1009-37-197 **Sarah E Bailey*** (sebailey@email.unc.edu), Department of Mathematics, University of North Carolina CB#3250, Chapel Hill, NC 27599-3250. *Dimension Groups for a family of non-simple Adic Transformantions.* Preliminary report.

We discuss a special family of Bratteli-Vershik systems (adic systems) for which the number of vertices increases at a constant rate and vertices are connected in a predictable way. In this case the transformation is not continuous but we compute the dimension group of this family to be order isomorphic to the continuous functions modulo the continuous coboundaries. In addition we compute the dimension group explicitly for a subfamily. (Received August 16, 2005)