1047-57-30 **Joseph Maher*** (maher@math.okstate.edu), 401 Mathematical Sciences, Stillwater, OK 74074.

Asymptotics for pseudo-Anosovs in the Teichmüller lattice.

Given a point in Teichmüller space, we call the orbit of the point under the mapping class group a Teichmüller lattice. We show that the asymptotic growth rate of the number of pseudo-Anosov lattice points in a ball of radius r is the same as the asymptotic growth rate of the total number of lattice points in the ball of radius r. (Received December 07, 2008)