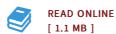




## A Syllabus of a Course of Lectures Upon Trigonometry; And the Application of Algebra to Geometry

By Henry Pearson

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. 1833 Excerpt: .is commonly given. 52. The equation ay2+a?y+cr2+/=o (6), (suppressing the accents of r and y), may be transformed in all cases, in such a manner, that the term involving wy may be exterminated, by changing the direction of the rectangular axes (without altering the origin) through an angle-b 9, such that tan 9.9 = . a--c The transformed equation becomes (suppressing the accents of x and y), ay +cV+/=0 (c), or ia+c+A/(a-c)2+62Jy!!+lfa+C-v/(a-c)2+6aa?2+/=0(d). 53. If 4ac be greater than b2, the coefficients d and c must have the same algebraical sign, whether +or-: if 4oc be less than b2, the coefficients a and c must have different algebraical signs, whether +or-: if 4ac = b2, we have c = 0: but this is the case excepted above (Art. 50.), where the coefficients of the simple powers of x and y...



## Reviews

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