Contents

Preface

Mark HAIMAN Vanishing Theorems and Character Formulas for the Hilbert Scheme of Points in the Plane	1
Kazuhiro HIKAMI Exclusion Statistics and Chiral Partition Function	22
Jyoichi KANEKO For rester's Constant Term Conjecture and its q –analogue	49
Rinat KASHAEV On the Spectrum of Dehn Twists in Quantum Teichmüller Theory	63
Anatol KIRILLOV Introduction to Tropical Combinatorics	82
Anatol KIRILLOV and Nadejda LISKOVA Bethe's States for Generalized XXX and XXZ models	151
Alain LASCOUX Transition on Grothendieck Polynomials	164
Jun NAKAGAMI, Masatoshi NOUMI, Miki SHIRAKAWA and Yasuhiko YAMADA Tableau Representation for Macdonald's Nineth Variation of Schur Functions	180
Hiraku NAKAJIMA t-analogue of the q -characters of Finite Dimensional Rep- resentations of Quantum Affine Algebras	196
Michimoto NISHIZAWA Generalized Hölder's Theorem for Multiple Gamma Func- tion	220

cont00: submitted to World Scientific on May 10, 2001

1

Ryu SASAKI Quantum Calogero-Moser Models: Complete Integrability for All the Root Systems	233
Toshiaki SHOJI Green Functions Assosiated to Complex Reflection Groups $G(e,1,n)$	281
Minoru TAKAHASHI Simplification of Thermodynamic Bethe–Ansatz Equa- tions	299
Yasuhiko YAMADA A Birational Representation of Weyl group, Combinatorial <i>R</i> -matrix and Discrete Toda Equation	305

cont00: submitted to World Scientific on May 10, 2001