

Contents

Preface	ix
S. Paul Smith's contributions to mathematics	xi
Bibliography	xxi
Ore extensions of commutative rings and the Dixmier-Moeglin equivalence JASON P. BELL, LÉON BURKHARDT, and NICHOLAS PRIEBE	1
Deformations of gentle A_∞ -algebras RAF BOCKLANDT and JASPER VAN DE KREEKE	17
The prime spectrum of the Drinfeld double of the Jordan plane K. A. BROWN and J. T. STAFFORD	51
Modular properties of elliptic algebras ALEX CHIRVASITU, RYO KANDA, and S. PAUL SMITH	73
Spectra of quantum algebras K. R. GOODEARL	95
Introduction to Belavin-Drinfeld Quantum Groups TIMOTHY J. HODGES	111
A survey on Zariski cancellation problems for noncommutative and Poisson algebras HONGDI HUANG, XIN TANG, and XINGTING WANG	125
Log centres of noncommutative crepant resolutions are Kawamata log terminal: Remarks on a paper of Stafford and Van den Bergh COLIN INGALLS and TAKEHIKO YASUDA	143
On the geometry of some algebras related to the Weyl groupoid. IAN M. MUSSON	155
A primer on twists in the noncommutative realm focusing on algebra, representation theory, and geometry PABLO S. OCAL, KENTA UEYAMA, and PADMINI VEERAPEN	179
Artin-Schelter regular algebras DANIEL ROGALSKI	195
Twisting systems and some quantum \mathbb{P}^3 s with point scheme a rank-2 quadric HUNG V. TRAN and MICHAELA VANCLIFF	243

An example of a quadratic AS-regular algebra without any point modules MICHAELA VANCLIFF	255
---	-----