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Corina Calinescu, Antun Milas and Michael Penn* (michael.penn@coloradocollege.edu),
Colorado College, Dept. of Mathematics and Computer Science, 14 East Cache La Poudre St.,
Colorado Springs, CO 80903, and **Christopher Sadowski**. *Twisted Modules of affine Lie
Algebras, Vertex Algebras, and Modular q -series.*

The vertex algebraic structure of principal subspaces of standard modules for affine Kac-Moody Lie algebras has been the source of much study in recent years. In the case of an untwisted Lie algebra of type A , D , or E and in the case of a twisted Lie algebra of type A_{2n} the characters of these modules are given by certain Nahm sums. Modularity has been proven in several subcases. In this talk, we explore the construction of characters via a system of q -difference equations. We finish by highlighting the difference in the characters which are Nahm sums and all other twisted cases. (Received September 21, 2015)