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H E A Eddy Campbell* (eddy@mun.ca), Arts & Administration, Memorial University, St John's, NL A1C 5S7, Canada, and **R J Shank**, and **D L Wehlau**. *Modular Invariants of Cyclic 2-groups*.

We consider the problem of determining a set of generators for the invariant ring of any representation of the cyclic group C_{2^m} in characteristic 2. We use the method of ladders described by Shank and Wehlau in their paper "Computing modular invariants of p -groups", J Symbolic Comput. 34 (2002), 307–327. (Received September 20, 2006)