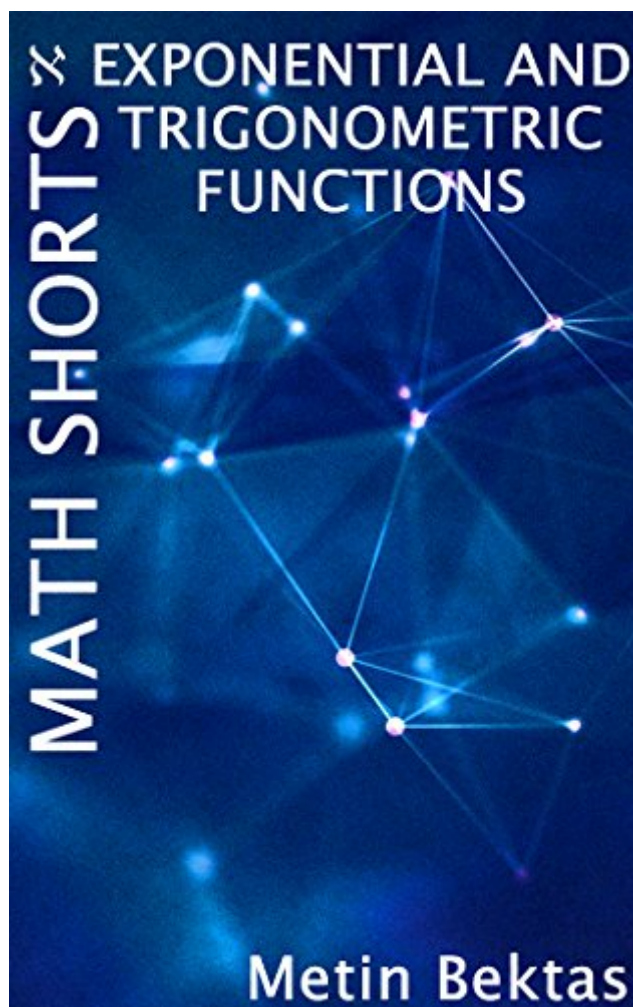


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Math Shorts - Exponential And Trigonometric Functions



Synopsis

Before delving into the exciting fields of calculus and mathematical physics, it is necessary to gain an in-depth understanding of functions. In this book you will get to know two of the most fundamental function classes intimately: the exponential and trigonometric functions. You will learn how to visualize the graph from the equation, how to set up the function from conditions for real-world applications, how to find the roots, and much more. While prior knowledge in linear and quadratic functions is helpful, it is not necessary for understanding the contents of the book as all the core concepts are developed during the discussion and demonstrated using plenty of examples. The book also contains problems along with detailed solutions to each section. So except for the very basics of algebra, no prior knowledge is required. Once done, you can continue your journey into mathematics, from the basics all the way to differential equations, by following the "Math Shorts" series, with the recommended reading being "Math Shorts - Derivatives" upon completion of this book. From the author of "Great Formulas Explained" and "Statistical Snacks", here's another down-to-earth guide to the joys of mathematics.

Book Information

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Pre-Calculus

Customer Reviews

This, like pretty much all of Bektas' books, is short, and the content is, as always, very good. The exercises are relevant and help to drive the concepts home. However, it should be kept in mind that this book is, in my view, very incomplete. The section on exponential functions is exactly what the title says, but it seems odd to me that it covered exponential functions, but not logarithmic functions. The section on trigonometric functions is also abbreviated. It's really only coverage of the basic sine, cosine and tangent functions. Missing is any coverage of secant, cosecant and cotangent, the unit circle, trigonometric identities, and all of the other things that you generally find in a book on trig. Good as a bare introduction but not to be mistaken for anything complete.

A great review. It is written in concise segments and is intuitive. Probly best for the review and not so good for a novice in the subject.

I like this author's math books, but this book is unusable because of the miniscule size of the print used for the functions being discussed. Please fix.

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