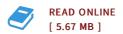# A Treatise on Comic Sections and the Application of Algebra to Geometry

By John Hymers

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. 1845 Excerpt: .D . 196. All parallelograms whose sides touch a hyperbola and the conjugate hyperbola at the extremities of a pair of conjugate diameters, are equal to one another. Draw PF perpendicular to CD (fig. 58), then (Art. 191) area of whole parallelogram = 4 CD. PF = 4 CD. C T sin TCP j / g = 4Z)J/.C77 = 4--.--, = 4a6. a x 197-Draw the diagonal CL (fig. 58), which will pass through the middle point of DP, whose co-ordinates are equal +CN), which value is independent of the positions of CP and CD; hence the parallelograms whose sides touch a hyperbola and its conjugate at the extremities of a pair of conjugate diameters, are not only equal in area, but they all have their diagonals in the same line; namely, the diagonal of the rectangle whose sides are the semi-axes. 198. If we denote...

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## Reviews

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