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Research interest: Vertex operator algebras; infinite-dimensional Lie algebras

Recent publications:

[1] D. Adamović, O. Perše, *Representations of certain non-rational vertex operator algebras of affine type*, J. Algebra 319 (2008), 2434-2450.
[2] O. Perše, *Vertex operator algebras associated to certain admissible modules for affine Lie algebras of type A*, Glas. Mat. Ser. III 43 (2008), 41-57.
[3] O. Perše, *Embeddings of vertex operator algebras associated orthogonal affine Lie algebras*, Comm. Algebra 38 (2010), 1761-1778.
[4] D. Adamović, O. Perše, *On coset vertex algebras with central charge 1*, Math. Commun. 15 (2010), 143-157.
[5] D. Adamović, O. Perše, *Some general results on conformal embeddings of affine vertex operator algebras*, to appear in Algebr. Represent. Theory.

Selected publications:

[1] O. Perše, *Vertex operator algebras associated to type B affine Lie algebras on admissible half-integer levels*, **J. Algebra 307** (2007), 215-248.
[2] O. Perše, *Vertex operator algebra analogue of embedding of B_4 into F_4*, **J. Pure Appl. Algebra 211** (2007), 702-720.
[3] D. Adamović, O. Perše, *Representations of certain non-rational vertex operator algebras of affine type*, J. Algebra 319 (2008), 2434-2450.
[4]   O. Perše, *Embeddings of vertex operator algebras associated orthogonal affine Lie algebras*, Comm. Algebra 38 (2010), 1761-1778.
[5] D. Adamović, O. Perše, *Some general results on conformal embeddings of affine vertex operator algebras*, to appear in Algebr. Represent. Theory.