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Corina Calinescu* (ccalinescu@citytech.cuny.edu), **Antun Milas** and **Michael Penn**.

Principal subspaces of basic $A_{2n}^{(2)}$ -modules.

The principal subspaces of standard modules for untwisted affine Lie algebras were introduced by Feign and Stoyanovsky, and have been further studied by several authors from different standpoints. By using the theory of vertex algebras we study the algebraic and combinatorial properties of the principal subspace of the basic module for the twisted affine Lie algebra associated to A_{2n} . This is joint work with Antun Milas and Michael Penn. (Received February 01, 2016)