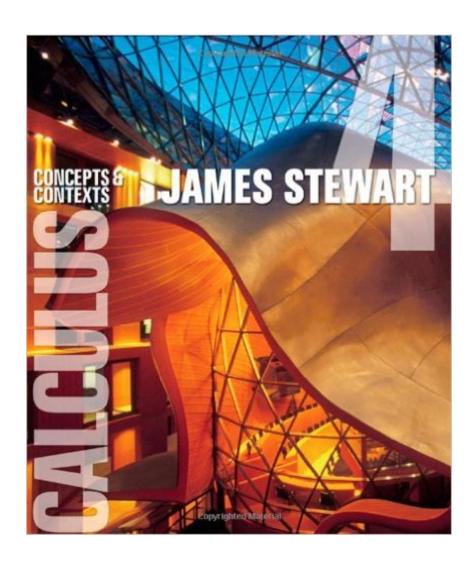
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Calculus: Concepts And Contexts (Available 2010 Titles Enhanced Web Assign)





Synopsis

Stewart's CALCULUS: CONCEPTS AND CONTEXTS, FOURTH EDITION offers a streamlined approach to teaching calculus, focusing on major concepts and supporting those with precise definitions, patient explanations, and carefully graded problems. CALCULUS: CONCEPTS AND CONTEXTS is highly regarded because this text offers a balance of theory and conceptual work to satisfy more progressive programs as well as those who are more comfortable teaching in a more traditional fashion. Each title is just one component in a comprehensive calculus course program that carefully integrates and coordinates print, media, and technology products for successful teaching and learning.

Book Information

Series: Available 2010 Titles Enhanced Web Assign (Book 4)

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Average Customer Review: 3.1 out of 5 stars Â See all reviews (107 customer reviews)

Best Sellers Rank: #8,736 in Books (See Top 100 in Books) #6 in Books > Textbooks > Science

& Mathematics > Mathematics > Calculus #10 in Books > Science & Math > Mathematics > Pure

Mathematics > Algebra > Elementary #11 in Books > Science & Math > Mathematics > Pure

Mathematics > Calculus

Customer Reviews

This book was actually my textbook for 3 semesters in a row, and, throughout that time, I've been basically forced to live with this book next to me at almost all times. There are certainly some good points and bad, but I'll start with the good. First off, the book does an excellent job, in my opinion, of giving every student of (almost) all ability levels a chance to grasp some deep calculus theories. For the math majors, that includes theoretical proofs (though most are just sketched in there!) and some good proof problems near the end of each section, and, for the non-math people, many applied problems (both "textbook" and "real-world" applied problems) combined with many routine drill-type problems to drive the concepts home. I also liked the numerous amounts of graphs and pictures

drawn in the book, especially for 3-D graphing and surfaces, where it's not as easy to construct those by hand. His review of algebra and trigonometry is also very helpful, as my high school did not cover some of the topics in my precalc class before I took calculus I in college. But, for the bad, my first gripe is with the organization. You can obviously tell that the book was written in two volumes as there is a clear shift from single-variable to multi-variable in the style of presentation (less examples in the multi-variable, no CD-ROM help available) and language (he shifts from a "let's be nice to the student" point of view in the beginning to skipping some essential steps in exercises and writing like a math professor as you go along!). Also, I felt that some of the sections were out of place where they were, like the l'Hospital's Rule section being right in-between a bunch of sections on physical applications of dervatives?

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