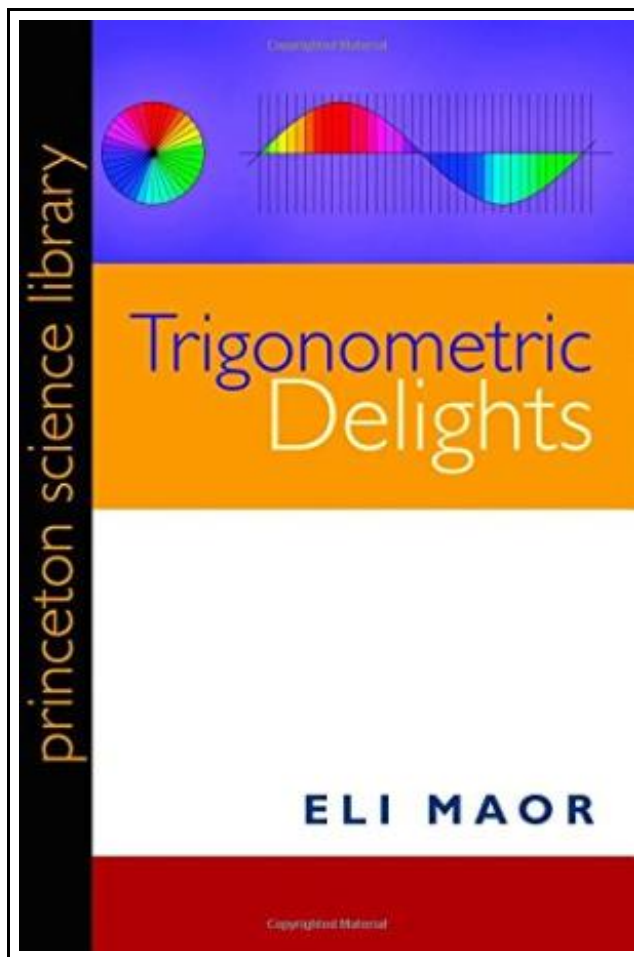# Trigonometric Delights

Filesize: 3.42 MB

Reviews

The very best book i actually read through. I have got read through and i am certain that i will likely to read through yet again yet again down the road. I realized this ebook from my dad and i suggested this book to learn.

(Alfreda Barrows)

TRIGONOMETRIC DELIGHTS

To get **Trigonometric Delights** PDF, make sure you follow the web link below and download the file or get access to other information which are related to TRIGONOMETRIC DELIGHTS ebook.

Princeton University Press. Paperback. Book Condition: new. BRAND NEW, Trigonometric Delights, Eli Maor, Trigonometry has always been an underappreciated branch of mathematics. It has a reputation as a dry and difficult subject, a glorified form of geometry complicated by tedious computation. In this book, Eli Maor draws on his remarkable talents as a guide to the world of numbers to dispel that view. Rejecting the usual arid descriptions of sine, cosine, and their trigonometric relatives, he brings the subject to life in a compelling blend of history, biography, and mathematics. He presents both a survey of the main elements of trigonometry and a unique account of its vital contribution to science and social development. Woven together in a tapestry of entertaining stories, scientific curiosities, and educational insights, the book more than lives up to the title Trigonometric Delights. Maor, whose previous books have demystified the concept of infinity and the unusual number "e," begins by examining the "proto-trigonometry" of the Egyptian pyramid builders. He shows how Greek astronomers developed the first true trigonometry. He traces the slow emergence of modern, analytical trigonometry, recounting its colorful origins in Renaissance Europe's quest for more accurate artillery, more precise clocks, and more pleasing musical instruments. Along the way, we see trigonometry at work in, for example, the struggle of the famous mapmaker Gerardus Mercator to represent the curved earth on a flat sheet of paper; we see how M. C. Escher used geometric progressions in his art; and we learn how the toy Spirograph uses epicycles and hypocycles. Maor also sketches the lives of some of the intriguing figures who have shaped four thousand years of trigonometric history. We meet, for instance, the Renaissance scholar Regiomontanus, who is rumored to have been poisoned for insulting a colleague, and Maria Agnesi, an eighteenth-century Italian...

📄 Read Trigonometric Delights Online

📄 Download PDF Trigonometric Delights

Related PDFs

[PDF] It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em

Access the web link beneath to download and read "It's Just a Date: How to Get 'em, How to Read 'em, and How to Rock 'em" PDF document.

Save Document »

[PDF] A Parent s Guide to STEM (Paperback)

Access the web link beneath to download and read "A Parent s Guide to STEM (Paperback)" PDF document.

Save Document »

[PDF] The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

Access the web link beneath to download and read "The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)" PDF document.

Save Document »

[PDF] Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

Access the web link beneath to download and read "Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)" PDF document.

Save Document »

[PDF] Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Access the web link beneath to download and read "Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success" PDF document.

Save Document »

[PDF] Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners

Access the web link beneath to download and read "Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners" PDF document.

Save Document »