

<<局部域>>

图书基本信息

书名：<<局部域>>

13位ISBN编号：9787506292306

10位ISBN编号：7506292300

出版时间：2008-5

出版时间：世界图书出版公司

作者：赛瑞

页数：241

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>

## &lt;&lt;局部域&gt;&gt;

## 内容概要

The goal of this book is to present local class field theory from the cohomological point of view, following the method inaugurated by Hochschild and developed by Artin-Tate. This theory is about extensions--primarily abelian--of "local" (i.e., complete for a discrete valuation) fields with finite residue field. For example, such fields are obtained by completing an algebraic number field; that is one of the aspects of "localisation". The chapters are grouped in "parts". There are three preliminary parts: the first two on the general theory of local fields, the third on group cohomology. Local class field theory, strictly speaking, does not appear until the fourth part.

## 书籍目录

Introduction Leitfaden Part One LOCAL FIELDS (BASIC FACTS) Part one LOCAL FIELDS (BASIC FACTS)  
 Chapter I Discrete Valuation Rings and Dedekind Domains 1. Definition of Discrete Valuation Ring  
 2. Characterisations of Discrete Valuation Rings 3. Dedekind Domains 4. Extensions 5. The  
 Norm and Inclusion Homomorphisms 6. Example: Simple Extensions 7. Galois Extensions 8.  
 Frobenius Substitution Chapter II Completion 1. Absolute Values and the Topology Defined by a Discrete  
 Valuation 2. Extensions of a Complete Field 3. Extension and Completion 4. Structure of complete  
 discrete valuation rings I: Equal characteristic case 5. Structure of complete discrete valuation rings II: Unequal  
 characteristic case 6. Witt vectors ..... Chapter IV Ramification Groups Chapter V The Norm Chapter  
 VI Artin Representation Part Three GROUP COHOMOLOGY Chapter VII Basic Facts Appendix  
 Non-abelian Cohomology Chapter VIII Cohomology of Finite Groups Chapter IX Theorems of Tate and  
 Nakayama Chapter X Galois Cohomology Chapter XI Class Formations Part Four LOCAL CLASS FIELD  
 THEORY Chapter XII Brauer group of a local field Chapter XIII Local class field theory Chapter XIV Local  
 symbols and Existence Theorem Appendix The global case Chapter XV Ramification Bibliography Supplementary  
 Bibliography for the English Edition

#### 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>