

1131-16-49

Jason Gaddis* (gaddisj@miamioh.edu) and **Daniel Rogalski**. *Quivers supporting graded Calabi-Yau algebras.*

A graded Calabi-Yau algebra of global dimension 3 is necessarily the path algebra of a quiver modulo relations determined by a superpotential on the quiver. In this talk, I will present a classification of quivers that support such algebras under the additional hypothesis that the algebras have finite GK dimension. (Received June 24, 2017)