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**Liana M Segal\*** ([segal@umkc.edu](mailto:segal@umkc.edu)). *Cohomology over certain generic quadratic algebras*. Preliminary report.

We will consider quadratic standard graded algebras with a certain fixed Hilbert series, which are generic (in the sense that the coefficients of the defining quadrics are in the nonvanishing set of a certain polynomial). We study several homological aspects such as Koszulness, the structure of the Ext algebra, and we prove that all finitely generated modules over such rings have rational Poincaré series. (Received February 07, 2006)