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**Liana M Segal\*** ([segal@umkc.edu](mailto:segal@umkc.edu)) and **Ines Henriques**. *Free resolutions over small Gorenstein rings.*

We show that generic Gorenstein algebras  $R$  of socle degree 4 have a remarkable property: every finitely generated  $R$ -module has a syzygy which is Koszul, that is, the associated graded module (with respect to the maximal ideal) has a linear resolution. In particular, every finitely generated  $R$ -module has a rational Poincaré series. (Received August 25, 2009)