Calculus Jon Rogawski 2nd Edition

Rogawski's remarkable textbook was immediately acclaimed for balancing formal precision with a guiding conceptual focus that engages students while reinforcing the relevance of calculus to their lives and future studies. Precise formal proofs, vivid examples, colorful graphics, intuitive explanations, and extraordinary problem sets all work together for an introduction to the course that is engaging and enduring. Watch instructor video reviews here. Now Rogawski's Calculus returns in a meticulously updated new edition, in a version designed specifically for AP courses. Rogawski's Calculus for AP*, Second Edition features a new coauthor, Ray Cannon, formerly AP Calculus Chief Reader for the College Board. Among other contributions, Dr. Cannon wrote this version's end-of-chapter multiple choice and Free Response Questions, giving students the opportunity to work the same style of problems they will see on the AP exam. TEACHERS: Download now Rogawski's Calculus for AP*, Second Edition Early Transcendentals, featuring Chapter 3, Differentiation
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TEACHERS: Download now or click here to request Rogawski's Calculus for AP*, Second Edition Chapter Sampler for Early Transcendentals, featuring Chapter 3, Differentiation
One of the most successful calculus book of its generation, Jon Rogawski's vital Calculus textbook offers an ideal balance of formal precision and dedicated conceptual focus, helping students build strong computational skills while continually reinforcing the relevance of calculus to their future studies and their professional lives after university. Now guided by a new author Colin Adams, this third edition for early transcendentals multivariable stays true to the late Jon Rogawski's refreshing and highly effective approach. It also draws on extensive feedback gathered from instructors and student alike, as well as making use of Adams' three decades of experience as a calculus teacher and author of math books for general audiences. As such, Calculus is the perfect fit for teaching the subject at university.
An introduction to vector calculus with the aid of Mathematica® computer algebra system to represent them and to calculate with them. The unique features of the book, which set it apart from the existing textbooks, are the large number of illustrative examples. It is the author's opinion a novice in science or engineering needs to see a lot of examples in which mathematics is used to be able to "speak the language." All these examples and all illustrations can be replicated and used to learn and discover vector calculus in a new and exciting way. Reader can practice with the solutions, and then modify them to solve the particular problems assigned. This should move up problem solving skills and to use Mathematica® to visualize the results and to develop a deeper intuitive understanding. Usually, visualization provides much more insight than the formulas themselves. The second edition is an addition of the first. Two new chapters on line integrals, Green's Theorem, Stokes's Theorem and Gauss's Theorem have been added.
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What's the ideal balance? How can you make sure students get both the computational skills they need and a deep understanding of the significance of what they are learning? With your teaching--supported by Rogawski's Calculus Second Edition--the most successful new calculus text in 25 years! Widely adopted in its first edition, Rogawski's Calculus worked for instructors and students by balancing formal precision with a guiding conceptual focus. Rogawski engages students while reinforcing the relevance of calculus to their lives and future studies. Precise mathematics, vivid examples, colorful graphics, intuitive explanations, and extraordinary problem sets all work together to help students grasp a deeper understanding of calculus. Now Rogawski's Calculus success continues in a meticulously updated new edition. Revised in response to user feedback and classroom experiences, the new edition provides an even smoother teaching and learning experience.
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Paired with the Chaoyue: Advancing in Chinese language text, this workbook completes one of the most sophisticated and comprehensive language instruction tools currently available. The workbook cements students' interpersonal communication skills and their ability to present and interpret Chinese as it is spoken and written. Filled with authentic uses of the language from everyday life, the workbook, just like the textbook, paints a vivid portrait of the Chinese-speaking world for a variety of students to grasp. Also in line with the text, the workbook emphasizes communication, cultures, comparisons, connections, and communities, and includes relatable topics, such as the self, schooling, and social customs, altogether engendering an appreciation of Chinese within a solidly global context. Instructors may request an answer key by sending an e-mail to Jonathan Fiedler at jf2801@columbia.edu. Please provide your name, title, institution, and number of students in the course.
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This is a new approach to teach Chinese as a foreign language and is designed for primary school students who start to learn

Chinese as total beginners. The focus is to build strong foundation of mastering pin yin and tones through listening to lively rhymes, pictures, and story telling. The topics include such common routines as greetings, classroom language, numbers and dates, colors and clothing, house and rooms, and animals. The set comprises 4 books, each book consists of one textbook with a CD and one workbook. This workbook consist of reproducible exercises.
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