



Differential Calculus Using Mathematica

By Cesar Lopez Perez

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand

*****.Mathematica is a platform for scientific computing that helps you to work in virtually all areas of the experimental sciences and engineering. In particular, this software presents quite extensive capabilities and implements a large number of commands enabling you to efficiently handle problems involving Differential Calculus. Using Mathematica you will be able to work with Limits, Numerical and power series, Taylor and MacLaurin series, continuity, derivability, differentiability in several variables, optimization and differential equations. Mathematica also implements numerical methods for the approximate solution of differential equations. The main content of the book is as follows: LIMITS AND CONTINUITY. ONE AND SEVERAL VARIABLES 1.1 LIMITS OF SEQUENCES 1.2 LIMITS OF FUNCTIONS. LATERAL LIMITS 1.3 CONTINUITY 1.4 SEVERAL VARIABLES: LIMITS AND CONTINUITY. CHARACTERIZATION THEOREMS 1.5 ITERATED AND DIRECTIONAL LIMITS 1.6 CONTINUITY IN SEVERAL VARIABLES NUMERICAL SERIES AND POWER SERIES 2.1 SERIES. CONVERGENCE CRITERIA 2.2 NUMERICAL SERIES WITH NON-NEGATIVE TERMS 2.3 ALTERNATING NUMERICAL SERIES 2.4 POWER SERIES 2.5 POWER SERIES EXPANSIONS AND FUNCTIONS 2.6 TAYLOR AND LAURENT EXPANSIONS DERIVATIVES AND APPLICATIONS. ONE AND SEVERAL VARIABLES 3.1 THE CONCEPT...



[DOWNLOAD PDF](#)



[READ ONLINE](#)

Reviews

Complete guideline for ebook enthusiasts. It really is loaded with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Delilah Hansen**

This created publication is wonderful. This can be for those who statte that there had not been a worth looking at. Your lifestyle period will probably be transform when you comprehensive looking at this book.

-- **Chelsey Nicolas**

Other Kindle Books



[And You Know You Should Be Glad](#)

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



[FWD This Link: A Rough Guide to Staying Amused Online When You Should be Working](#)

Rough Guides Ltd, United Kingdom, 2008. Paperback. Book Condition: New. 178 x 124 mm. Language: English . Brand New Book. From skate-boarding dogs to Arnold Schwarzenegger photoshopped into a swimsuit and sat on George Bush's lap FWD This Link brings together...



[TJ new concept of the Preschool Quality Education Engineering: new happy learning young children \(3-5 years old\) daily learning book Intermediate \(2\) \(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



[TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children \(3-5 years\) Intermediate \(3\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



[TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children \(2-4 years old\) in small classes \(3\)\(Chinese Edition\)](#)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



[The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds](#)

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year olds, with an engaging story, colourful pictures...