

Contents

Preface	vii
On finite GK-dimensional Nichols algebras of diagonal type NICOLÁS ANDRUSKIEWITSCH, IVÁN ANGIOÑO, and ISTVÁN HECKENBERGER	1
On nonassociative graded-simple algebras over the field of real numbers YURI BAHTURIN and MIKHAIL KOCHETOV	25
Nonsemisimple Hopf algebras of dimension $8p$ with the Chevalley property MARGARET BEATTIE, GASTÓN A GARCÍA, SIU-HUNG NG, and JOLIE ROAT	49
Pointed braided tensor categories COSTEL-GABRIEL BONTEA and DMITRI NIKSHYCH	67
Eigenvalues of the squared antipode in finite dimensional weak Hopf algebras (with an appendix by Gregor Schaumann) PAVEL ETINGOF	95
Cohen-Macaulay invariant subalgebras of Hopf dense Galois extensions JI-WEI HE and YINHUO ZHANG	119
Bialgebra coverings and transfer of structure AARON LAUVE and MITJA MASTNAK	137
Classifying braidings on fusion categories DMITRI NIKSHYCH	155
Remarks on global dimensions of fusion categories (with an appendix by Pavel Etingof and Victor Ostrik) VICTOR OSTRİK	169
On Hopf algebras with triangular decomposition CRISTIAN VAY	181