

DOCUMENTA MATHEMATICA

BAND 6, 2001

RAYMOND BRUMMELHUIS, NORBERT RÖHRL, HEINZ SIEDENTOP STABILITY OF THE RELATIVISTIC ELECTRON-POSITRON FIELD OF ATOMS IN HARTREE-FOCK APPROXIMATION: HEAVY ELEMENTS	1–9
MATEI TOMA COMPACT MODULI SPACES OF STABLE SHEAVES OVER NON-ALGEBRAIC SURFACES	11–29
JÖRG WINKELMANN HOW FREQUENT ARE DISCRETE CYCLIC SUBGROUPS OF SEMISIMPLE LIE GROUPS?	31–37
MANFRED STREIT AND JÜRGEN WOLFART CYCLIC PROJECTIVE PLANES AND WADA DESSINS	39–68
C. DENINGER ON THE Γ -FACTORS OF MOTIVES II	69–97
R. SKIP GARIBALDI, ANNE QUÉGUINER-MATHIEU, JEAN-PIERRE TIGNOL INVOLUTIONS AND TRACE FORMS ON EXTERIOR POWERS OF A CENTRAL SIMPLE ALGEBRA	99–120
HENNING KRAUSE ON NEEMAN'S WELL GENERATED TRIANGULATED CATEGORIES	121–126
JÉRÔME CHABERT AND SIEGFRIED ECHTERHOFF PERMANENCE PROPERTIES OF THE BAUM-CONNES CONJECTURE	127–183
JAN STEVENS ROLLING FACTORS DEFORMATIONS AND EXTENSIONS OF CANONICAL CURVES	185–226
DANIEL HUYBRECHTS PRODUCTS OF HARMONIC FORMS AND RATIONAL CURVES	227–239
MIKAEL RØRDAM EXTENSIONS OF STABLE C^* -ALGEBRAS	241–246
BROOKS ROBERTS GLOBAL L -PACKETS FOR $GSp(2)$ AND THETA LIFTS	247–314
ANNETTE WERNER COMPACTIFICATION OF THE BRUHAT-TITS BUILDING OF PGL BY LATTICES OF SMALLER RANK	315–341

MICHAEL ANSHELEVICH PARTITION-DEPENDENT STOCHASTIC MEASURES AND q -DEFORMED CUMULANTS	343–384
OLEG H. IZHBOLDIN AND INA KERSTEN EXCELLENT SPECIAL ORTHOGONAL GROUPS	385–412
JÖRG WINKELMANN REALIZING COUNTABLE GROUPS AS AUTOMORPHISM GROUPS OF RIEMANN SURFACES	413–417
RUTGER NOOT LIFTING GALOIS REPRESENTATIONS, AND A CONJECTURE OF FONTAINE AND MAZUR	419–445
P. SCHNEIDER, J. TEITELBAUM p -ADIC FOURIER THEORY	447–481
AMNON NEEMAN ON THE DERIVED CATEGORY OF SHEAVES ON A MANIFOLD	483–488
GRÉGORY BERHUY, DAVID B. LEEP DIVISIBLE SUBGROUPS OF BRAUER GROUPS AND TRACE FORMS OF CENTRAL SIMPLE ALGEBRAS	489–500
D. BURNS AND M. FLACH TAMAGAWA NUMBERS FOR MOTIVES WITH (NON-COMMUTATIVE) COEFFICIENTS	501–570
JÜRGEN HAUSEN A GENERALIZATION OF MUMFORD'S GEOMETRIC INVARIANT THEORY	571–592