



A Second Book in Algebra

By Fletcher Durell

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. 1920 edition. Excerpt: .of Curves. What is a symmetrical plane figure as defined in geometry? How many axes of symmetry has a square? An equilateral triangle? A circle? Note that in Ex. 2 on page 169 the ellipse is symmetrical to both the axis of x and the axis of y . The same is true of the hyperbola in Ex. 3 above. How may labor be saved in constructing a graph that is symmetrical to one axis only? To both axes? How can you tell from its equation whether a graph will be symmetrical to the axis of y To the axis of x ? Sug. In Ex. 24 show that whatever the value of y , x always equals 1 or 2. Hence the required graph is two straight lines parallel to the y -axis. 25. $y = -18x^2$. Sug. Let each space on the $2/y$ -axis = 20. 26. $2/2 = \dots$



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