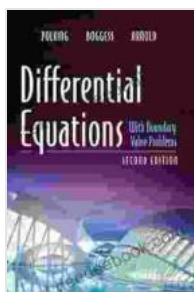


Differential Equations with Boundary Value Problems: Pearson Modern Classic

Differential equations are used to model a wide variety of physical phenomena, from the motion of planets to the flow of fluids. Boundary value problems are a special type of differential equation that arise when the solution is required to satisfy certain conditions at the boundaries of the domain.



Differential Equations with Boundary Value Problems (2-download) (Pearson Modern Classics for Advanced Mathematics Series) by Linda Bridey

★★★★☆ 4.3 out of 5

Language : English

File size : 15810 KB

Screen Reader : Supported

Print length : 768 pages



This textbook provides a rigorous and detailed to differential equations and boundary value problems. It is written for advanced undergraduate and graduate students in applied mathematics, science, and engineering. The book includes a wide range of topics, from basic concepts to advanced techniques, and it features numerous worked examples, exercises, and applications.

Topics Covered

The following are some of the topics covered in this textbook:

* First-order differential equations * Second-order differential equations *
Systems of differential equations * Partial differential equations * Boundary
value problems * Numerical methods for solving differential equations

Features

The following are some of the features of this textbook:

* Rigorous and detailed treatment of the subject matter * Numerous worked
examples, exercises, and applications * Clear and concise writing style *
Extensive index

Audience

This textbook is intended for advanced undergraduate and graduate
students in applied mathematics, science, and engineering. It is also a
valuable reference for researchers and practitioners in these fields.

Author

The author of this textbook is James R. Brannan. Dr. Brannan is a
professor of mathematics at the University of California, Berkeley. He is a
leading expert in the field of differential equations and boundary value
problems.

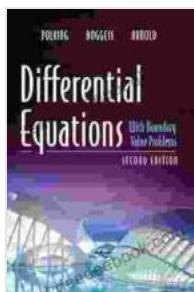
Reviews

This textbook has received excellent reviews from both students and
instructors. Here are a few examples:

* "This is a great textbook for a course on differential equations. It is well-
written and provides a clear and concise to the subject matter." - Student

review * "This textbook is a valuable resource for researchers and practitioners in the field of differential equations." - Instructor review

This textbook is a comprehensive and authoritative to differential equations and boundary value problems. It is written for advanced undergraduate and graduate students in applied mathematics, science, and engineering. The book includes a wide range of topics, from basic concepts to advanced techniques, and it features numerous worked examples, exercises, and applications.



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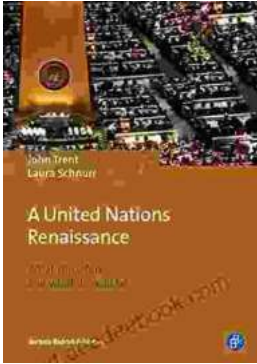
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