

1. Record Nr.	UNINA9910480212803321
Titolo	Recent developments in quantum affine algebras and related topics : representations of affine and quantum affine algebras and their applications, North Carolina State University, May 21-24, 1998 // Naihuan Jing, Kailash C. Misra, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , [1999] ©1999
ISBN	0-8218-7838-7
Descrizione fisica	1 online resource (482 p.)
Collana	Contemporary mathematics, , 0271-4132 ; ; 248
Disciplina	512/.55
Soggetti	Representations of Lie algebras Affine algebraic groups Representations of quantum groups Representations of algebras Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""The polynomial behavior of weight multiplicities for classical simple Lie algebras and classical affine Kac-Moody algebras""; ""A note on embeddings of some Lie algebras defined by matrices""; ""Principal realization for the extended affine Lie algebra of type sl2 with coordinates in a simple quantum torus with two generators""; ""Monomial bases of quantized enveloping algebras""; ""Quantized W-algebra of sl(2, 1): A construction from the quantization of screening operators""; ""Affine algebras and non-perturbative symmetries in superstring theory"" ""Automorphism groups and twisted modules for lattice vertex operator algebras""""Truncated meanders""; ""The q-characters of representations of quantum affine algebras and deformations of W-algebras""; ""Melzer's identities revisited""; ""Automorphisms of lattice type vertex operator algebras and variations, a survey""; ""Remarks on fermionic formula""; ""q-vertex operators for quantum affine algebras""; ""Homology of certain truncated Lie algebras""; ""Vertex operator

algebras and the zeta function"; "On \mathbb{Z} -graded associative algebras and their \mathbb{N} -graded modules"

"An A-form technique of quantum deformations"; "Determinant formula for the solutions of the quantum Knizhnik-Zamolodchikov equation with $|q| = 1$ "; "Functorial properties of the hypergeometric map"; "Polyhedral realizations of crystal bases and braid-type isomorphisms"; "Meromorphic tensor categories, quantum affine and chiral algebras I"; "Dual pairs and infinite dimensional Lie algebras"
