



## Cartesian plane geometry Volume 1

By Charlotte Angas Scott

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 62 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1907 Excerpt: . . . Examples 18, 19, above, may be stated in the form--A line envelopes  $x^2 y^2 k^2$ ; find the locus of its pole with respect to  $-5 l$ . a1 A point describes  $x^2 y^2 k^2$ , find the envelope of its polar with respect to. -- 1. For a reason that will be explained in Chapter XII. , the two curves which are respectively described by the pole and enveloped by the polar are called reciprocal polars with respect to the given (fundamental) conic. Example. --A point describes the curve  $2x^2 5xy 2y^2 4x 2y-1 0$ ; find the envelope of its polar with respect to  $x^2 4y^2 100$ . The polar of  $(x, y)$  is  $xx 4yyf 100$ ; the coordinates  $(, 1)$  of the polar of  $(x, y)$  are therefore-- $j x, y-100 -25$  The problem is now,  $x, y$  satisfy the equation-- $2x^2 bxy 1 2y^2 4x 2y-1 0$ ; to what relation are...



**READ ONLINE**  
[ 5.68 MB ]

### Reviews

*Thorough manual for ebook fans. it had been writtern quite properly and valuable. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Dr. Catherine Wehner**

*Absolutely among the best book I have possibly go through. I have go through and that i am certain that i am going to gonna read through once again again in the future. I am just delighted to tell you that this is basically the finest book i have got go through within my personal existence and could be he finest book for ever.*

-- **Brian Bauch**