Algebra. Vol.1
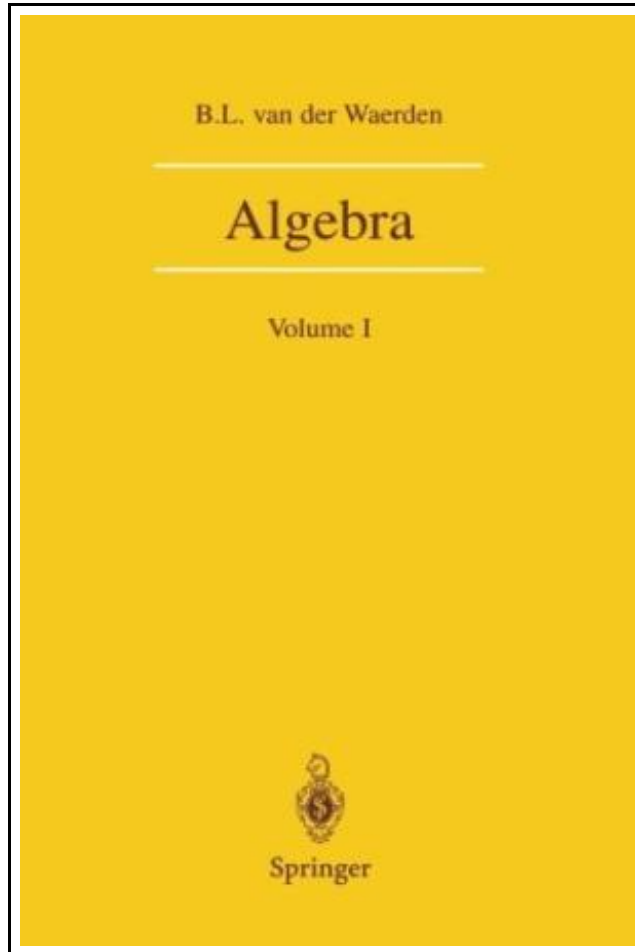
B.L. van der Waerden

Algebra

Volume I

Springer

Filesize: 7.13 MB

Reviews

Comprehensive information for publication enthusiasts. I could possibly comprehended every little thing using this composed e pdf. You can expect to like the way the article writer create this pdf.
(Abby Kozey IV)

ALGEBRA. VOL.1

To get **Algebra. Vol.1** eBook, remember to refer to the button below and download the ebook or have accessibility to other information which are have conjunction with ALGEBRA. VOL.1 book.

Book Condition: New. Publisher/Verlag: Springer, Berlin | Based in part on lectures by E. Artin and E. Noether | This beautiful and eloquent text transformed the graduate teaching of algebra in Europe and the United States. It clearly and succinctly formulated the conceptual and structural insights which Noether had expressed so forcefully and combined it with the elegance and understanding with which Artin had lectured. This text is a reprinted version of the original English translation of the first volume of B.L. van der Waerden's Algebra. | 1 Numbers and Sets.- 1.1 Sets.- 1.2 Mappings. Cardinality.- 1.3 The Number Sequence.- 1.4 Finite and Countable (Denumerable) Sets.- 1.5 Partitions.- 2 Groups.- 2.1 The Concept of a Group.- 2.2 Subgroups.- 2.3 Complexes. Cosets.- 2.4 Isomorphisms and Automorphisms.- 2.5 Homomorphisms, Normal Subgroups, and Factor Groups.- 3 Rings and Fields.- 3.1 Rings.- 3.2 Homomorphism and Isomorphism.- 3.3 The Concept of a Field of Quotients.- 3.4 Polynomial Rings.- 3.5 Ideals. Residue Class Rings.- 3.6 Divisibility. Prime Ideals.- 3.7 Euclidean Rings and Principal Ideal Rings.- 3.8 Factorization.- 4 Vector Spaces and Tensor Spaces.- 4.1 Vector Spaces.- 4.2 Dimensional Invariance.- 4.3 The Dual Vector Space.- 4.4 Linear Equations in a Skew Field.- 4.5 Linear Transformations.- 4.6 Tensors.- 4.7 Antisymmetric Multilinear Forms and Determinants.- 4.8 Tensor Products, Contraction, and Trace.- 5 Polynomials.- 5.1 Differentiation.- 5.2 The Zeros of a Polynomial.- 5.3 Interpolation Formulae.- 5.4 Factorization.- 5.5 Irreducibility Criteria.- 5.6 Factorization in a Finite Number of Steps.- 5.7 Symmetric Functions.- 5.8 The Resultant of Two Polynomials.- 5.9 The Resultant as a Symmetric Function of the Roots.- 5.10 Partial Fraction Decomposition.- 6 Theory of Fields.- 6.1 Subfields. Prime Fields.- 6.2 Adjunction.- 6.3 Simple Field Extensions.- 6.4 Finite Field Extensions.- 6.5 Algebraic Field Extensions.- 6.6 Roots of Unity.- 6.7 Galois Fields (Finite Commutative Fields).- 6.8 Separable and Inseparable Extensions.- 6.9 Perfect...

- Read Algebra. Vol.1 Online
- Download PDF Algebra. Vol.1
- Download ePUB Algebra. Vol.1

Other PDFs

[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

Follow the hyperlink under to get "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)" PDF file.

Download eBook »

[PDF] TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

Follow the hyperlink under to get "TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)" PDF file.

Download eBook »

[PDF] America s Longest War: The United States and Vietnam, 1950-1975 (Paperback)

Follow the hyperlink under to get "America s Longest War: The United States and Vietnam, 1950-1975 (Paperback)" PDF file.

Download eBook »

[PDF] Would It Kill You to Stop Doing That?

Follow the hyperlink under to get "Would It Kill You to Stop Doing That?" PDF file.

Download eBook »

[PDF] Violet Rose and the Surprise Party

Follow the hyperlink under to get "Violet Rose and the Surprise Party" PDF file.

Download eBook »

[PDF] Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)

Follow the hyperlink under to get "Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(Chinese Edition)" PDF file.

Download eBook »

[PDF] Read Write Inc. Phonics: Blue Set 6 Storybook 5 Our House (Paperback)

Click the web link below to download "Read Write Inc. Phonics: Blue Set 6 Storybook 5 Our House (Paperback)" document.

Read PDF »

[PDF] Read Write Inc. Phonics: Orange Set 4 Storybook 1 Playday (Paperback)

Click the web link below to download "Read Write Inc. Phonics: Orange Set 4 Storybook 1 Playday (Paperback)" document.

Read PDF »

[PDF] Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Click the web link below to download "Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)" document.

Read PDF »

[PDF] Read Write Inc. Phonics: Blue Set 6 Storybook 4 King of the Birds (Paperback)

Click the web link below to download "Read Write Inc. Phonics: Blue Set 6 Storybook 4 King of the Birds (Paperback)" document.

Read PDF »

[PDF] Read Write Inc. Phonics: Purple Set 2 Storybook 1 Ken s Cap (Paperback)

Click the web link below to download "Read Write Inc. Phonics: Purple Set 2 Storybook 1 Ken s Cap (Paperback)" document.

Read PDF »

[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 2 My Dog Ned (Paperback)

Click the web link below to download "Read Write Inc. Phonics: Green Set 1 Storybook 2 My Dog Ned (Paperback)" document.

Read PDF »