

Contents

Preface	ix
Ken Goodearl's contributions to ring theory	xi
Row-finite equivalents exist only for row-countable graphs GENE ABRAMS and KULUMANI M. RANGASWAMY	1
The controller subgroup of one-sided ideals in completed group rings KONSTANTIN ARDAKOV	11
Enumeration of torus-invariant strata with respect to dimension in the big cell of the quantum minuscule Grassmannian of type B_n JASON BELL, KAREL CASTEELS, and STÉPHANE LAUNOIS	27
Primitive algebraic algebras of polynomially bounded growth JASON P. BELL, LANCE W. SMALL, and AGATA SMOKTUNOWICZ	41
Conic bundles and Clifford algebras DANIEL CHAN and COLIN INGALLS	53
Cell modules and canonical basic sets for Hecke algebras from Cherednik algebras MARIA CHLOUVERAKI, IAIN GORDON, and STEPHEN GRIFFETH	77
On representations of Clifford algebras of ternary cubic forms EMRE COSKUN, RAJESH S. KULKARNI, and YUSUF MUSTOPA	91
Certain subgroups of Weyl groups are split DANIEL GOLDSTEIN and ROBERT M. GURALNICK	101
Primitive ideals in quantum SL_3 and GL_3 K. R. GOODEARL and T. H. LENAGAN	115
Irreducible components of module varieties: projective equations and rationality B. HUISGEN-ZIMMERMANN and K. R. GOODEARL	141
Poisson brackets and Poisson spectra in polynomial algebras DAVID A. JORDAN and SEI-QWON OH	169
Hopf action on Calabi-Yau algebras L.-Y. LIU, Q.-S. WU, and C. ZHU	189
Finitely generated, non-artinian monolithic modules IAN M. MUSSON	211

Regular algebras of dimension 4 with 3 generators D. ROGALSKI and J. J. ZHANG	221
Galois invariants of K_1 -groups of Iwasawa algebras DMITRIY IZYCHEV and OTMAR VENJAKOB	243
Strata of prime ideals of De Concini–Kac–Procesi algebras and Poisson geometry MILEN YAKIMOV	265
Twisted deformation quantization of algebraic varieties (Survey) AMNON YEKUTIELI	279