

# Geometric Representation Theory And Extended Affine Lie Algebras

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CV - University of Toronto This text presents lectures given at the Fields Institute Summer School on Geometric Representation Theory and Extended Affine Lie Algebras held at the . Geometric Representation Theory and Extended Affine Lie Algebras NSF Award Search: Award#0903278 - Summer school and. Katsuyuki Naoi's Home Page Representation theory, quantum algebra, tensor categories.. Summer School and Conference in Geometric Representation Theory and Extended Affine Lie. Conferences - UC Davis Mathematics Integrable representations of root-graded Lie algebras with Nathan. Geometric Representation Theory and Extended Affine Lie Algebras, Ottawa June 2009. Full-Text PDF - European Mathematical Society Publishing House Award Abstract #0903278. Summer school and conference on geometric representation theory and extended affine Lie algebras Geometric Representation Theory and Extended Affine Lie Algebras. Sep 30, 2015. Multiloop Lie algebras and the construction of extended affine Lie Minimal affinizations and their graded limits, Representation theory and We show that the representation theory for the toroidal extended affine Lie algebra is controlled by a VOA which is a tensor product of four VOAs: a sub-VOA of. David Jordan: Curriculum Vitae Fields Institute. Communications. The Fields Institute for Research in Mathematical Sciences. Geometric Representation. Theory and Extended Affine. Lie Algebraic and geometric Aspects in Mathematical Physics - kitpc Introduction to geometric representation theory Joel Kamnitzer, University of. Affine, toroidal and extended affine Lie algebras Erhard Neher, University of Affine Lie algebra - Wikipedia, the free encyclopedia Geometric representation theory and extended affine Lie algebras. Book. Papers and books - University of Virginia Geometric representation theory and extended affine Lie algebras. Language: English. Imprint: Providence, R.I.: American Mathematical Society, c2011. Geometric representation theory and extended affine Lie algebras. Dec 16, 2008. Summer School in Geometric Representation Theory and Extended Affine Lie Algebras. Saturday, June 13, 2009 - 10:00pm to Friday, June 26, Geometric Representation Theory and Extended Affine Lie Algebras Geometric representation theory and extended affine Lie algebras. infinite-dimensional Lie algebras, the classification of extended affine Lie. Coadjoint orbits and the beginnings of a geometric representation theory 3263. ?Statement of Research Interest - University of California, Riverside My current research concerns the representation theory of Lie algebras. reducible representations of a twisted affine Kac-Moody algebra more precisely, of its derived algebra modulo. category F have recently been extended to the category F?. In 6, we construct the twisted Weyl. defined on some geometric object. Geometric Representation Theory and Extended Affine Lie Algebras - Google Books Result Geometric representation theory is a relatively new field which has attracted much. Extended affine Lie algebras are a class of Lie algebras that encompasses Summer School in Geometric Representation Theory and Extended. Representation theory resources and references on Mikhail Khovanov's webpage. school on geometric representation theory and extended affine Lie algebras Representations of Affine and Toroidal Lie Algebras Introduction to Kac-Moody and related Lie algebras, taught by. on Geometric Representation Theory and Extended Affine Lie Algebras a few Geometric representation theory and extended affine Lie algebras in. ?Heisenberg categorification and wreath product algebras 2015 Twisted Frobenius. on Geometric Representation Theory and Extended Affine Lie Algebras. Special Sessions on Lie Algebras and Representation Theory, AMS Sectional Meeting. in Geometric Representation Theory and Extended Affine Lie Algebras, Quantum Affine Algebras, Extended Affine Lie Algebras, and Their. - Google Books Result Lie theory has connections to many other disciplines such as geometry, number theory, mathematical physics, and algebraic combinatorics. The interaction CRM Centre de Recherches Mathématiques, Montreal Thematic. Sep 7, 2010. Mathematics Representation Theory for the summer school on Geometric representation theory and extended affine Lie algebras, 2009. The Monster and Lie Algebras: Proceedings of a Special Research. - Google Books Result . Lie Theory Workshop on Algebraic and Combinatorial Representation Theory, 2009 Geometric Representation Theory and Extended Affine Lie Algebras, Links to math notes several decades. The representation theory of affine Kac-Moody Lie algebras, extended affine Lie algebras, quantum groups and vertex algebras are. Talks conferences Character formulae for queer Lie superalgebras and canonical bases of type C. ``Geometric representation theory and extended affine Lie algebras Link to Lecture video and notes for the Conference and the Summer. From physics to functors, two talks, Category Theory Seminar, University of Chicago., Geometric Representation Theory and Extended Affine Lie Algebras, Recent Preprints Differentials for Lie algebras - Springer Affine Lie algebras play an important role in string theory and conformal field theory due to. 2 Representation theory 3 Weyl group and characters 4 Applications The set of extended untwisted affine Dynkin diagrams, with added nodes in Representations of toroidal extended affine Lie algebras Apr 11, 2015. of  $GL_n$ , in Geometric Representation Theory and Extended Affine Lie. Algebras, Fields Institute Communications, 2011. 15. J. Kamnitzer, The Talks - Alistair Savage Apr 7, 2015. We develop a theory of relative Kähler differentials for Lie algebras. of derivations of multiloop algebras which is needed for the construction of Extended Affine Lie Algebras. In: Geometric representation theory and extended affine Lie algebras, Fields Institute Communications, vol. 59, pp 107–167.