

Calculus Late Transcendentals 10th Edition International Student Version

This book uses elementary versions of modern methods found in sophisticated mathematics to discuss portions of "advanced calculus" in which the subtlety of the concepts and methods makes rigor difficult to attain at an elementary level.

CalculusLate TranscendentalsJohn Wiley & Sons

James Stewart's Calculus series is the top-seller in the world because of its problem-solving focus, mathematical precision and accuracy, and outstanding examples and problem sets. Selected and mentored by Stewart, Daniel Clegg and Saleem Watson continue his legacy of providing students with the strongest foundation for a STEM future. Their careful refinements retain Stewart's clarity of exposition and make the 9th Edition even more useful as a teaching tool for instructors and as a learning tool for students. Showing that Calculus is both practical and beautiful, the Stewart approach enhances understanding and builds confidence for millions of students worldwide. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

When it comes to learning linear algebra, engineers trust Anton. The tenth edition presents the key concepts and topics along with engaging and contemporary applications. The chapters have been reorganized to bring up some of the more abstract topics and make the material more accessible. More theoretical exercises at all levels of difficulty are integrated throughout the pages, including true/false questions that address conceptual ideas. New marginal notes provide a fuller explanation when new methods and complex logical steps are included in proofs. Small-scale applications also show how concepts are applied to help engineers develop their mathematical reasoning.

This text is an unbound, three hole punched version. Access to WileyPLUS sold separately. Calculus, 11th Edition Binder Ready Version strives to increase student comprehension and conceptual understanding through a balance between rigor and clarity of explanations; sound mathematics; and excellent exercises, applications, and examples. Anton pedagogically approaches Calculus through the Rule of Four, presenting concepts from the verbal, algebraic, visual, and numerical points of view.

Anton's Calculus, Early Transcendentals strives to increase student comprehension and conceptual understanding through a balance between rigor and clarity of explanations, sound mathematics, and excellent exercises, applications, and examples. Anton pedagogically approaches Calculus through the Rule of Four, presenting concepts from the verbal, algebraic, visual, and numerical points of view.

Designed for the Calculus III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Designed for the three-semester engineering calculus course, CALCULUS: EARLY TRANSCENDENTAL FUNCTIONS, Sixth Edition, continues to offer instructors and students innovative teaching and learning resources. The Larson team always has two main objectives for text revisions: to develop precise, readable materials for students that clearly define and demonstrate concepts and rules of calculus; and to design comprehensive teaching resources for instructors that employ proven pedagogical techniques and save time. The Larson/Edwards Calculus program offers a solution to address the needs of any calculus course and any level of calculus student. Every edition from the first to the sixth of CALCULUS: EARLY TRANSCENDENTAL FUNCTIONS has made the mastery of traditional calculus skills a priority, while embracing the best features of new technology and, when appropriate, calculus reform ideas. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This fifth edition of Lang's book covers all the topics traditionally taught in the first-year calculus sequence. Divided into five parts, each section of A FIRST COURSE IN CALCULUS contains examples and applications relating to the topic covered. In addition, the rear of the book contains detailed solutions to a large number of the exercises, allowing them to be used as worked-out examples -- one of the main improvements over previous editions.

This book is for instructors who think that most calculus textbooks are too long. In writing the book, James Stewart asked himself: What is essential for a three-semester calculus course for scientists and engineers? ESSENTIAL CALCULUS: EARLY TRANSCENDENTALS, Second Edition, offers a concise approach to teaching calculus that focuses on major concepts, and supports those concepts with precise definitions, patient explanations, and carefully graded problems. The book is only 900 pages--two-thirds the size of Stewart's other calculus texts, and yet it contains almost all of the same topics. The author achieved this relative brevity primarily by condensing the exposition and by putting some of the features on the book's website, www.StewartCalculus.com. Despite the more compact size, the book has a modern flavor, covering technology and incorporating material to promote conceptual understanding, though not as prominently as in Stewart's other books. ESSENTIAL CALCULUS: EARLY TRANSCENDENTALS features the same attention to detail, eye for innovation, and meticulous accuracy that have made Stewart's textbooks the best-selling calculus texts in the world. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Achieve success in your physics course by making the most of what PHYSICS FOR SCIENTISTS AND ENGINEERS has to offer. From a host of in-text features to a range of outstanding technology resources, you'll have everything you need to understand the natural forces and principles of physics. Throughout every chapter, the authors have built in a wide range of examples, exercises, and illustrations that will help you understand the laws of physics AND succeed in your course! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Designed for the Calculus I-II-III sequence, the seventh edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions--its trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level--while incorporating new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors. For the first time, the Seventh Edition is available in both Late Transcendentals and Early Transcendentals versions.

Stewart's CALCULUS, FIFTH EDITION has the mathematical precision, accuracy, clarity of exposition and outstanding examples and problem sets that have characterized the first four editions. In this Fifth Edition, Stewart retains the focus on problem solving and the pedagogical system that has worked so well for students in a wide variety of colleges and universities throughout the world. He has made refinements to the exposition and examples, to ensure that students have the best materials available.

Further support for students and instructors is now available through a vast array of supplementary material.

Dennis Zill's mathematics texts are renowned for their student-friendly presentation and robust examples and problem sets. The Fourth Edition of Single Variable Calculus: Early Transcendentals is no exception. This outstanding revision incorporates all of the exceptional learning tools that have made Zill's texts a resounding success. Appropriate for the first two terms in the college calculus sequence, students are provided with a solid foundation in important mathematical concepts and problem solving skills, while maintaining the level of rigor expected of a Calculus course.

Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

The author's goal for the book is that it's clearly written, could be read by a calculus student and would motivate them to engage in the material and learn more. Moreover, to create a text in which exposition, graphics, and layout would work together to enhance all facets of a student's calculus experience. They paid special attention to certain aspects of the text: 1. Clear, accessible exposition that anticipates and addresses student difficulties. 2. Layout and figures that communicate the flow of ideas. 3. Highlighted features that emphasize concepts and mathematical reasoning including Conceptual Insight, Graphical Insight, Assumptions Matter, Reminder, and Historical Perspective. 4. A rich collection of examples and exercises of graduated difficulty that teach basic skills as well as problem-solving techniques, reinforce conceptual understanding, and motivate calculus through interesting applications. Each section also contains exercises that develop additional insights and challenge students to further develop their skills.

Countless people have relied on Anton to learn the difficult concepts of calculus. The new ninth edition continues the tradition of providing an accessible introduction to the field. It improves on the carefully worked and special problems to increase comprehension. New applied exercises demonstrate the usefulness of mathematics. More summary tables and step-by-step summaries are included to offer additional support when learning the concepts. And Quick Check exercises have been revised to more precisely focus on the most important ideas. This book will help anyone who needs to learn calculus and build a strong mathematical foundation.

James Stewart's CALCULUS texts are widely renowned for their mathematical precision and accuracy, clarity of exposition, and outstanding examples and problem sets. Millions of students worldwide have explored calculus through Stewart's trademark style, while instructors have turned to his approach time and time again. In the Seventh Edition of CALCULUS, Stewart continues to set the standard for the course while adding carefully revised content. The patient explanations, superb exercises, focus on problem solving, and carefully graded problem sets that have made Stewart's texts best-sellers continue to provide a strong foundation for the Seventh Edition. From the most unprepared student to the most mathematically gifted, Stewart's writing and presentation serve to enhance understanding and build confidence. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Reach Every Student: Through clearly written content In understanding Concepts and Problem Solving In preparation for education/career success Michael Sullivan and Kathleen Miranda have written a contemporary calculus textbook that instructors will respect and students can use. Consistent in its use of language and notation, Sullivan/Miranda's Calculus offers clear and precise mathematics at a level of precision and rigor appropriate for a course in calculus. The authors help students learn calculus conceptually, while also emphasizing computational and problem-solving skills with a wide array of problems including engaging challenge problems and applied exercises that model the physical sciences, life sciences, economics, and other disciplines. Algebra-weak students will benefit from marginal annotations that help strengthen algebraic understanding, the many references to review material, and extensive practice exercises. The second edition features a robust media plan and key revisions and updates throughout, but maintains the pedagogical features and general student focus of the first edition.

Work more effectively and check solutions as you go along with the text! This Student Solutions Manual that is designed to accompany Anton's Calculus: Late Transcendentals, Single Variable, 8th edition provides students with detailed solutions to odd-numbered exercises from the text. Designed for the freshman/sophomore Calculus I-II-III sequence, the eighth edition continues to evolve to fulfill the needs of a changing market by providing flexible solutions to teaching and learning needs of all kinds. The new edition retains the strengths of earlier editions such as Anton's trademark clarity of exposition, sound mathematics, excellent exercises and examples, and appropriate level. Anton also incorporates new ideas that have withstood the objective scrutiny of many skilled and thoughtful instructors and their students.

Calculus hasn't changed, but your students have. Many of today's students have seen calculus before at the high school level. However, professors report nationwide that students come into their calculus courses with weak backgrounds in algebra and trigonometry, two areas of knowledge vital to the mastery of calculus. University Calculus: Alternate Edition responds to the needs of today's students by developing their conceptual understanding while maintaining a rigor appropriate to the calculus course. The Alternate Edition is the perfect alternative for instructors who want the same quality and quantity of exercises as Thomas' Calculus, Media Upgrade, Eleventh Edition but prefer a faster-paced presentation. University Calculus: Alternate Edition is now available with an enhanced MyMathLab(t) course-the ultimate homework, tutorial and study solution for today's students. The enhanced MyMathLab(t) course includes a rich and flexible set of course materials and features innovative Java(t) Applets, Group Projects, and new MathXL(R) exercises. This text is also available with WebAssign(R) and WeBWorK(R).

The ninth edition continues to provide engineers with an accessible resource for learning calculus. The book includes carefully worked examples and special problem types that help improve comprehension. New applied exercises demonstrate the usefulness of the mathematics. Additional summary tables with step-by-step details are also incorporated into the chapters to make the concepts easier to understand. The Quick Check and Focus on Concepts

exercises have been updated as well. Engineers become engaged in the material because of the easy-to-read style and real-world examples.

Part of the market-leading Graphing Approach series by Larson, Hostetler, and Edwards, PRECALCULUS: A GRAPHING APPROACH, 5/e, is an ideal user resource for courses that require the use of a graphing calculator. The quality and quantity of the exercises, combined with interesting applications and innovative resources, make teaching easier and help users succeed. Continuing the series' emphasis on user support, the Fifth Edition introduces Prerequisite Skills Review. For selected examples throughout the book, the Prerequisite Skills Review directs users to previous sections in the text to review concepts and skills needed to master the material at hand. In addition, prerequisite skills review exercises in Eduspace (see below for description) are referenced in every exercise set. The Larson team achieves accessibility through careful writing and design, including examples with detailed solutions that begin and end on the same page, which maximizes the readability of the text. Similarly, side-by-side solutions show algebraic, graphical, and numerical representations of the mathematics and support a variety of learning styles. This Enhanced Edition includes instant access to Enhanced WebAssign®, the most widely-used and reliable homework system. Enhanced WebAssign® presents thousands of problems, links to relevant book sections, video examples, problem-specific tutorials, and more, that help users grasp the concepts needed to succeed in this course. As an added bonus, the Start Smart Guide has been bound into this book. This guide contains instructions to help users learn the basics of WebAssign quickly.

The new edition of Calculus continues to bring together the best of both new and traditional curricula in an effort to meet the needs of even more instructors teaching calculus. The author team's extensive experience teaching from both traditional and innovative books and their expertise in developing innovative problems put them in a unique position to make this new curriculum meaningful for those going into mathematics and those going into the sciences and engineering. This new text exhibits the same strengths from earlier editions including an emphasis on modeling and a flexible approach to technology.

This is the most comprehensive revision of Thomas' Calculus in 25 years. The new edition of Thomas is a return to what Thomas has always been: the book with the best exercises. For the 11th edition, the authors have added exercises cut in the 10th edition, as well as exercises and examples from the classic 5th and 6th editions. The book's theme is that Calculus is about thinking; one cannot memorize it all. The exercises develop this theme as a pivot point between the lecture in class, and the understanding that comes with applying the ideas of Calculus. In addition, the table of contents has been refined, introducing transcendentals in the first seven chapters. Many of the examples have been trimmed of distractions and rewritten with a clear focus on the main ideas. The authors have also excised extraneous information in general and have made the technology much more transparent. The ambition of Thomas 11e is to teach the ideas of Calculus so that students will be able to apply them in new and novel ways, first in the exercises but ultimately in their careers. Every effort has been made to insure that all content in the new edition reinforces thinking and encourages deep understanding of the material.

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Market_Desc: · Electrical Engineering Students · Electrical Engineering Instructors · Power Electronics Engineers
 Special Features: · Easy to follow step-by-step in depth treatment of all the theory. · Computer simulation chapter describes the role of computer simulations in power electronics. Examples and problems based on Pspice and MATLAB are included. · Introductory chapter offers a review of basic electrical and magnetic circuit concepts. · A new CD-ROM contains the following: · Over 100 of new problems of varying degrees of difficulty for homework assignments and self-learning. · PSpice-based simulation examples, which illustrate basic concepts and help in design of converters. · A newly-developed magnetic component design program that demonstrates design trade-offs. · PowerPoint-based slides, which will improve the learning experience and the ease of using the book
 About The Book: The text includes cohesive presentation of power electronics fundamentals for applications and design in the power range of 500 kW or less. It describes a variety of practical and emerging power electronic converters made feasible by the new generation of power semiconductor devices. Topics included in this book are an expanded discussion of diode rectifiers and thyristor converters as well as chapters on heat sinks, magnetic components which present a step-by-step design approach and a computer simulation of power electronics which introduces numerical techniques and commonly used simulation packages such as PSpice, MATLAB and EMTP.

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