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Teach Yourself VISUALLY Calculus (Teach Yourself VISUALLY Consumer)

By Johnson M.A., Dale W.

Visual, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Chapter 1: An Introduction to Limits. Limits in Calculus. Definition of the Limit of a Function. One-Sided Limits. Determine Limits from the Graph of a Function. Calculate Limits Using Properties of Limits. Continuity at a Point or on an Interval. The Intermediate Value and Extreme Value Theorems. Chapter 2: Algebraic Methods to Calculate Limits. Direct Substitution. Indeterminate Forms. Dealing with Indeterminate Forms. Limits at Infinity: Horizontal Asymptotes. Chapter 3: Introduction to the Derivative. What Can Be Done With a Derivative? Derivative as the Slope of a Tangent Line. Derivative by Definition. Find the Equation of a Line Tangent to a Curve. Horizontal Tangents. Alternate Notations for a Derivative. Derivative as a Rate of Change. Differentiability and Continuity. Chapter 4: Derivatives by Rule. Derivatives of Constant, Power, and Constant Multiple. Derivatives of Sum, Difference, Polynomial, and Product. The General Power Rule. The Quotient Rule. Rolle's Theorem and the Mean Value Theorem. Limits: Indeterminate Forms and L'Hopital's Rule. Chapter 5: Derivatives of Trigonometric Functions. Derivatives of Sine, Cosine, and Tangent. Derivatives of Secant, Cosecant, and Cotangent. L'Hopital's Rule and Trigonometric Functions. The Chain Rule. Trigonometric Derivatives and the Chain Rule. Derivates of the Inverse Trigonometric Functions. Chapter 6: Derivatives of Logarithmic and Exponential Functions. Derivatives of Natural Logarithmic

Reviews

Merely no words to describe. I have got study and i am confident that i am going to planning to go through yet again once again in the foreseeable future. You will like just how the writer compose this publication.

-- **Devante Schmitt**

Complete guideline! Its this sort of excellent read. I could comprehended every little thing out of this written e publication. Its been designed in an remarkably easy way and it is only right after i finished reading this publication by which really transformed me, affect the way i think.

-- **Prof. Shanie Schinner Sr.**