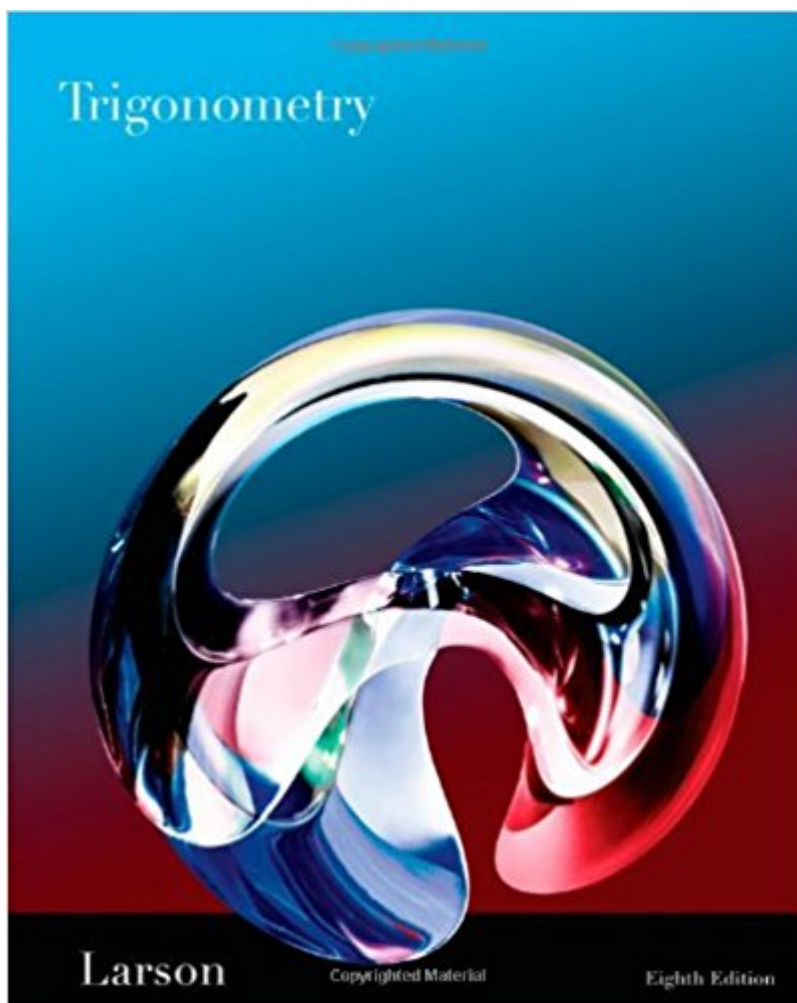The book was found

Trigonometry, 8th Edition

Synopsis

This market-leading text continues to provide students and instructors with sound, consistently structured explanations of the mathematical concepts. Designed for a one-term course that prepares students to study calculus, the new Eighth Edition retains the features that have made Trigonometry a complete solution for both students and instructors: interesting applications, cutting-edge design, and innovative technology combined with an abundance of carefully written exercises.

Book Information

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Customer Reviews

Note: Each chapter concludes with a Chapter Summary, Review Exercises, a Chapter Test, Proofs in Mathematics, and P.S. Problem Solving. P. Prerequisites P.1 Review of Real Numbers and Their Properties P.2 Solving Equations P.3 The Cartesian Plane and Graphs of Equations P.4 Linear Equations in Two Variables P.5 Functions P.6 Analyzing Graphs of Functions P.7 A Library of Functions P.8 Transformations of Functions P.9 Combinations of Functions: Composite Functions P.10 Inverse Functions 1. Trigonometry 1.1 Radian and Degree Measure 1.2 Trigonometric Functions: The Unit Circle 1.3 Right Triangle Trigonometry 1.4 Trigonometric Functions of Any Angle 1.5 Graphs of Sine and Cosine Functions 1.6 Graphs of Other Trigonometric Functions 1.7 Inverse Trigonometric Functions 1.8 Applications and Models 2. Analytic Trigonometry 2.1 Using Fundamental Identities 2.2 Verifying Trigonometric Identities 2.3 Solving Trigonometric Equations 2.4 Sum and Difference Formulas 2.5 Multiple-Angle and Product-to-Sum Formulas 3. Additional

Topics in Trigonometry 3.1 Law of Sines 3.2 Law of Cosines 3.3 Vectors in the Plane 3.4 Vectors and Dot Products Cumulative Test: Chapters 1-3 4. Complex Numbers 4.1 Complex Numbers 4.2 Complex Solutions of Equations 4.3 Trigonometric Form of a Complex Number 4.4 DeMoivre's Theorem 5. Exponential and Logarithmic Functions 5.1 Exponential Functions and Their Graphs 5.2 Logarithmic Functions and Their Graphs 5.3 Properties of Logarithms 5.4 Exponential and Logarithmic Equations 5.5 Exponential and Logarithmic Models 6. Topics in Analytic Geometry 6.1 Lines 6.2 Introduction to Conics: Parabolas 6.3 Ellipses 6.4 Hyperbolas 6.5 Rotation of Conics 6.6 Parametric Equations 6.7 Polar Coordinates 6.8 Graphs of Polar Equations 6.9 Polar Equations of Conics Cumulative Test: Chapters 4-6 Appendix A: Concepts in Statistics (web) A.1 Representing Data A.2 Measures of Central Tendency and Dispersion A.3 Least Squares Regression --This text refers to an alternate Hardcover edition.

Dr. Ron Larson is a professor of mathematics at The Pennsylvania State University, where he has taught since 1970. He received his Ph.D. in mathematics from the University of Colorado and is considered the pioneer of using multimedia to enhance the learning of mathematics, having authored over 30 software titles since 1990. Dr. Larson conducts numerous seminars and in-service workshops for math educators around the country about using computer technology as an instructional tool and motivational aid. He is the recipient of the 2014 William Holmes McGuffey Longevity Award for CALCULUS: EARLY TRANSCENDENTAL FUNCTIONS, the 2013 Text and Academic Authors Association Award for CALCULUS, the 2012 William Holmes McGuffey Longevity Award for CALCULUS: AN APPLIED APPROACH, and the 1996 Text and Academic Authors Association TEXTY Award for INTERACTIVE CALCULUS (a complete text on CD-ROM that was the first mainstream college textbook to be offered on the Internet). Dr. Larson authors numerous textbooks including the bestselling Calculus series published by Cengage.

My school uses Larson books all the way from elementary algebra, up through Calculus. This Trigonometry book isn't bad, but it does lack well structured explanations in many areas. There are a lot of topics that show an example of one type of problem, but they don't really show how to manipulate the same concept into a different scenario. Some of the trig identities like double angle formulas, sum-to-product, and product-to-sum formulas are barely explained. They give one basic example of how to use the formula, and they don't elaborate on how to use it in a more complicated problem.One very strong point that this book has, along with the other Larson books, is a very wide variety of practice exercises. The end of chapter sections begin with simpler exercises, and

progress up through the different concepts in a given section very logically. Each section of practice exercises has a good variety of word problems, many of which will apply all of the concepts you've learned in a given section, as well as forcing you to recall material from previous sections.I also really like the "proofs in mathematics" sections at the end of each chapter, because they go more in depth about why a certain formula works. This books includes proofs of most of the common trig identities, which is very useful. I'm the type of person that understands an idea better when I can actually see WHY something works, and WHY we're doing it that way, rather than just having to rote memorize a certain formula. Seeing these proofs helps a lot with that.I also bought the accompanying student solutions manual. I'm writing a separate review for that, but I'll touch on it briefly here as well. The student solutions manual is incredibly hit or miss. Some of the problems are worked out completely, and other problems basically just show the original problem statement, followed by one intermediate step, then the final answer. Really? It might help to see a few of the steps in between, and see an explanation as to how we got from point A to point B.Overall, this is a solid Trig book, but I don't think I'd recommend it for self studying.

Recently acquired two of Ron Larson's books, Trigonometry and College Algebra. Impressive. I highly recommend both books for any student currently taking one or both courses and, especially, for anyone planning to study calculus. Not only are these text books great as a course book, but they are also invaluable as reference texts for higher math courses. Additionally, anyone doing home schooling or tutoring will find both books excellent texts for both the instructor and student.

Excellent, well written trig. text book, this trig. book will help megreatly for my upcoming trig. class.

Great quality book and quick ship!

Rented this book for my summer trig class, got here in 2 days, perfect condition.paid only 10% the price of the book at the time.Got a 97% on my trig class, sweet deal.Good book with good examples, awesome addition to the lectures and very easy to understand examples.

Good trig book. Bought it because I coach high school math and I had a student in a class using this book. It's a different edition than he had, but served the purpose just fine.

great book to learn out of. I had a horrible teacher so I had to teach myself everything by using the

book and youtube videos.

This book should have been set in a larger print type. It is loaded with solid information. Also, the solutions should be available for not just odd-numbered problems but for ALL problems given in this Trigonometry book.I do recommend this book for all students of trigonometry and geometry. The Explanations are easy to comprehend and appears to be very concise.

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