Notes on Roulettes and Glissettes

By William Henry Besant

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. 1890 Excerpt: .r = a(l--cos6); prove that the fixed and moving centrodes are circles. 14. A straight line ACB slides on a fixed curve, the middle point C being always in contact with the curve; if 1/p is the curvature at C, and 1/r and 1/s are the curvatures of the paths of A and B, and if AB = 2c, prove that 15. A given point in a straight line moves along a given diameter, produced, of a given circle, and the straight line always touches the circle; prove that this motion is equivalent to the rolling of a parabola upon the curve, ay = (a; + ay(2ax + x), the parabola starting with its vertex at the origin. 16. The end P of a finite line PQ travels on a closed curve which has no points of inflexion, and the line PQ is inclined at a...

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