

TABLE OF CONTENTS

Introduction	1
Chapter 1. Schur algebras	4
Chapter 2. Cyclotomic algebras	14
Chapter 3. The Brauer-Witt theorem	20
Chapter 4. The Schur subgroup of a p-adic field, $p \neq 2$	34
Appendix to Chapter 4. Determination of local indices of a cyclotomic algebra over a number field	48
Chapter 5. The Schur subgroup of a 2-adic field	54
Chapter 6. Properties of a Schur algebra	89
Chapter 7. The Schur subgroup of a real field	95
Chapter 8. The Schur subgroup of an imaginary field	132
Chapter 9. Some theorems for a Schur algebra	143
Notation and Terminology	152
References	155