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Ian M Aberbach* (aberbachi@missouri.edu), Department of Mathematics, University of Missouri, Columbia, MO 65211, and **Aline Hosry** and **Janet Striuli**. *Uniform Artin-Rees results for resolutions*. Preliminary report.

Let (R, m) be a local Noetherian ring. Huneke and Eisenbud raised the question of if, given a finitely generated module M , there exists a uniform Artin-Rees number, i.e., if there exists a $t > 0$ such that for all ideals I and all syzygies of M , $N \subseteq F$ (where F is free), we have $I^n F \cap N \subseteq I^{n-t} N$. They proved some cases where this occurs, and Striuli proved the result when R has dimension one or two. We will outline here how a much more general result holds in general. (Received August 09, 2013)