



Elements of Abstract Algebra

By Allan Clark

Dover Publications. Paperback. Book Condition: New. Paperback. 224 pages. Dimensions: 8.3in. x 5.3in. x 0.6in. This concise, readable, college-level text treats basic abstract algebra in remarkable depth and detail. An antidote to the usual surveys of structure, the book presents group theory, Galois theory, and classical ideal theory in a framework emphasizing proof of important theorems. Chapter I (Set Theory) covers the basics of sets. Chapter II (Group Theory) is a rigorous introduction to groups. It contains all the results needed for Galois theory as well as the Sylow theorems, the Jordan-Holder theorem, and a complete treatment of the simplicity of alternating groups. Chapter III (Field Theory) reviews linear algebra and introduces fields as a prelude to Galois theory. In addition there is a full discussion of the constructibility of regular polygons. Chapter IV (Galois Theory) gives a thorough treatment of this classical topic, including a detailed presentation of the solvability of equations in radicals that actually includes solutions of equations of degree 3 and 4 a feature omitted from all texts of the last 40 years. Chapter V (Ring Theory) contains basic information about rings and unique factorization to set the stage for classical ideal theory. Chapter VI (Classical Ideal...



READ ONLINE
[3.92 MB]

Reviews

A top quality publication along with the font used was intriguing to read. I really could comprehend everything using this written e book. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.

-- Cathrine Larkin Sr.

Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.

-- Mark Bernier

See Also



[Scala in Depth](#)

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in. Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By presenting the emerging best practices and designs...



[DK Readers Invaders From Outer Space Level 3 Reading Alone](#)

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 8.9in. x 5.9in. x 0.1in. Are aliens from other planets visiting Earth? Read these amazing stories of alien encounters -- and make up your own mind! The 48-page Level 3 books, designed for...



[DK Readers Day at Greenhill Farm Level 1 Beginning to Read](#)

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in. This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



[The Day I Forgot to Pray](#)

Tate Publishing. Paperback. Book Condition: New. Paperback. 28 pages. Dimensions: 8.7in. x 5.8in. x 0.3in. Alexis is an ordinary five-year-old who likes to run and play in the sandbox. On her first day of Kindergarten, she makes her first school-aged friend, Elizabeth, and...



[The Case of the Hunchback Hairdresser Criss Cross Applesauce](#)

Gallopade International. Paperback. Book Condition: New. Paperback. 54 pages. Dimensions: 7.5in. x 5.0in. x 0.2in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...



[The Gosh Awful Gold Rush Mystery Real Kids, Real Places](#)

Gallopade International. Paperback. Book Condition: New. Paperback. 146 pages. Dimensions: 7.4in. x 5.3in. x 0.6in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an easy, effective, and immediate way to read...