

A COLLECTION OF MANUSCRIPTS WRITTEN IN HONOUR
OF ALEXANDER S. MERKURJEV'S SIXTIETH BIRTHDAY

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This volume is dedicated to Professor Alexander S. Merkurjev, one of the worlds leading algebraists, in recognition of his fundamental contributions to algebraic K-theory, quadratic forms, Galois cohomology, algebraic groups, essential dimension, aspects of arithmetic and algebraic geometry.

23 papers in the volume advance topics in local commutative algebra, homogeneous varieties, homology classes for varieties over finite fields, birational geometry, coordinates in polynomial rings over algebraically closed fields, hermitian lattices, bundles over surfaces, characteristic classes, semisimple groups, cohomological invariants, algebras with involution, algebraic K-theory, oriented cohomology of flag varieties, cycles on algebraic varieties, mixed motives, motivic stable homotopy, p-adic arithmetic geometry, quadratic forms, algebraic groups, essential dimension theory.

The material will be of interest to researchers in these and neighboring fields.

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Readership: Graduate students and research mathematicians interested in algebra, algebraic geometry and number theory.

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