1024-37-119   **Anne E McCarthy***, Temple University, Department of Mathematics, 1805 N. Broad St, Philadelphia, PA 19122. *Actions of Abelian-by-Cyclic Groups generated by Diffeomorphisms Close to the Identity.* Preliminary report.

Using methods of dynamical systems, we demonstrate a large collection of discrete, solvable groups that do not admit faithful actions via diffeomorphisms close to the identity. (Received January 04, 2007)