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**Oeyvind Solberg\*** (oyvinso@math.ntnu.no), Institutt for matematiske fag, NTNU, N-7491  
Trondheim Trondheim, Norway. *Modules with bounded Betti numbers*. Preliminary report.

D. Eisenbud has recently shown that a finitely generated module over an exterior algebra with bounded Betti numbers is  $\Omega$ -periodic of period at most 2. We generalize this result using support varieties for finite dimensional selfinjective algebras. This talk is based on joint work with K. Erdmann, M. Holloway, N. Snashall and R. Taillefer. (Received January 04, 2004)