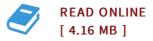




Higher Algebra (Paperback)

By George Egbert Fisher

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. 1901 Excerpt: .!-i+ W-3, -i-iV-3 27. Division of Complex Numbers.--The quotient of one complex number by another is in general a complex number. Fn a + bi (a + bi) (c--di) (ac + bd) + (be--ad) i c + di (c + di) (c--di) c2 + d2 ac + bd. be--ad. c + d1 f + d2 28. It follows from the preceding article that a fraction whose denominator is a complex number can be expressed as a complex number by multiplying both numerator and denominator by the conjugate of the denominator. Ex 1 l+V-2 (l+y-2)(-V-3) -V-3+V6 2V-3 (2V-3)(-V-3) 6 Notice that it was necessary to multiply numerator and denominator only by--/--3. Ex. 2. 2-V-3 =2-y-3=wv 3 CHAPTER XXI. QUADRATIC EQUATIONS. 1. A Quadratic Equation is an equation of the second degree in the unknown number or numbers. E.g., x = 25, -5 + 6 = 0,...



Reviews

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