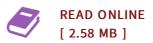




A Short Treatise on the Principles of the Differential and Integral Calculus [By B. Powell].

By Baden Powell

Not Avail, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1829 Excerpt: .n2 is n3, we have (i.yy V dx2) n? Differentiating now the equation =-we shall find d2y ndm--mdn dx--n2 and dividing the first side of this equation by dx, and the second by n, which is equivalent to dx, we shall have d y ndm--mdn dx2 n3 By means of these values given by the two last equations, the expression for the radius of curvature becomes, (m + n V y-- --. ndm--mdn and we have now only to transform this equation into a function of 8 and r; for which purpose we must determine first the value of n2 + m, by adding the squares of the value of m and n, and reducing by means of the equation sin. fl + cos. fll; when we shall find n2 + m2 = dr2 + r2 dQ2. To obtain the denominator of the equation...



Reviews

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