

CONTENTS

Susumu ARIKI — Robinson-Schensted Correspondence and Left Cells	1
Georgia BENKART and Seok-Jin KANG — Crystal Bases for Quantum Superalgebras	21
Francesco BRENTI — Approximation Results for Kazhdan-Lusztig Polynomials	55
Mihai CIUCU and Christian KRATTENTHALER — Plane Partitions II: $5\frac{1}{2}$ Symmetry Classes	81
Akihiko GYOJA, Kyo NISHIYAMA and Kenji TANIGUCHI — Invariants for Representations of Weyl Groups, Two-sided Cells, and Modular Representations of Iwahori-Hecke Algebras	103
Goro HATAYAMA, Yoshiyuki KOGA, Atsuo KUNIBA, Masato OKADO and Taichiro TAKAGI — Finite Crystals and Paths	113
Masao ISHIKAWA and Masato WAKAYAMA — Minor Summation Formulas of Pfaffians, Survey and a New Identity	133
Alexander KIRILLOV, JR. and Alain LASCoux — Factorization of Kazhdan-Lusztig Elements for Grassmanians	143
Bernard LECLERC and Jean-Yves THIBON — Littlewood-Richardson Coefficients and Kazhdan-Lusztig Polynomials	155
Alexander I. MOLEV — A Weight Basis for Representations of Even Orthogonal Lie Algebras	221
Tatsuhiko NAKAJIMA and Hiro-Fumi YAMADA — Schur's Q -functions and Twisted Affine Lie Algebras	241
Maxim NAZAROV — Capelli Elements in the Classical Universal Enveloping Algebras	261
Yuval ROICHMAN — On Permutation Statistics and Hecke Algebra Characters	287
Anne SCHILLING and Mark SHIMOZONO — Bosonic Formula for Level-restricted Paths	305
Toshiaki SHOJI — Length Functions for $G(r, p, n)$	327

Takeshi SUZUKI — Representations of Degenerate Affine Hecke Algebra and \mathfrak{gl}_n	343
Hiroyuki TAGAWA — A Recursion Formula of the Weighted Parabolic Kazhdan-Lusztig Polynomials	373
Yasuhiko YAMADA — Special Polynomials and Generalized Painlevé Equations	391
Manabu YAMAGUCHI — A Duality of a Twisted Group Algebra of the Hyperoctahedral Group and the Queer Lie Superalgebra	401