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Differential Equations and Boundary Value Problems, Sixth Edition, R. Kent Nagle, Edward B. Saff, Arthur David  
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Differential Equations and Boundary Value Problems, EGrade A First Course in Differential Equations with  
Modeling Applications Singular Differential Equations and Special Functions Elementary Differential Equations  
and Boundary Value Problems Elementary Differential Equations A first course in differential equations

(WCS)Elementary Differential Equations 8th Edition Binder Ready Without Binder Jan 04 2023 The third edition of this ground-breaking text continues the authors' goal - a targeted introduction to precalculus that carefully balances concepts with procedures. Overall, this text is designed to provide a solid foundation to precalculus that focuses on a small number of key topics thereby emphasizing depth of understanding rather than breath of coverage. Developed by the Calculus Consortium, FMC 3e is flexible enough to be thought-provoking for well-prepared students while still remaining accessible to students with weaker backgrounds. As multiple representations encourage students to reflect on the material, each function is presented symbolically, numerically, graphically and verbally (the Rule of Four). Additionally, a large number of real-world applications, examples and problems enable students to create mathematical models that will help them understand and interpret the world in which they live.

Fundamentals of Differential Equations Plus Student Solutions Manual -- Package Jul 06 2020 0321786343 / 9780321786340 Fundamentals of Differential Equations plus Student Solutions Manual -- Package Package consists of: 0321747739 / 9780321747730 Fundamentals of Differential Equations 0321748344 / 9780321748348 Student's Solutions Manual for Fundamentals of Differential Equations 8e and Fundamentals of Differential Equations and Boundary Value Problems 6e

Fundamentals of Engineering Supplied-reference Handbook Dec 11 2020 This is the official reference material used in the FE exam room. Review it prior to exam day and familiarize yourself with the charts, formulas, tables, and other reference information provided. Note that personal copies will not be allowed in the exam room. New copies will be supplied at the exam site.

(WCS)Elementary Differential Equations and Boundary Value Problems, 8th Edition with ODE Architect CD for UCLA Dec 23 2021

(WCS)Elementary Differential Equations and Boundary Value Problems 8th Edition Binder Ready with Binder

Nov 21 2021

Fundamentals of Differential Equations Oct 01 2022 This package (book + CD-ROM) has been replaced by the ISBN 0321388410 (which consists of the book alone). The material that was on the CD-ROM is available for download at <http://aw-bc.com/nss> Fundamentals of Differential Equations presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. Available in two versions, these flexible texts offer the instructor many choices in syllabus design, course emphasis (theory, methodology, applications, and numerical methods), and in using commercially available computer software. Fundamentals of Differential Equations, Seventh Edition is suitable for a one-semester sophomore- or junior-level course. Fundamentals of Differential Equations with Boundary Value Problems, Fifth Edition, contains enough material for a two-semester course that covers and builds on boundary value problems. The Boundary Value Problems version consists of the main text plus three additional chapters (Eigenvalue Problems and Sturm-Liouville Equations; Stability of Autonomous Systems; and Existence and Uniqueness Theory).

Elementary Differential Equations and Boundary Value Problems 8th Edition with ODE Architect CD with Wiley Plus Set May 28 2022 This revision of Boyce & DiPrima's market-leading text maintains its classic strengths: a contemporary approach with flexible chapter construction, clear exposition, and outstanding problems. Like previous editions, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations and Boundary Value Problems as they apply to engineering and the sciences. A perennial best seller designed for engineers and scientists who need to use Elementary Differential Equations in their work and studies. Covers all the essential topics on differential equations, including series solutions, Laplace transforms, systems of equations, numerical methods and phase plane methods. Offers clear explanations detailed with many current examples. Before you buy, make sure you are getting the best value and all the learning tools you'll need to succeed in your course. If your professor requires eGrade Plus, you can purchase it here, with your text at no additional cost. With this special eGrade Plus package you get the new text- - no highlighting, no missing pages, no food stains- - and a registration code to "eGrade Plus, a suite of effective learning tools to help you get a better grade. All this, in one convenient package! eGrade Plus gives you: A complete online version of the textbook Over 500 homework questions from the text rendered algorithmically with full hints and solutions Chapter Reviews, which summarize the main points and highlight key ideas in each chapter Student Solutions Manual Technology Manuals for Maple, Mathematica, and MatLa Link to JustAsk! eGradePlus is a powerful online tool that provides students with an integrated suite of teaching and learning resources and an online version of the text in one easy-to-use website.

Elementary Differential Equations Mar 14 2021

Roark's Formulas for Stress and Strain Sep 07 2020 The ultimate resource for designers, engineers, and analyst working with calculations of loads and stress.

Differential Equations with Boundary-Value Problems Dec 03 2022 DIFFERENTIAL EQUATIONS WITH BOUNDARY-VALUE PROBLEMS, 8th Edition strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This proven and accessible text speaks to beginning engineering and math students through a wealth of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and group projects. Written in a straightforward, readable, and helpful style, the book provides a thorough treatment of boundary-value problems and partial differential equations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Student's Solutions Manual Nov 02 2022 This manual contains full solutions to selected exercises.

Elementary Differential Equations and Boundary Value Problems 8th Edition ODE Architect CD with MATLAB Tutorial CD and Wiley Plus Set Oct 09 2020 This revision of Boyce & DiPrima's market-leading text maintains its classic strengths: a contemporary approach with flexible chapter construction, clear exposition, and outstanding problems. Like previous editions, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations and Boundary Value Problems as they apply to engineering and the sciences. A perennial best seller designed for engineers and scientists who need to use Elementary Differential Equations in their work and studies. Covers all the essential topics on differential equations, including series solutions, Laplace transforms, systems of equations, numerical methods and phase plane methods. Offers clear explanations detailed with many current examples. Before you buy, make sure you are getting the best value and all the learning tools you'll need to succeed in your course. If your professor requires eGrade Plus, you can purchase it here, with your text at no additional cost. With this special eGrade Plus package you get the new text- - no highlighting, no missing pages, no food stains- - and a

registration code to "eGrade Plus, a suite of effective learning tools to help you get a better grade. All this, in one convenient package! eGrade Plus gives you: A complete online version of the textbook Over 500 homework questions from the text rendered algorithmically with full hints and solutions Chapter Reviews, which summarize the main points and highlight key ideas in each chapter Student Solutions Manual Technology Manuals for Maple, Mathematica, and MatLa Link to JustAsk! eGradePlus is a powerful online tool that provides students with an integrated suite of teaching and learning resources and an online version of the text in one easy-to-use website.

(WCS)Elementary Differential Equations and Boundary Value Problems 8th Edition Supplementary Material for UC Berkeley Sep 19 2021

Elementary Differential Equations Jan 30 2020 A clear, concise book that emphasizes finding solutions to differential equations where applications play an important role. Each chapter includes many illustrative examples to assist the reader. The book emphasizes methods for finding solutions to differential equations. It provides many abundant exercises, applications, and solved examples with careful attention given to readability. Elementary Differential Equations includes a thorough treatment of power series techniques. In addition, the book presents a classical treatment of several physical problems to show how Fourier series become involved in the solution of those problems. The eighth edition of Elementary Differential Equations has been revised to include a new supplement in many chapters that provides suggestions and exercises for using a computer to assist in the understanding of the material in the chapter. It also now provides an introduction to the phase plane and to different types of phase portraits. A valuable reference book for readers interested in exploring the technological and other applications of differential equations.

Elementary Differential Equations Jan 12 2021 Appropriate for introductory courses in Differential Equations. This clear, concise fairly easy classic text is particularly well-suited to courses that emphasize finding solutions to differential equations where applications play an important role. Many illustrative examples in each chapter help the student to understand the subject. Computer applications new to this edition.

Singular Differential Equations and Special Functions Apr 02 2020 Singular Differential Equations and Special Functions is the fifth book within Ordinary Differential Equations with Applications to Trajectories and Vibrations, Six-volume Set. As a set they are the fourth volume in the series Mathematics and Physics Applied to Science and Technology. This fifth book consists of one chapter (chapter 9 of the set). The chapter starts with general classes of differential equations and simultaneous systems for which the properties of the solutions can be established 'a priori', such as existence and unicity of solution, robustness and uniformity with regard to changes in boundary conditions and parameters, and stability and asymptotic behavior. The book proceeds to consider the most important class of linear differential equations with variable coefficients, that can be analytic functions or have regular or irregular singularities. The solution of singular differential equations by means of (i) power series; (ii) parametric integral transforms; and (iii) continued fractions lead to more than 20 special functions; among these is given greater attention to generalized circular, hyperbolic, Airy, Bessel and hypergeometric differential equations, and the special functions that specify their solutions. Includes existence, unicity, robustness, uniformity, and other theorems for non-linear differential equations Discusses properties of dynamical systems derived from the differential equations describing them, using methods such as Liapunov functions Includes linear differential equations with periodic coefficients, including Floquet theory, Hill infinite determinants and multiple parametric resonance Details theory of the generalized Bessel differential equation, and of the generalized, Gaussian, confluent and extended hypergeometric functions and relations with other 20 special functions Examines Linear Differential Equations with analytic coefficients or regular or irregular singularities, and solutions via power series, parametric integral transforms, and continued fractions

Fundamentals of Differential Equations Apr 07 2023 Fundamentals of Differential Equations presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. Available in two versions, these flexible texts offer the instructor many choices in syllabus design, course emphasis (theory, methodology, applications, and numerical methods), and in using commercially available computer software. Fundamentals of Differential Equations, Eighth Edition is suitable for a one-semester sophomore- or junior-level course. Fundamentals of Differential Equations with Boundary Value Problems, Sixth Edition, contains enough material for a two-semester course that covers and builds on boundary value problems. The Boundary Value Problems version consists of the main text plus three additional chapters (Eigenvalue Problems and Sturm-Liouville Equations; Stability of Autonomous Systems; and Existence and Uniqueness Theory).

(WCS) Elementary Differential Equations, 8th Edition Custom with ODE Architect CD and Wiley Plus Set Jun 28 2022

Elementary Differential Equations and Boundary Value Problems Mar 02 2020 Elementary Differential

Equations and Boundary Value Problems 11e, like its predecessors, is written from the viewpoint of the applied mathematician, whose interest in differential equations may sometimes be quite theoretical, sometimes intensely practical, and often somewhere in between. The authors have sought to combine a sound and accurate (but not abstract) exposition of the elementary theory of differential equations with considerable material on methods of solution, analysis, and approximation that have proved useful in a wide variety of applications. While the general structure of the book remains unchanged, some notable changes have been made to improve the clarity and readability of basic material about differential equations and their applications. In addition to expanded explanations, the 11th edition includes new problems, updated figures and examples to help motivate students. The program is primarily intended for undergraduate students of mathematics, science, or engineering, who typically take a course on differential equations during their first or second year of study. The main prerequisite for engaging with the program is a working knowledge of calculus, gained from a normal two or three semester course sequence or its equivalent. Some familiarity with matrices will also be helpful in the chapters on systems of differential equations.

Differential Equations with Boundary-value Problems Mar 26 2022 Now enhanced with the innovative DE Tools CD-ROM and the iLrn teaching and learning system, this proven text explains the "how" behind the material and strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This accessible text speaks to students through a wealth of pedagogical aids, including an abundance of examples, explanations, "Remarks" boxes, definitions, and group projects. This book was written with the student's understanding firmly in mind. Using a straightforward, readable, and helpful style, this book provides a thorough treatment of boundary-value problems and partial differential equations.

Student's Solutions Manual, Fundamentals of Differential Equations, Eighth Edition and Fundamentals of Differential Equations and Boundary Value Problems, Sixth Edition, R. Kent Nagle, Edward B. Saff, Arthur David Snider Jul 30 2022 This manual contains full solutions to selected exercises.

Fundamentals of Differential Equations Jul 18 2021 For one-semester sophomore- or junior-level courses in Differential Equations. An introduction to the basic theory and applications of differential equations  
Fundamentals of Differential Equations presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. This flexible text allows instructors to adapt to various course emphases (theory, methodology, applications, and numerical methods) and to use commercially available computer software. For the first time, MyLab(TM) Math is available for this text, providing online homework with immediate feedback, the complete eText, and more. Note that a longer version of this text, entitled Fundamentals of Differential Equations and Boundary Value Problems, 7th Edition, contains enough material for a two-semester course. This longer text consists of the main text plus three additional chapters (Eigenvalue Problems and Sturm--Liouville Equations; Stability of Autonomous Systems; and Existence and Uniqueness Theory). Also available with MyLab Math MyLab(TM) Math is an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them absorb course material and understand difficult concepts. Note: You are purchasing a standalone product; MyLab does not come packaged with this content. Students, if interested in purchasing this title with MyLab, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab, search for: 0134768744 / 9780134768748 Fundamentals of Differential Equations plus MyLab Math with Pearson eText -- Title-Specific Access Card Package, 9/e Package consists of: 0134764838 / 9780134764832 MyLab Math with Pearson eText -- Standalone Access Card -- for Fundamentals of Differential Equations 0321977068 / 9780321977069 Fundamentals of Differential Equations

Fundamentals of Differential Equations, Books a la Carte Edition Oct 21 2021 This edition features the exact same content as the traditional text in a convenient, three-hole- punched, loose-leaf version. Books a la Carte also offer a great value-this format costs significantly less than a new textbook. Fundamentals of Differential Equations presents the basic theory of differential equations and offers a variety of modern applications in science and engineering. Available in two versions, these flexible texts offer the instructor many choices in syllabus design, course emphasis (theory, methodology, applications, and numerical methods), and in using commercially available computer software. Fundamentals of Differential Equations, Eighth Edition is suitable for a one-semester sophomore- or junior-level course. Fundamentals of Differential Equations with Boundary Value Problems, Sixth Edition, contains enough material for a two-semester course that covers and builds on boundary value problems. The Boundary Value Problems version consists of the main text plus three additional chapters (Eigenvalue Problems and Sturm-Liouville Equations; Stability of Autonomous Systems; and Existence and

Uniqueness Theory).

Algebra and Trigonometry Feb 10 2021 Accessible to students and flexible for instructors, COLLEGE ALGEBRA AND TRIGONOMETRY, Eight Edition, incorporates the dynamic link between concepts and applications to bring mathematics to life. By integrating interactive learning techniques, the Aufmann team helps students to better understand concepts, work independently, and obtain greater mathematical fluency. The text also includes technology features to accommodate courses that allow the option of using graphing calculators. The authors' proven Aufmann Interactive Method allows students to try a skill as it is presented in example form. This interaction between the examples and Try Exercises serves as a checkpoint to students as they read the textbook, do their homework, or study a section. In the eighth edition, Review Notes are featured more prominently throughout the text to help students recognize the key prerequisite skills needed to understand new concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A first course in differential equations with applications Aug 07 2020

Elementary Differential Equations 8th Edition with Differential Equations Matlab 2nd Edition Set Aug 31 2022  
Elementary Differential Equations and Boundary Value Problems 8th Edition with ODE Architect CD and Elementary Linear Algebra with Applications 9th Edition Set Mar 06 2023 This revision of Boyce & DiPrima's market-leading text maintains its classic strengths: a contemporary approach with flexible chapter construction, clear exposition, and outstanding problems. Like previous editions, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations and Boundary Value Problems as they apply to engineering and the sciences. A perennial best seller designed for engineers and scientists who need to use Elementary Differential Equations in their work and studies. Covers all the essential topics on differential equations, including series solutions, Laplace transforms, systems of equations, numerical methods and phase plane methods. Offers clear explanations detailed with many current examples. Before you buy, make sure you are getting the best value and all the learning tools you'll need to succeed in your course. If your professor requires eGrade Plus, you can purchase it here, with your text at no additional cost. With this special eGrade Plus package you get the new text- - no highlighting, no missing pages, no food stains- - and a registration code to "eGrade Plus, a suite of effective learning tools to help you get a better grade. All this, in one convenient package! eGrade Plus gives you: A complete online version of the textbook Over 500 homework questions from the text rendered algorithmically with full hints and solutions Chapter Reviews, which summarize the main points and highlight key ideas in each chapter Student Solutions Manual Technology Manuals for Maple, Mathematica, and MatLa Link to JustAsk! eGradePlus is a powerful online tool that provides students with an integrated suite of teaching and learning resources and an online version of the text in one easy-to-use website.

Roark's Formulas for Stress and Strain, 8th Edition May 16 2021 THE MOST COMPLETE, UP-TO-DATE GUIDE TO STRESS AND STRAIN FORMULAS Fully revised throughout, Roark's Formulas for Stress and Strain, Eighth Edition, provides accurate and thorough tabulated formulations that can be applied to the stress analysis of a comprehensive range of structural components. All equations and diagrams of structural properties are presented in an easy-to-use, thumb, through format. This extensively updated edition contains new chapters on fatigue and fracture mechanics, stresses in fasteners and joints, composite materials, and biomechanics. Several chapters have been expanded and new topics have been added. Each chapter now concludes with a summary of tables and formulas for ease of reference. This is the definitive resource for designers, engineers, and analysts who need to calculate stress and strain management. ROARK'S FORMULAS FOR STRESS AND STRAIN, EIGHTH EDITION, COVERS: Behavior of bodies under stress Principles and analytical methods Numerical and experimental methods Tension, compression, shear, and combined stress Beams; flexure of straight bars Bending of curved beams Torsion Flat plates Columns and other compression members Shells of revolution; pressure vessels; pipes Bodies in contact undergoing direct bearing and shear stress Elastic stability Dynamic and temperature stresses Stress concentration factors Fatigue and fracture mechanics Stresses in fasteners and joints Composite materials Biomechanics

Elementary Differential Equations and Boundary Value Problems May 08 2023 Written from the perspective of the applied mathematician, the latest edition of this bestselling book focuses on the theory and practical applications of Differential Equations to engineering and the sciences. Emphasis is placed on the methods of solution, analysis, and approximation. Use of technology, illustrations, and problem sets help readers develop an intuitive understanding of the material. Historical footnotes trace the development of the discipline and identify outstanding individual contributions. This book builds the foundation for anyone who needs to learn differential equations and then progress to more advanced studies.

Differential Equations with Boundary-Value Problems Feb 22 2022 Straightforward and easy to read, DIFFERENTIAL EQUATIONS WITH BOUNDARY-VALUE PROBLEMS, 9th Edition, gives you a thorough overview of the topics typically taught in a first course in Differential Equations as well as an introduction to boundary-value problems and partial Differential Equations. Your study will be supported by a bounty of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and more. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Fundamentals of Differential Equations Jun 16 2021

(WCS)Elementary Differential Equations 8th Edition Binder Ready with Binder Feb 05 2023

Elementary Differential Equations and Boundary Value Problems 8th Edition with Student Access Card Egrade 2 Termset Jan 24 2022 This revision of Boyce & DiPrima's market-leading text maintains its classic strengths: a contemporary approach with flexible chapter construction, clear exposition, and outstanding problems. Like previous editions, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations and Boundary Value Problems as they apply to engineering and the sciences. A perennial best seller designed for engineers and scientists who need to use Elementary Differential Equations in their work and studies. Covers all the essential topics on differential equations, including series solutions, Laplace transforms, systems of equations, numerical methods and phase plane methods. Offers clear explanations detailed with many current examples. Before you buy, make sure you are getting the best value and all the learning tools you ' ll need to succeed in your course. If your professor requires eGrade Plus, you can purchase it here, with your text at no additional cost. With this special eGrade Plus package you get the new text—no highlighting, no missing pages, no food stains—and a registration code to eGrade Plus, a suite of effective learning tools to help you get a better grade. All this, in one convenient package! eGrade Plus gives you: A complete online version of the textbook Over 500 homework questions from the text rendered algorithmically with full hints and solutions Chapter Reviews, which summarize the main points and highlight key ideas in each chapter Student Solutions Manual Technology Manuals for Maple, Mathematica, and MatLab Link to JustAsk! eGrade Plus is a powerful online tool that provides students with an integrated suite of teaching and learning resources and an online version of the text in one easy-to-use website.

Elementary Linear Algebra Apr 14 2021 ELEMENTARY LINEAR ALGEBRA ' s clear, careful, and concise presentation of material helps you fully understand how mathematics works. The author balances theory with examples, applications, and geometric intuition for a complete, step-by-step learning system. To engage you in the material, a new design highlights the relevance of the mathematics and makes the book easier to read. Data and applications reflect current statistics and examples, demonstrating the link between theory and practice. The companion website LarsonLinearAlgebra.com offers free access to multiple study tools and resources. CalcChat.com offers free step-by-step solutions to the odd-numbered exercises in the text. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

(WCS)Differential Equations BVP 8th Edition with SSM and Study Tips Set Aug 19 2021

A first course in differential equations Dec 31 2019 % mainly for math and engineering majors.% clear, concise writing style is student oriented.J% graded problem sets, with many diverse problems, range from drill to more challenging problems.% this course follows the three-semester calculus sequence at two- and four-year schools

(WCS)Elementary Differential Equations and Boundary Value Problems 8th Edition Binder Ready Without Binder Apr 26 2022 Differential Equations: An Introduction to Modern Methods and Applications is a textbook designed for a first course in differential equations commonly taken by undergraduates majoring in engineering or science. It emphasizes a systems approach to the subject and integrates the use of modern computing technology in the context of contemporary applications from engineering and science. Section exercises throughout the text are designed to give students hands-on experience in modeling, analysis, and computer experimentation. Optional projects at the end of each chapter provide additional opportunities for students to explore the role played by differential equations in scientific and engineering problems of a more serious nature.

Mathematics: A Practical Odyssey Nov 09 2020 MATHEMATICS: A PRACTICAL ODYSSEY, 8th Edition demonstrates mathematics' usefulness and relevance to students' daily lives through topics such as calculating interest and understanding voting systems. Well known for its clear writing and unique variety of topics, the text emphasizes problem-solving skills, practical applications, and the history of mathematics, and unveils the relevance of mathematics and its human aspect to students. To offer flexibility in content, the book contains more information than might be covered in a one-term course. In addition, the chapters are independent of each other, further enabling instructors to select the ideal topics for their courses. Important Notice: Media content

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Elementary Differential Equations and Boundary Value Problems, EGrade Jun 04 2020 This revision of the market-leading book maintains its classic strengths: contemporary approach, flexible chapter construction, clear exposition, and outstanding problems. Like its predecessors, this revision is written from the viewpoint of the applied mathematician, focusing both on the theory and the practical applications of Differential Equations as they apply to engineering and the sciences. Sound and Accurate Exposition of Theory--special attention is made to methods of solution, analysis, and approximation. Use of technology, illustrations, and problem sets help readers develop an intuitive understanding of the material. Historical footnotes trace development of the discipline and identify outstanding individual contributions.

A First Course in Differential Equations with Modeling Applications May 04 2020 A FIRST COURSE IN DIFFERENTIAL EQUATIONS WITH MODELING APPLICATIONS, 10th Edition strikes a balance between the analytical, qualitative, and quantitative approaches to the study of differential equations. This proven and accessible text speaks to beginning engineering and math students through a wealth of pedagogical aids, including an abundance of examples, explanations, Remarks boxes, definitions, and group projects. Written in a straightforward, readable, and helpful style, this book provides a thorough treatment of boundary-value problems and partial differential equations. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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