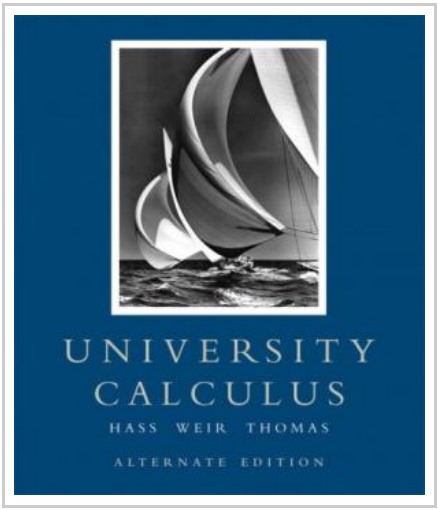

University Calculus: Alternate Edition

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...

Reviews

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Good electronic book and valuable one. It really is basic but unexpected situations in the 50 percent in the pdf. You wont really feel monotony at at any moment of your time (that's what catalogues are for concerning when you ask me).

-- ***Elisa Reinger***