

TOPICS IN ALGEBRA

Part 2

COMMUTATIVE RINGS AND ALGEBRAIC GROUPS

Editors of the Volume

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PREFACE

The 31st Semester “Classical Algebraic Structures” was held at the Stefan Banach International Mathematical Center in Warsaw from February 15 to June 15, 1988 and consisted of four sessions: The Theory of Rings (February 15–March 29), Representations of Finite-Dimensional Algebras and Related Topics (April 18–May 13), Commutative Algebra and Algebraic Geometry (April 5–16), Algebraic Groups, Their Combinatorics and Representations (May 15–June 15). The sessions were directed by Jan Krempa, Daniel Simson, Wolfgang Vogel, and Tadeusz Józefiak respectively, and Stanisław Balcerzyk served as chairman of the Organizing Committee.

There were 244 participants of the Semester and 290 lectures were given by 139 lecturers. This part contains some papers that were contributed to the third and fourth sessions of the Semester. The papers were accepted in final form by the editors before September 30, 1988 and are devoted mainly to intersection theory, enumerative geometry, vector bundles, local algebra, Cohen–Macaulay modules, classical groups and related finite groups (especially symmetric groups), invariant theory.

Papers contributed to the first and second sessions are published in part 1 of this volume, entitled “Topics in Algebra. Rings and Representations of Algebras”.

September, 1988

Editors

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