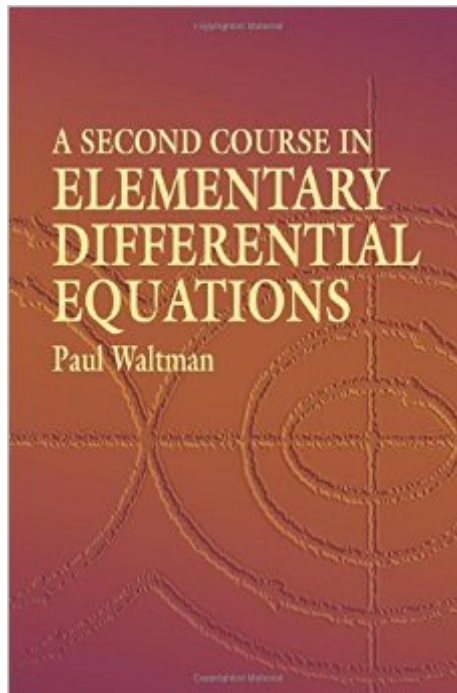


The book was found

# A Second Course In Elementary Differential Equations (Dover Books On Mathematics)



## Synopsis

Focusing on applicable rather than applied mathematics, this versatile text is appropriate for advanced undergraduates majoring in any discipline. A thorough examination of linear systems of differential equations inaugurates the text, reviewing concepts from linear algebra and basic theory. The heart of the book develops the ideas of stability and qualitative behavior. Starting with two-dimensional linear systems, the author reviews the use of polar coordinate techniques as well as Liapunov stability and elementary ideas from dynamic systems. Existence and uniqueness theorems receive a rigorous treatment, and the text concludes with a survey of linear boundary value problems. 1986 edition. 39 figures.

## Book Information

Series: Dover Books on Mathematics

Paperback: 272 pages

Publisher: Dover Publications (March 23, 2004)

Language: English

ISBN-10: 0486434788

ISBN-13: 978-0486434780

Product Dimensions: 6.6 x 0.6 x 8.7 inches

Shipping Weight: 11.2 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #510,459 in Books (See Top 100 in Books) #218 inÂ Books > Science & Math > Mathematics > Applied > Differential Equations

## Customer Reviews

"A Second Course in Elementary Differential Equations" by Waltman combines an eloquence in proofs and an ease in explanation that makes the important proofs readable. This book should be in every mathematics library.

As described

[Download to continue reading...](#)

A Second Course in Elementary Differential Equations (Dover Books on Mathematics) Differential Equations and Boundary Value Problems: Computing and Modeling (5th Edition)  
(Edwards/Penney/Calvis Differential Equations) Differential Equations: Computing and Modeling

(5th Edition) (Edwards/Penney/Calvis Differential Equations) Fundamentals of Differential Equations  
(8th Edition) (Featured Titles for Differential Equations) Applied Partial Differential Equations with  
Fourier Series and Boundary Value Problems (5th Edition) (Featured Titles for Partial Differential  
Equations) Fundamentals of Differential Equations and Boundary Value Problems (6th Edition)  
(Featured Titles for Differential Equations) Student Solutions Manual for Differential Equations:  
Computing and Modeling and Differential Equations and Boundary Value Problems: Computing and  
Modeling An Introduction to Ordinary Differential Equations (Dover Books on Mathematics) An  
Introduction to Differential Equations and Their Applications (Dover Books on Mathematics)  
Ordinary Differential Equations (Dover Books on Mathematics) Applied Differential Equations: The  
Primary Course (Textbooks in Mathematics) A Course in Ordinary Differential Equations, Second  
Edition Elementary Differential Equations and Boundary Value Problems , 8th Edition, with ODE  
Architect CD Elementary Differential Equations with Boundary Value Problems (6th Edition)  
Elementary Differential Equations and Boundary Value Problems Elementary Differential Equations  
10e Binder Ready Version + WileyPLUS Registration Card Elementary Differential Equations, with  
ODE Architect CD Elementary Differential Equations with Boundary Value Problems  
(Kohler/Johnson) Differential Equations, Dynamical Systems, and an Introduction to Chaos, Second  
Edition (Pure and Applied Mathematics) The Historical Roots of Elementary Mathematics (Dover  
Books on Mathematics)

[Dmca](#)