

DOCUMENTA MATHEMATICA
EXTRA VOLUME
QUADRATIC FORMS AND RELATED TOPICS, LSU, BATON ROUGE, 2001

PREFACE	1
LIST OF TALKS	3
LIST OF PARTICIPANTS	7
JÓN KR. ARASON WITT GROUPS OF PROJECTIVE LINE BUNDLES	11–48
RICARDO BAEZA SOME ALGEBRAIC ASPECTS OF QUADRATIC FORMS OVER FIELDS OF CHARACTERISTIC TWO	49–63
KARIM JOHANNES BECHER ON THE NUMBER OF SQUARE CLASSES OF A FIELD OF FINITE LEVEL	65–84
V. CHERNOUSOV, V. GULETSKIĬ 2-TORSION OF THE BRAUER GROUP OF AN ELLIPTIC CURVE: GENERATORS AND RELATIONS	85–120
A. DRESS, K. T. HUBER, V. MOULTON METRIC SPACES IN PURE AND APPLIED MATHEMATICS	121–139
ROBERT W. FITZGERALD ISOTROPY AND FACTORIZATION IN REDUCED WITT RINGS	141–163
ALEXANDER HAHN THE ZASSENHAUS DECOMPOSITION FOR THE ORTHOGONAL GROUP: PROPERTIES AND APPLICATIONS	165–181
DETLEV W. HOFFMANN DIMENSIONS OF ANISOTROPIC INDEFINITE QUADRATIC FORMS, I	183–200
MAX-ALBERT KNUS AND OLIVER VILLA QUADRATIC QUATERNION FORMS, INVOLUTIONS AND TRIALITY	201–218
AHMED LAGRIBI CERTAINES COMBINAISONS LINÉAIRES DE DEUX FORMES DE PFISTER ET LE PROBLÈME D'ISOTROPIE	219–240
DAVID W. LEWIS, CLAUS SCHEIDERER, THOMAS UNGER A WEAK HASSE PRINCIPLE FOR CENTRAL SIMPLE ALGEBRAS WITH AN INVOLUTION	241–251