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Lisa M Lackney* (lm119@uakron.edu), Department of Theoretical and Applied Math, College of Arts and Sciences, The University of Akron, Akron, OH 44325, and **Rebecca Black** (rblack1@swarthmore.edu). *Automorphisms and Lattices of the Heisenberg Group*. Preliminary report.

We classify automorphisms on the $2n+1$ dimensional Heisenberg group and develop a classification system of lattices in the three dimensional case. (Received July 31, 2006)