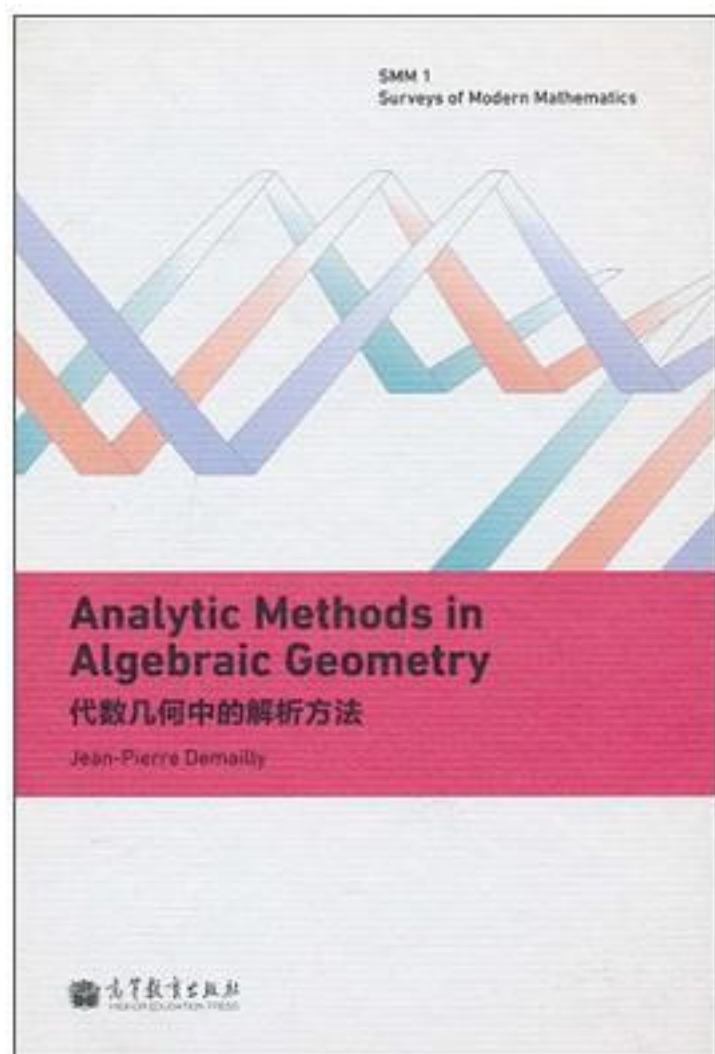


代数几何中的解析方法



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《代数几何中的解析方法(英文版)》内容简介: This volume is an expansion of lectures given by the author at the Park City Mathematics Institute in 2008 as well as in other places. The main purpose of the book is to describe analytic techniques which are useful to study questions such as linear series, multiplier ideals and vanishing theorems for algebraic vector bundles. The exposition tries to be as condensed as possible, assuming that the reader is already somewhat acquainted with the basic concepts pertaining to sheaf theory, homological algebra and complex differential geometry. In the final chapters, some very recent questions and open problems are addressed, for example results related to the finiteness of the canonical ring and the abundance conjecture, as well as results describing the geometric structure of Kahler varieties and their positive cones.

作者介绍:

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标签

数学

algebraic_geometry

复分析

代数几何7

complex_geometry

Math

2012

评论

正性是关键概念（分析和代数的两面性），正向量丛的小平消没定理是Bochner技术和霍奇调和形式的深刻定理，导致了小平嵌入定理推广了黎曼的阿贝簇表示。Bochner技术导致了柯西黎曼算子的L2估计。

讨论班就要开始了。。

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书评

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