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**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 with two or three vertices that support such algebras under the additional hypothesis that the algebras have finite GK dimension. (Received September 09, 2017)