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Claudia Miller* (clamille@syr.edu) and **Hamidreza Rahmati**. *Free resolutions of Artinian compressed algebras.*

We construct free resolutions of generic (more precisely, compressed) Artinian graded algebra quotients of polynomial rings and give a method to reduce them to a minimal resolutions. This yields results on the form of the resolution and the degrees of the forms in the matrices of the differentials, but not precise Betti numbers. If time permits, we treat the noncompressed case and mention work in progress. (Received February 20, 2018)