

DOCUMENTA MATHEMATICA

BAND 12, 2007

BENOÎT COLLINS, JAMES A. MINGO, PIOTR ŚNIADY, ROLAND SPEICHER SECOND ORDER FREENESS AND FLUCTUATIONS OF RANDOM MATRICES III. HIGHER ORDER FREENESS AND FREE CUMULANTS	1–70
MARC LEVINE MOTIVIC TUBULAR NEIGHBORHOODS	71–146
ANDREAS LANGER AND THOMAS ZINK DE RHAM-WITT COHOMOLOGY AND DISPLAYS	147–191
GONÇALO TABUADA ON THE STRUCTURE OF CALABI-YAU CATEGORIES WITH A CLUSTER TILTING SUBCATEGORY	193–213
V. GRITSENKO, K. HULEK AND G. K. SANKARAN THE HIRZEBRUCH-MUMFORD VOLUME FOR THE ORTHOGONAL GROUP AND APPLICATIONS	215–241
JAN NEKOVÁŘ ON THE PARITY OF RANKS OF SELMER GROUPS III	243–274
JEAN FASEL THE CHOW-WITT RING	275–312
CHRISTIAN VOIGT EQUIVARIANT LOCAL CYCLIC HOMOLOGY AND THE EQUIVARIANT CHERN-CONNES CHARACTER	313–359
KIRAN S. KEDLAYA ERRATUM FOR “SLOPE FILTRATIONS REVISITED”	361–362
RICHARD HILL CONSTRUCTION OF EIGENVARIETIES IN SMALL COHOMOLOGICAL DIMENSIONS FOR SEMI-SIMPLE, SIMPLY CONNECTED GROUPS	363–397
LIONEL DORAT G-STRUCTURES ENTIERES ET MODULES DE WACH	399–440
ALEXANDER SCHMIDT RINGS OF INTEGERS OF TYPE $K(\pi, 1)$	441–471
KARIM JOHANNES BECHER, DETLEV W. HOFFMANN ISOTROPY OF QUADRATIC SPACES IN FINITE AND INFINITE DIMENSION	473–504

ESFANDIAR NAVA YAZDANI GENERIC OBSERVABILITY OF DYNAMICAL SYSTEMS	505–520
PIERRE GUILLOT GEOMETRIC METHODS FOR COHOMOLOGICAL INVARIANTS	521–545
IGOR WIGMAN ERRATUM	547–548
INDRANIL BISWAS AND JOHANNES HUISMAN RATIONAL REAL ALGEBRAIC MODELS OF TOPOLOGICAL SURFACES	549–567
ALEXANDER PUSHNITSKI AND GRIGORI ROZENBLUM EIGENVALUE CLUSTERS OF THE LANDAU HAMILTONIAN IN THE EXTERIOR OF A COMPACT DOMAIN	569–586
WILLIAM A. STEIN VISIBILITY OF MORDELL-WEIL GROUPS	587–606
FLORIAN IVORRA RÉALISATION ℓ -ADIQUE DES MOTIFS TRIANGULÉS GÉOMÉTRIQUES I	607–671
DIMITAR P. JETCHEV, WILLIAM A. STEIN VISIBILITY OF THE SHAFAREVICH–TATE GROUP AT HIGHER LEVEL	673–696