

## <<代数几何>>

### 图书基本信息

书名：<<代数几何>>

13位ISBN编号：9787302140801

10位ISBN编号：7302140804

出版时间：2006-11

出版时间：清华大学

作者：扶磊

页数：263

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

## <<代数几何>>

### 内容概要

In spirit, this book is closer to Elements de Geometrie Algebrique (EGA) than the existing textbooks on algebraic geometry. It provides an introduction to schemes, formal schemes, coherent sheaves, and their cohomologies. The prerequisites for reading this book is the knowledge of commutative algebra up to the level of Atiyah-Macdonald's book. The material on algebraic geometry covered in this book provides adequate preparation for reading more advanced books such as Seminaire de Geometrie Algebrique (SGA).

<<代数几何>>

作者简介

Dr. Lei Fu was born in 1970. He obtained his Bachelor degree from Wuhan University in 1989, and Ph. D. from Rice university ( USA ) in 1995. He has been a professor of the Chern Institute of Mathematics at Nankai University since 1999. His main interest is algebraic geometry and number theory, especially  $l$ -adic cohomology theory and its application to the study of varieties over finite fields and local fields.

<<代数几何>>

书籍目录

|  |   |   |   |
|--|---|---|---|
| 1 Schemes and Coherent Sheaves             | 1.1 Presheaves and Sheaves                    | 1.2 Schemes and Morphisms                     | 1.3 Properties of Schemes and Morphisms     |
| 1.4 Coherent Sheaves                       | 1.5 Formal Completions of Schemes and Sheaves | 2 Cohomology of Affine and Projective Schemes | 2.1 Derived Functors                        |
| 2.2 Spectral Sequences                     | 2.3 Čech Cohomology                           | 2.4 Cohomology of Direct Images               | 2.5 Cohomological Study of Proper Morphisms |
| 2.6 Local Freeness of Higher Direct Images | 2.7 Grothendieck's Existence Theorem          | Bibliography                                  | Index                                       |

<<代数几何>>

版权说明

本站所提供下载的PDF图书仅提供预览和简介, 请支持正版图书。

更多资源请访问:<http://www.tushu007.com>