



DOWNLOAD



University Calculus: Alternate Edition

By Hass, Joel R.; Weir, Maurice D.; Thomas Jr., George B.

Pearson, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. Functions 1.1 Functions and Their Graphs 1.2 Combining Functions; Shifting and Scaling Graphs 1.3 Trigonometric Functions 1.4 Graphing with Calculators and Computers 2. Limits and Continuity 2.1 Rates of Change and Tangents to Curves 2.2 Limit of a Function and Limit Laws 2.3 The Precise Definition of a Limit 2.4 One-Sided Limits and Limits at Infinity 2.5 Infinite Limits and Vertical Asymptotes 2.6 Continuity 2.7 Tangents and Derivatives at a Point 3. Differentiation 3.1 The Derivative as a Function 3.2 Differentiation Rules 3.3 The Derivative as a Rate of Change 3.4 Derivatives of Trigonometric Functions 3.5 The Chain Rule 3.6 Implicit Differentiation 3.7 Related Rates 3.8 Linearization and Differentials 3.9 Parametrizations of Plane Curves 4. Applications of Derivatives 4.1 Extreme Values of Functions 4.2 The Mean Value Theorem 4.3 Monotonic Functions and the First Derivative Test 4.4 Concavity and Curve Sketching 4.5 Applied Optimization 4.6 Newton's Method 4.7 Antiderivatives 5. Integration 5.1 Area and Estimating with Finite Sums 5.2 Sigma Notation and Limits of Finite Sums 5.3 The Definite Integral 5.4 The Fundamental Theorem of Calculus 5.5 Indefinite Integrals and the Substitution Rule...



READ ONLINE

[9.59 MB]

Reviews

This publication is definitely not effortless to get going on reading but very fun to learn. It really is written in simple terms rather than difficult to understand. Its been printed in an extremely simple way and it is merely right after i finished reading through this pdf by which basically changed me, alter the way in my opinion.

-- **Scotty Paucek**

This pdf is really gripping and intriguing. It typically is not going to charge excessive. Its been printed in an exceptionally easy way and it is simply right after i finished reading this ebook where basically altered me, modify the way i believe.

-- **Dr. Damian Kuhn V**