

CONTENTS

Preface	
Chapter I. Preliminaries	1
Chapter II. Fundamental theorems	10
Chapter III. Theorem 1: proof for cyclotomic extensions	24
Chapter IV. Theorem 1: proof for cyclic extensions	28
Chapter V. Theorem 1: proof for abelian extensions	46
Chapter VI. Idele class group and the unit theorem	48
Chapter VII. First fundamental inequality	60
Chapter VIII. Second fundamental inequality	80
Chapter IX. Kronecker's theorem	98
Chapter X. Norm residue symbol	101
Chapter XI. Norm residue symbol for Kummer extensions	124
Chapter XII. Existence theorem	147