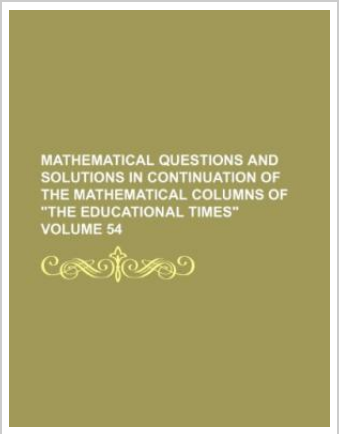

Mathematical Questions and Solutions in Continuation of the Mathematical Columns of The Educational Times Volume 54

By Books Group

Rarebooksclub.com, 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. 1891 Excerpt: .radius vector. Any one of these curves can be drawn to have four-pointic contact with a given curve at any point, and, if the curve be such that the pole of the osculating spiral (S) lie always on the radius vector, the locus of S will he the inverse of the given curve with respect to the origin. If the chord of curvature through the pole be kr, it wilLbe found that dpjds=(k--1)cot OPY (when S lies on OP), whence---oco-i, 3 = a3-o A- dp will be the equation for a curve such that the locus of the pole of the osculating spiral is the inverse, with respect to the circle r-= A2, of the curve. If the constant term in this equation be omitted, it is the equation between r anip for the spiral. Perhaps the equation would be better, written in the form --2...

Reviews

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