



# Algorithmic and Combinatorial Algebra

By L. A. Bokut'

Springer Mai 1994, 1994. Buch. Book Condition: Neu. 235x155x27 mm. This item is printed on demand - Print on Demand Titel. Neuware - This major volume presents an authoritative overview of developments in algorithmic and combinatorial algebra which have been achieved during the last forty years or so, with an emphasis on the results obtained by the Novosibirsk school of A.I. Mal'tchev and A.I. Shirshov and followers. The book has nine chapters. These deal with Applications of the Composition (or Diamond) Lemma to associative and Lie algebras (Chapters 1 and 3), to subalgebras of free Lie algebras and free products of Lie algebras (Chapters 2 and 4), to word problems and embedding theorems in varieties of Lie algebras and groups (Chapters 5--7) and to the constructive theory of HNN-extensions and its use in analysing the word and conjugacy problems in the Novikov--Boone groups (Chapters 8 and 9). Many results described here appear for the first time in a monograph. The volume concludes with a discussion of three applications. For graduate students and researchers whose work involves algorithmic and combinatorial algebra and its applications. 404 pp. Englisch.



**READ ONLINE**  
[ 2.1 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**