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Jorg Feldvoss* (jfeldvoss@jaguar1.usouthal.edu), Department of Mathematics and Statistics, University of South Alabama, Mobile, AL 36688. *The Auslander-Reiten Quiver of Finite Quantum Groups*. Preliminary report.

In this talk we will use the finite generation of cohomology to prove an analogue of Webb's theorem (i.e., the tree class of any component of the stable Auslander-Reiten quiver is a finite or infinite Dynkin diagram or a Euclidean diagram) for certain finite quantum groups. We will also discuss what should be expected for more general finite-dimensional Hopf or quasi-Frobenius algebras. (Received February 01, 2008)