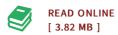# Single Variable Calculus (Stewart's Calculus Series)

By Stewart, James

Cengage Learning, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. FUNCTIONS AND MODELS. Four Ways to Represent a Function. Mathematical Models: A Catalog of Essential Functions. New Functions from Old Functions. Graphing Calculators and Computers. Review. Principles of Problem Solving. 2. LIMITS. The Tangent and Velocity Problems. The Limit of a Function. Calculating Limits Using the Limit Laws. The Precise Definition of a Limit. Continuity. Review. Problems Plus. 3. DERIVATIVES. Derivatives and Rates of Change. Writing Project: Early Methods for Finding Tangents. The Derivative as a Function. Differentiation Formulas. Applied Project: Building a Better Roller Coaster. Derivatives of Trigonometric Functions. The Chain Rule. Applied Project: Where Should a Pilot Start Descent? Implicit Differentiation. Rates of Change in the Natural and Social Sciences. Related Rates. Linear Approximations and Differentials. Laboratory Project: Taylor Polynomials. Review. Problems Plus. 4. APPLICATIONS OF DIFFERENTIATION. Maximum and Minimum Values. Applied Project: The Calculus of Rainbows. The Mean Value Theorem. How Derivatives Affect the Shape of a Graph. Limits at Infinity; Horizontal Asymptotes. Summary of Curve Sketching. Graphing with Calculus and Calculators. Optimization Problems. Applied Project: The Shape of a Can. Newton's Method. Antiderivatives. Review. Problems Plus. 5. INTEGRALS....

READ ONLINE
[3.82 MB]

Reviews

It is really an incredible publication that we have possibly study. Of course, it really is engage in, continue to an interesting and amazing literature. You are going to like how the writer compose this publication.
-- Bailey Lehner

Completely among the finest publication I have possibly read. It really is basic but excitement in the fifty percent from the pdf. Your lifestyle span is going to be convert when you total looking at this publication.
-- Dr. Curt Harber