

CONTENTS

List of lectures
List of participants

MAURICE AUSLANDER

Finite type implies isolated singularity 1

JAN BRINKHUIS

Normal integral bases and embeddings of fields 5

JULIUSZ BRZEZINSKI

Brauer-Severi schemes of orders 18

COLIN J. BUSHNELL and IRVING REINER

A survey of analytic methods in non-commutative number theory 50

JON F. CARLSON

The variety of a module 88

G.H. CLIFF and A.R. WEISS

Crossed product orders and wild ramification 96

MARYSE DESROCHERS

Self-duality over the maximal order and torsion Galois modules 105

ERNST DIETERICH

Representation types of group rings over complete discrete
valuation rings II 112

ALBRECHT FRÖHLICH

Tame representations, local principal orders and local Weil
groups 126

ROBERT M. GURALNICK

Modules under ground ring extension 150

WILBERD VAN DER KALLEN

The Merkurjev-Suslin theorem 157

HENDRIK LENSTRA

Galois theory and primality testing 169

LEON R. McCULLOH	
Stickelberger ideals, monoid rings and Galois module structure	190
FRANK DE MEYER and RICHARD MOLLIN	
The Schur group	205
ROBERT OLIVER	
Projective class groups of integral group rings: a survey	211
WOLFGANG RUMP	
Module valuations and representations of completely reducible orders	233
PER SALBERGER	
Galois descent and class groups of orders	239
ROBERT SANDLING	
The isomorphism problem for group rings: a survey	256
MARTIN TAYLOR	
Relative Galois module structure of rings of integers	289