

Table of Contents

Chapter 1.	Preliminaries	1
Chapter 2.	Algebraic number fields of Eisenstein type	9
Chapter 3.	Some unramified abelian extensions	23
Chapter 4.	The genus fields	33
Chapter 5.	The case of odd prime degree	54
Chapter 6.	The genus fields of cubic number fields	76
Chapter 7.	The genus fields of pure number fields	87
Notations		97
References		100
Appendix.	An algorithm for constructing the genus field in the case of odd prime degree	103
Subject Index		116