

A short introduction to Grobner bases for commutative algebra

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Grobner bases, an important tool in both commutative and non-commutative algebra serve many purposes including it's main purpose to study the structure of A/I , where A is a K algebra and I subset A is an ideal. Grobner bases can also be thought as an even more strong analogue to Euclidean algorithm for algebras with more than one generators. In this article, we will give a brief introduction to this theory in commutative case with examples.

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