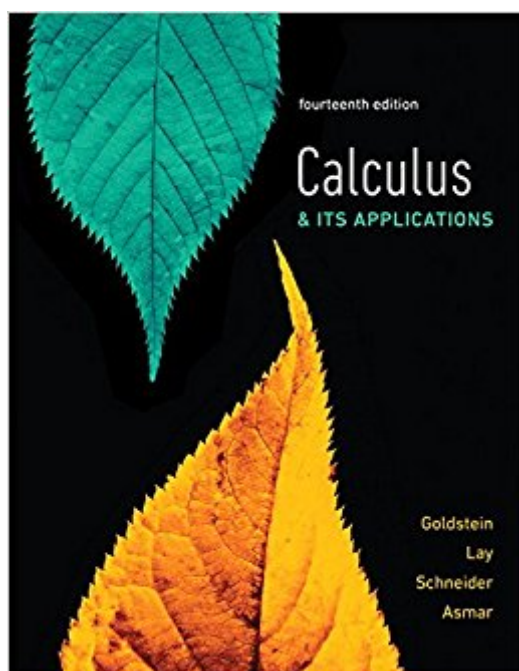The book was found

Calculus & Its Applications (14th Edition)

Synopsis

For one- or two-semester courses in Calculus for students majoring in business, social sciences, and life sciences. Â Intuition before Formality Calculus & Its Applications builds intuition with key concepts of calculus before the analytical material. For example, the authors explain the derivative geometrically before they present limits, and they introduce the definite integral intuitively via the notion of net change before they discuss Riemann sums. The strategic organization of topics makes it easy to adjust the level of theoretical material covered. The significant applications introduced early in the course serve to motivate students and make the mathematics more accessible. Another unique aspect of the text is its intuitive use of differential equations to model a variety of phenomena in Chapter 5, which addresses applications of exponential and logarithmic functions. Â Time-tested, comprehensive exercise sets are flexible enough to align with each instructorâ ™s needs, and new exercises and resources in MyLabâ„¢ MathÂ help develop not only skills, but also conceptual understanding, visualization, and applications. The 14th Edition features updated exercises, applications, and technology coverage, presenting calculus in an intuitive yet intellectually satisfying way. Â Also available with MyLab Math MyLabâ„¢ MathÂ 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. In the new edition,Â MyLab MathÂ has expanded to include a suite of new videos, Interactive Figures, exercises that require step-by-step solutions, conceptual questions, calculator support, and more.   Note: You are purchasing a standalone product; MyLabÂ 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. Â If you would like to purchase both the physical text and MyLab, search for: 0134467078 / 9780134467078 Calculus & Its Applications plusÂ MyLab MathÂ with Pearson eText -- Access Card Package, 14/e   Package consists of: 0134437772 / 9780134437774 Calculus & Its Applications 0321431308 / 9780321431301Â MyLab MathÂ -- Glue-in Access Card 0321654064 / 9780321654069Â MyLab MathÂ Inside Star Sticker

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Larry Goldstein has received several distinguished teaching awards, given more than fifty Conference and Colloquium talks & addresses, and written more than fifty books in math and computer programming. He received his PhD at Princeton and his BA and MA at the University of Pennsylvania. He also teaches part time at Drexel University. David Lay holds a BA from Aurora University (Illinois), and an MA and PhD from the University of California at Los Angeles. David Lay has been an educator and research mathematician since 1966, mostly at the University of Maryland, College Park. He has published more than 30 research articles on functional analysis and linear algebra, and he has written several popular textbooks. Lay has received four university awards for teaching excellence, including, in 1996, the title of Distinguished Scholarâ ”Teacher of the University of Maryland. In 1994, he was given one of the Mathematical Association of Americaâ ™s Awards for Distinguished College or University Teaching of Mathematics. Since 1992, he has served several terms on the national board of the Association of Christians in the Mathematical Sciences. David Schneider, who is known widely for his tutorial software, holds a BA degree from Oberlin College and a PhD from MIT. He is currently an associate professor of mathematics at the University of Maryland. He has authored eight widely used math texts, fourteen highly acclaimed computer books, and three widely used mathematics software packages. He has also produced instructional videotapes at both the University of Maryland and the BBC. Nakhle Asmar received his PhD from the University of Washington. He is currently a professor of mathematics and Chair of the Mathematics Department at the University of Missouri, Columbia. He is the author and coauthor of widely used calculus texts as well as textbooks on complex analysis, partial differential equations and Fourier series. He has received several awards for outstanding teaching. His popular textbooks have been translated into Chinese and Portuguese.

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