

Contents

Preface	ix
List of participants	xi
A note on checkable codes over Frobenius and quasi-Frobenius rings R. R. DE ARAUJO, A. L. M. PEREIRA, and C. POLCINO MILIES	1
Good classical and quantum codes from multi-twisted codes NUH AYDIN, THOMAS GUIDOTTI, and PEIHAN LIU	7
Evaluation of iterated Ore polynomials and skew Reed-Muller codes NABIL BENNENNI and ANDRÉ LEROY	23
Identities of the algebra $\mathbb{O} \otimes \mathbb{O}$ GUY BLACHAR, LOUIS H. ROWEN, and UZI VISHNE	35
When Is Every Non Central-Unit A Sum of Two Nilpotents? SIMION BREAZ and YIQIANG ZHOU	47
Asymptotic Brauer p -dimension ADAM CHAPMAN and KELLY MCKINNIE	57
Five theorems on Gorenstein global dimensions LARS WINTHON CHRISTENSEN, SERGIO ESTRADA, and PEDER THOMPSON	67
Quasi-Self-Dual Codes over a Non-Unital Ring of Order 4 STEVEN T. DOUGHERTY and SERAP ŞAHINKAYA	79
Codes from the Skew Ring $M_2(\mathbb{F}_2) \rtimes_{\varphi} G$ S. T. DOUGHERTY, SERAP ŞAHINKAYA, and DENIZ USTUN	89
The underlying vector spaces of certain endomorphism rings GABRIELLA D'ESTE	107
Algebraic structures from the point of view of complete multiplicative lattices ALBERTO FACCHINI	113
$\mathbb{Z}_2\mathbb{Z}_4$ -additive codes as codes over rings CRISTINA FERNÁNDEZ-CÓRDOBA and STEVE SZABO	133
On Utumi rings and continuous regular Baer rings GANGYONG LEE, COSMIN S. ROMAN, NGUYEN KHANH TUNG, and XIAOXIANG ZHANG	151

Matrices representable as product of conjugates of a singular matrix S. K. JAIN and ANDRÉ LEROY	163
Almost Projective Modules Over Non-Hereditary Algebras FATMA KAYNARCA, GABRIELLA D'ESTE, and DERYA KESKIN TÜTÜNCÜ	167
On prime ideals with generalized derivations in rings with involution MOHAMMAD SALAHUDDIN KHAN, ADNAN ABBASI, SHAKIR ALI, and MOHAMMED AYEDH	179
On nil algebras and a problem of Passman concerning nilpotent free algebras JAN KREMPA	197
Rings with transitive chaining of idempotents XAVIER MARY	205
On Continuous Hulls of Rings and Modules JAE KEOL PARK and S. TARIQ RIZVI	213