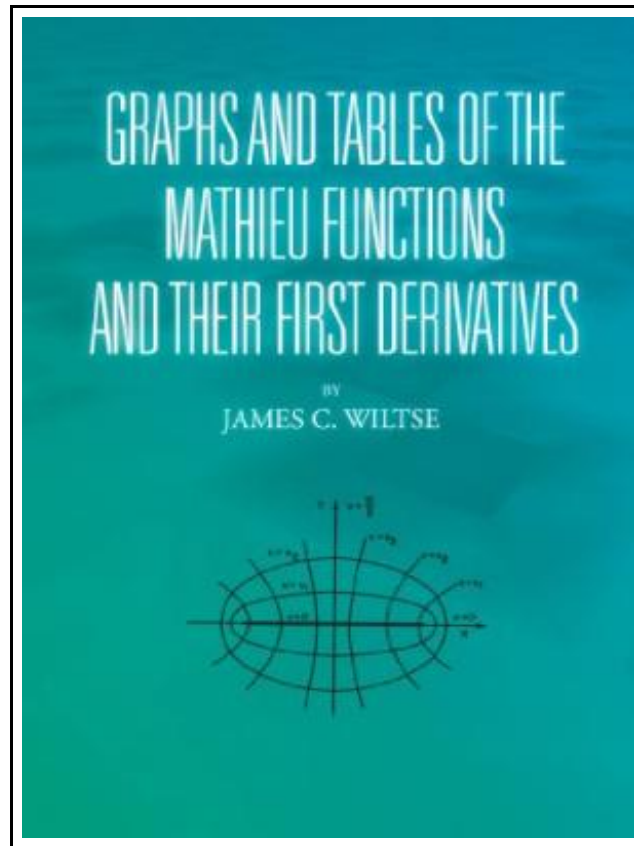# Graphs And Tables Of The Mathieu Functions And Their First Derivatives

Filesize: 1.33 MB

Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Ally Reichel)

GRAPHS AND TABLES OF THE MATHIEU FUNCTIONS AND THEIR FIRST DERIVATIVES

AuthorHouse. Paperback. Book Condition: New. Paperback. 172 pages. Dimensions: 11.0in. x 8.2in. x 0.4in.Mathieu functions are employed in solving a variety of problems in mathematic (al) physics. In many cases the configuration involves elliptical coordinates. Of course, the circular geometry is the degenerate case of the elliptical cross section. This volume contains values for, and curves of the angular and radial Mathieu functions and their first derivatives. The latter are often needed in the solution of problems, in particular in solving electromagnetic wave propagation problems. Also included are data on zero crossings of the radial Mathieu functions. These are often needed for determining the cut-off frequencies for propagating modes. Other tables are available for the Mathieu functions, but there is very little data available for derivatives or zero crossings. It is felt that the principal value of this volume is in the multitude of curves included. The analyst dealing with elliptical cases can, by inspection of the curves, find values of the functions and derivatives at the origin, maxima and minima, zero crossings, and qualitative behavior of the plots as a function of several parameters. To the authors knowledge, this is the most extensive presentation of plotted information. It is hoped that the information will be helpful in the solution of practical problems. This book is divided into two sections. Section I deals only with the functions themselves, defining the equations and terminology used and presenting the tabular data and curves. Section II treats the derivatives and the zeros. Again the terminology and equations for the first derivatives are given. The Mathieu functions are named after Emile L. Mathieu (1835-1890), a French mathematician, who in 1868 published an article dealing with vibratory movement of the elliptic membrane. The asteroid 27947 Emilemathieu is named in his honor. This item ships...

  Read Graphs And Tables Of The Mathieu Functions And Their First Derivatives Online
  Download PDF Graphs And Tables Of The Mathieu Functions And Their First Derivatives

Other Kindle Books

The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

B&H Kids. Hardcover. Book Condition: New. Cory Jones (illustrator). Hardcover. 32 pages. Dimensions: 9.1in. x 7.2in. x 0.3in.Oh sure, well all heard the story of Jonah and the Whale a hundred times. But have we...

Read Document »

Yearbook Volume 15

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 58 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.This historic book may have numerous typos and missing text. Purchasers can usually download a free...

Read Document »

Carmilla

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 140 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.Carmilla is a Gothic novella by Joseph Sheridan Le Fanu. First published in...

Read Document »

Marm Lisa

Echo Library. Paperback. Book Condition: New. Paperback. 80 pages. Dimensions: 9.0in. x 6.0in. x 0.2in.Kate Douglas Wiggin, nee Smith (1856-1923) was an American childrens author and educator. She was born in Philadelphia, and was of...

Read Document »

DK Readers Plants Bite Back Level 3 Reading Alone

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 9.0in. x 5.8in. x 0.2in.With Eyewitness Readers, children will learn to read --then read to learn! There are plants that prickle, sting, or even munch...

Read Document »

Harts Desire Book 2.5 La Fleur de Love

Cajunflair Publishing. Paperback. Book Condition: New. Paperback. 112 pages. Dimensions: 8.0in. x 5.0in. x 0.3in.Its late 1974, and high school student, Melinda Dawson is in serious trouble. Within two hours of revealing her suspected pregnancy

Download ePub »

The Mystery on Alaskas Iditarod Trail Real Kids, Real Places

Gallopade International. Paperback. Book Condition: New. Paperback. 150 pages. Dimensions: 7.3in. x 5.2in. x 0.5in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

Download ePub »

The Birds Christmas Carol

Digireads.com. Paperback. Book Condition: New. Paperback. 34 pages. Dimensions: 7.8in. x 4.8in. x 0.3in.Kate Douglas Wiggin (1856-1923) was an important reformer of childrens education at the turn of the century. During a period when childrens

Download ePub »

The Mystery at Motown Carole Marsh Mysteries

Carole Marsh Mysteries. Paperback. Book Condition: New. Randolyn Friedlander (illustrator). Paperback. 32 pages. Dimensions: 11.1in. x 8.7in. x 0.0in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery

Download ePub »

The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries

Gallopade International. Paperback. Book Condition: New. Paperback. 133 pages. Dimensions: 7.3in. x 5.2in. x 0.3in.When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

Download ePub »