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Augustine O’Keefe* (abok222@uky.edu) and **Uwe Nagel**. *Invariants of Riemann-Roch monomial ideals*. Preliminary report.

In a recent paper Manjunath and Sturmfels define a special class of artinian monomial ideals for which a Riemann-Roch type formula holds. In this talk we will discuss algebraic invariants of these monomial ideals arising from its minimal free resolution. (Received December 04, 2012)