spectator sport, it needs to be participated in to develop a meaningful understanding. The small number of worked examples, the lack of Chapter exercises, and the emphasis on statements made without proof are the text's primary weaknesses. For this reviewer, these deficiencies are compensated for by the presentation's excellence. Because of the lack of proofs, this should be considered an applied, rather than a pure, mathematics text. If you are interested in learning basic trig terminology and gaining a fundamental understanding of how trigonometric problems are solved, this is an excellent book (although, as noted, one with a shortage of solved examples, and thus one requiring a supplemental problem book, such as Kelley's excellent "The Humongous Book of Trigonometry Problems"). However, if you're primarily interested in understanding why certain trigonometric statements are true and how to prove these statements, this book is not a good choice. This edition modifies, augments, and corrects material from the first edition.

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