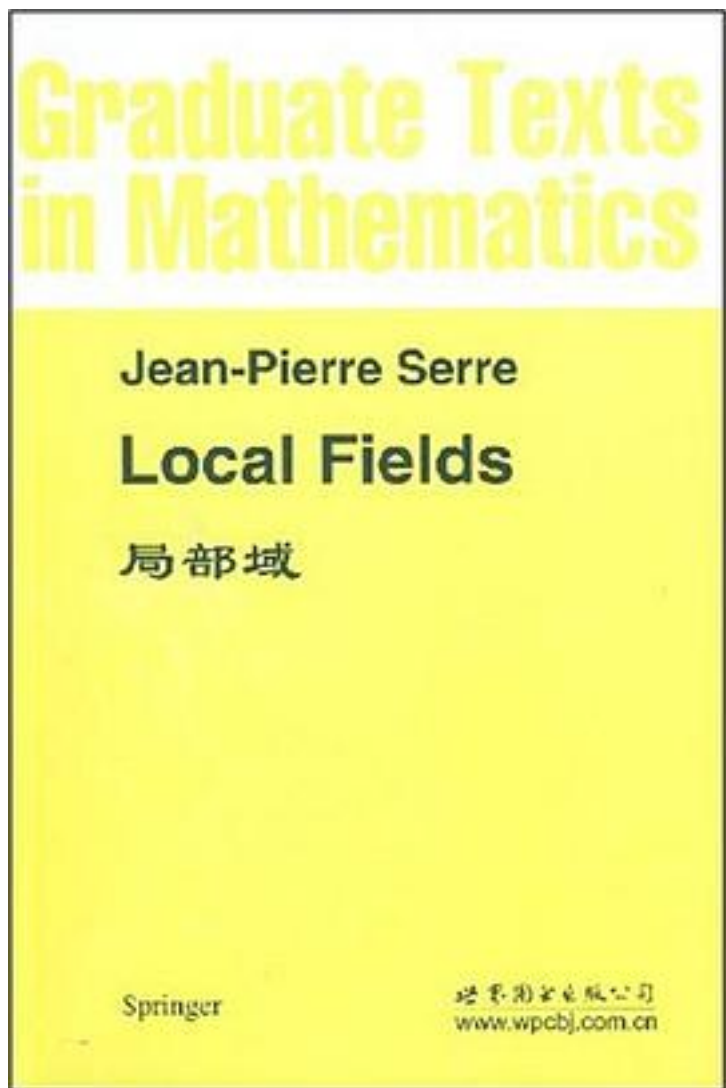


# 局部域



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《局部域》主要内容：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.

作者介绍:

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## 标签

数论

代数

数学

GTM

其余代数7

代数数论

## 评论

前面的代数数论与群的上同调（包括Galois上同调）都是比较有趣的，在简明的基础上也有比较细致的讨论，特别是对分歧群的若干讨论，后面的局部类域论看得稍微马虎了一点，毕竟不是专门研究代数数论的啊~

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从头到尾每个定理每一步都推倒一遍。。。读了半年多。。。代数基本功强行补回来。。。接下来，52。。。

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Serre的书本本经典

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书评

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