

1114-18-292

**Kosmas Diveris\*** (diveris@stolaf.edu), **Marju Purin** and **Peter Webb**. *On the structure of the Auslander-Reiten quiver of a triangulated category.*

We show that if a connected, Hom-finite, Krull-Schmidt triangulated category has an Auslander-Reiten quiver component with Dynkin tree class then the category has Auslander-Reiten triangles and that component is the entire quiver. This is an analogue for triangulated categories of a theorem of Auslander, and extends a previous result of Scherotzke. (Received August 31, 2015)