



## Universal Algebra: Fundamentals and Selected Topics

By Clifford Bergman

CRC Press. Hardcover. Condition: New. 320 pages. Dimensions: 9.3in. x 6.0in. x 0.9in. Starting with the most basic notions, *Universal Algebra: Fundamentals and Selected Topics* introduces all the key elements needed to read and understand current research in this field. Based on the author's two-semester course, the text prepares students for research work by providing a solid grounding in the fundamental constructions and concepts of universal algebra and by introducing a variety of recent research topics. The first part of the book focuses on core components, including subalgebras, congruences, lattices, direct and subdirect products, isomorphism theorems, a clone of operations, terms, free algebras, Birkhoff's theorem, and standard Maltsev conditions. The second part covers topics that demonstrate the power and breadth of the subject. The author discusses the consequences of Jonsson's lemma, finitely and nonfinitely based algebras, definable principal congruences, and the work of Foster and Pixley on primal and quasiprimal algebras. He also includes a proof of Murskis theorem on primal algebras and presents McKenzie's characterization of directly representable varieties, which clearly shows the power of the universal algebraic toolbox. The last chapter covers the rudiments of tame congruence theory. Throughout the text, a series of examples illustrates concepts as they...



READ ONLINE  
[ 6.38 MB ]

### Reviews

*It is one of the best books. Better than never, though I am quite late in starting to read this one. You won't feel monotony at any moment of the time (that's what catalogues are for regarding in the event you check with me).*

-- Dr. Kristin Dickens

*Simply no phrases to spell out. It is probably the most remarkable PDF I have ever read through. I am delighted to inform you that this is actually the greatest publication I have ever read within my very own existence and can be the very best book for actually.*

-- Demarcus Ullrich

## You May Also Like



### **The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds**

Anness Publishing. Paperback. Book Condition: new. BRAND NEW, The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds, Nicola Baxter, Geoff Ball, This is a super-size first reading book for 3-5 year olds, with an engaging story, colourful pictures...



### **Nur Collection Bks Bedtime Stories 4 Well Loved FairyTales to Read Aloud and Share by Beth Harwood 2005 Hardcover**

Book Condition: Brand New. Book Condition: Brand New.



### **Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.



### **Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: ( Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



### **Basic Concepts, Grade Preschool**

Book Condition: Brand New. Book Condition: Brand New.



### **Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.