

THE HOMOLOGY OF HEISENBERG LIE ALGEBRAS OVER FIELDS OF
CHARACTERISTIC TWO

By EMIL SKÖLDBERG*

Department of Mathematics, National University of Ireland, Galway

[Received 21 October 2004. Read 16 May 2005. Published 21 July 2005.]

ABSTRACT

The generating function of the Betti numbers of the Heisenberg Lie algebra over a field of characteristic 2 is calculated using discrete Morse theory.