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Ben L. Cox\* (coxbl@cofc.edu), Math Department, College of Charleston, Robert Scott Small Bld, 175 Calhoun Street, Charleston, SC 29401, and Samuel J. Buelk and Elizabeth G. Jurisich. A boson type realization of toroidal sl(n). Preliminary report.

We will give a preliminary report on our joint work with Samuel Buelk and Elizabeth Jurisich regarding a boson type realization of toroidal sl(n). This realization should give us structural information about imaginary Verma modules in the toroidal Lie algebra setting. (Received January 09, 2007)