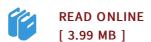# Arithmetic of Blowup Algebras

By Wolmer V. Vasconcelos

Cambridge University Press. Paperback. Book Condition: New. Paperback. 340 pages. Dimensions: 9.0in. x 6.0in. x 0.7in.The theory of blowup algebras--Rees algebras, associated graded rings, Hilbert functions, and birational morphisms--is undergoing a period of rapid development. One of the aims of this book is to provide an introduction to these developments. The emphasis is on deriving properties of rings from their specifications in terms of generators and relations. While this places limitations on the generality of many results, it opens the way for the application of computational methods. A highlight of the book is the chapter on advanced computational methods in algebra built on current understanding of Grbner basis theory and advanced commutative algebra. In a concise way, the author presents the Grbner basis algorithm and shows how it can be used to resolve many computational questions in algebra. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

READ ONLINE
[3.99 MB]

Reviews

Extensive information for book fans. It is writter in basic words and never hard to understand. It is extremely difficult to leave it before concluding, once you begin to read the book.
-- Otis Wisoky

This publication is great. It is full of wisdom and knowledge You will not really feel monotony at at any time of the time (that's what catalogs are for relating to when you ask me).
-- Dr. Everett Dicki DDS