

## Contents

Preface	ix
List of Participants	xi
The Dixmier-Moeglin equivalence for extensions of scalars and Ore extensions JASON P. BELL, KAIYU WU, and SHELLEY WU	1
Nagata-Higman and rings with involution JEFFREY BERGEN	15
On left symmetric color algebras XUEQING CHEN, ZHIQI CHEN, and MING DING	25
On the automorphism group of rational group algebras of finite groups M. DOKUCHAEV and A. ZALESSKI	33
Graded simple modules and loop modules ALBERTO ELDUQUE and MIKHAIL KOCHETOV	53
Symmetric groups and fixed points on modules: An application of group theory to topology GEORGE GLAUBERMAN	87
Free unit groups in group rings and division rings: My collaboration with Don Passman JAIRO Z. GONCALVES	93
Group rings and Jordan decomposition ALFRED W. HALES and INDER BIR S. PASSI	103
On the Toeplitz-Jacobson algebra and direct finiteness MIODRAG IOVANOV and ALEXANDER SISTKO	113
Frobenius divisibility for Hopf algebras ADAM JACOBY and MARTIN LORENZ	125
Generalized nil-Coxeter algebras, cocommutative algebras, and the PBW property APOORVA KHARE	139
$p$ -subgroups of units in $\mathbb{Z}G$ WOLFGANG KIMMERLE and LEO MARGOLIS	169
On the classification of finite-dimensional semisimple Hopf algebras LEONID KROP	181

Zero divisors in group rings of wreath products of groups A. I. LICHTMAN	219
The lattice of submodules of a multiplicity-free module IAN M. MUSSON	237
Star group identities on units of group algebras C. POLCINO MILIES	249
A note on group algebras of locally compact groups ASHISH K. SRIVASTAVA	259
Elementary construction of Lusztig's canonical basis PETER TINGLEY	265