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College Algebra (Illustrated edition)

By Henry Burchard Fine

American Mathematical Society. Hardback. Book Condition: new. BRAND NEW, College Algebra (Illustrated edition), Henry Burchard Fine, At the beginning of the twentieth century, college algebra was taught differently than it is nowadays. There are many topics that are now part of calculus or analysis classes. Other topics are covered only in abstract form in a modern algebra class on field theory. Fine's "College Algebra" offers the reader a chance to learn the origins of a variety of topics taught in today's curriculum, while also learning valuable techniques that, in some cases, are almost forgotten. In the early 1900s, methods were often emphasized, rather than abstract principles. In this book, Fine includes detailed discussions of techniques of solving quadratic and cubic equations, as well as some discussion of fourth-order equations. There are also detailed treatments of partial fractions, the method of undetermined coefficients, and synthetic division. The book is ostensibly an algebra book; however, it covers many topics that are found throughout today's curriculum: calculus and analysis - infinite series, partial fractions, undetermined coefficients, and properties of continuous functions; number theory - continued fractions; and, probability - basic results in probability. Though the book is structured as a textbook, modern mathematicians will...



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