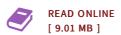# Complex Conics and Their Real Representation (Classic Reprint)

By Benjamin Ernest Mitchell

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Complex Conics and Their Real Representation 1. Historical. - The introduction of the imaginary quantity, or the complex quantity comprehending both the real and the imaginary, into analysis had the effect not only of extension and generalization but also in many cases of simplification. Such results in the realm of geometry have not yet been fully realized. In the preface to his Einfuhrung in die analytische Geometrie, Kowalewski says: Eine grosse Schwierigkeit in der analytischen Geometrie ist die exakte Behandlung des Imaginaren. But the incorporation of the imaginary in geometry does not require any more of reconstruction and readjustment than it did in the case of analysis. A satisfactory theory of imaginary quantities of the ordinary algebra . with difficulty obtained recognition in the first third of this century ., it . was not sought for or invented - it forced itself, unbidden, upon the attention of mathematicians, and with its rules already formed. No sooner had the imaginary won its rightful place in analysis at the hand of Gauss and Cauchy than it began...

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Reviews