



Teach Yourself VISUALLY Calculus (Teach Yourself VISUALLY Consumer)

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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.Derivatives of the Inverse Trigonometric Functions.Chapter 6: Derivatives of Logarithmic and Exponential Functions.Derivatives of Natural Logarithmic

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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.**