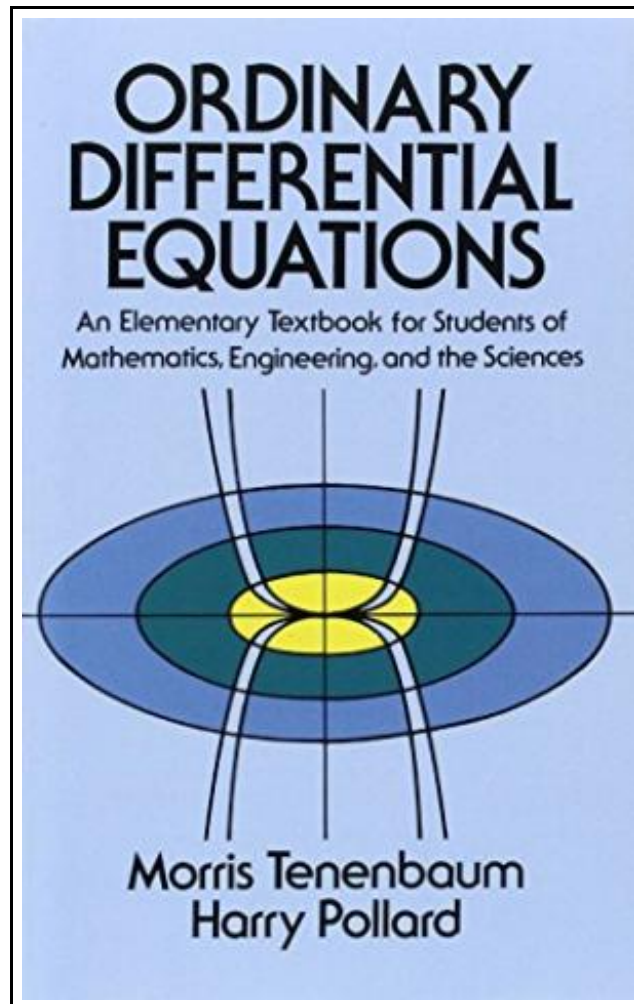


Ordinary Differential Equations: An Elementary Textbook for Students of Mathematics, Engineering and the Sciences



Filesize: 5.47 MB

Reviews

This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be play, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.


(Rene Olson)

ORDINARY DIFFERENTIAL EQUATIONS: AN ELEMENTARY TEXTBOOK FOR STUDENTS OF MATHEMATICS, ENGINEERING AND THE SCIENCES



Dover Publications Inc., United States, 1986. Paperback. Book Condition: New. New edition. 214 x 138 mm. Language: English . Brand New Book. This unusually well-written, skillfully organized introductory text provides an exhaustive survey of ordinary differential equations -- equations which express the relationship between variables and their derivatives. In a disarmingly simple, step-by-step style that never sacrifices mathematical rigor, the authors -- Morris Tenenbaum of Cornell University, and Harry Pollard of Purdue University -- introduce and explain complex, critically-important concepts to undergraduate students of mathematics, engineering and the sciences. The book begins with a section that examines the origin of differential equations, defines basic terms and outlines the general solution of a differential equation-the solution that actually contains every solution of such an equation. Subsequent sections deal with such subjects as: integrating factors; dilution and accretion problems; the algebra of complex numbers; the linearization of first order systems; Laplace Transforms; Newton s Interpolation Formulas; and Picard s Method of Successive Approximations. The book contains two exceptional chapters: one on series methods of solving differential equations, the second on numerical methods of solving differential equations. The first includes a discussion of the Legendre Differential Equation, Legendre Functions, Legendre Polynomials, the Bessel Differential Equation, and the Laguerre Differential Equation. Throughout the book, every term is clearly defined and every theorem lucidly and thoroughly analyzed, and there is an admirable balance between the theory of differential equations and their application. An abundance of solved problems and practice exercises enhances the value of Ordinary Differential Equations as a classroom text for undergraduate students and teaching professionals. The book concludes with an in-depth examination of existence and uniqueness theorems about a variety of differential equations, as well as an introduction to the theory of determinants and theorems about Wronskians.

 [Read Ordinary Differential Equations: An Elementary Textbook for Students of Mathematics, Engineering and the Sciences Online](#)

 [Download PDF Ordinary Differential Equations: An Elementary Textbook for Students of Mathematics, Engineering and the Sciences](#)

Relevant eBooks



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

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

[Read eBook »](#)



A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download...

[Read eBook »](#)



A Parent s Guide to STEM

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.This lively, colorful guidebook provides everything you need to know...

[Read eBook »](#)



Any Child Can Write

Oxford University Press Inc, United States, 2003. Paperback. Book Condition: New. 4th Revised edition. 201 x 135 mm. Language: English . Brand New Book ***** Print on Demand *****.Harvey S. Wiener shows how parents can...

[Read eBook »](#)



Skills for Preschool Teachers, Enhanced Pearson eText - Access Card

Pearson Education (US), United States, 2016. Online resource. Book Condition: New. 10th edition. 279 x 216 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing...

[Read eBook »](#)



No Friends?: How to Make Friends Fast and Keep Them

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Do You Have NO Friends ? Are you tired of not having any

[Download ePub »](#)



Pilgrim: Book 8

CHURCH HOUSE PUBLISHING, United Kingdom, 2015. Paperback. Book Condition: New. 206 x 144 mm. Language: English . Brand New Book. Pilgrim is a teaching and discipleship resource from the Church of England that helps enquirers

[Download ePub »](#)



Two Treatises: The Pearle of the Gospell, and the Pilgrims Profession to Which Is Added a Glasse for Gentlewomen to Dresse Themselves By. by Thomas Taylor Preacher of Gods Word to the Towne of Reding. (1625)

Proquest, Eebo Editions, United States, 2010. Paperback. Book Condition: New. 246 x 189 mm. Language: English Brand New Book ***** Print on Demand *****.EARLY HISTORY OF RELIGION. Imagine holding history in your hands. Now you

[Download ePub »](#)



The Voyagers Series - Africa: Book 2

Voyagers Series, Inc., United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching

[Download ePub »](#)



Half-A-Dozen Housekeepers(1903) a Story for Girls by Kate Douglas Smith Wiggin

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 203 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin (September 28, 1856 August 24, 1923) was

[Download ePub »](#)