

Contents

Introduction	ix
Speakers and titles of talks	xi
Extending Steinberg characters WALTER FEIT	1
A comparison of bases of quantized enveloping algebras I. GROJNOWSKI AND G. LUSZTIG	11
Transitive permutation lattices in the same genus and embeddings of groups ROBERT M. GURALNICK AND AL WEISS	21
Varieties of unseparated flags WILLIAM HABOUSH AND NIELS LAURITZEN	35
Bases for Demazure modules for symmetrizable Kac-Moody algebras V. LAKSHMIBAI	59
Representations of quantum affine Lie algebras and crystal bases KAILASH C. MISRA	79
The first Betti number of arithmetic groups and the congruence subgroup problem M. S. RAGHUNATHAN AND T. N. VENKATARAMANA	95
Combinatorics and geometry of K -orbits on the flag manifold R. W. RICHARDSON AND T. A. SPRINGER	109
On extraspecial parabolic subgroups GERHARD E. RÖHRLE	143
Bounds for dimensions of weight spaces of maximal tori GARY M. SEITZ	157
Vector bundles on curves C. S. SESHADRI	163