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# Commutative Algebra

## Noetherian and Non-Noetherian Perspectives

- Contains a collection of invited survey articles by some of the leading experts in commutative algebra.
- The included contributions have been carefully selected for their impact on the field.
- Represent various significant developments in both Noetherian and non-Noetherian commutative algebra.

Commutative algebra is a rapidly growing subject that is developing in many different directions. This volume presents several of the most recent results from various areas related to both Noetherian and non-Noetherian commutative algebra. This volume contains a collection of invited survey articles by some of the leading experts in the field. The authors of these chapters have been carefully selected for their important contributions to an area of commutative-algebraic research. Some topics presented in the volume include: generalizations of cyclic modules, zero divisor graphs, class semigroups, forcing algebras, syzygy bundles, tight closure, Gorenstein dimensions, tensor products of algebras over fields, as well as many others. This book is intended for researchers and graduate students interested in studying the many topics related to commutative algebra.

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