



Differential And Integral Calculus (Paperback)

By Augustus de Morgan

Read Books, United Kingdom, 2006. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.DIFFERENTIAL AND INTEGRAL CALCULUS BY AUGUSTUS DE MORGAN CONTENTS: On the Ratio or Proportion of Two Magnitudes On the Ratio of Magnitudes that Vanish Together On the Ratios of Continuously Increasing or Decreasing Quantities The Notion of Infinitely Small Quantities On Functions Infinite Series Convergent and Divergent Series. Taylors Theorem, Derived Functions. Differential Coefficients The Notation of the Differential Calculus Algebraical Geometry On the Connexion of the Signs of Algebraical and the. Directions of Geometrical .Magnitudes The Drawing of a Tangent to a Curve. Rational Explanation of the Language of Leibnitz Orders of Infinity A Geometrical Illustration: Limit of the Intersections of Two Coinciding Straight Lines, The Same Problem Solved by the Principles of Leibnitz An Illustration from Dynamics Velocity, Acceleration, etc, Simple Harmonic Motion The Method of Fluxions Accelerated Motion Limiting Ratios of Magnitudes that Increase Without Limit. Recapitulation of Results Retched in the Theory of Functions, Approximations by the Differential Calculus Solution, of Equations by the Differential Calculus Partial and Total Differentials Application of the Theorem for Total Differentials to the Determination of Total Resultant...



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