1060-57-38 **Joseph Maher*** (joseph.maher@csi.cuny.edu), Department of Mathematics 1S-215, 2800 Victory Boulevard, Staten Island, NY 11201. *Asymptotics for pseudo-Anosov's in Teichmuller lattices.*

A Teichmüller lattice is the orbit of a point in Teichmüller space under the action of the mapping class group. We use work of Athreya, Bufetov, Eskin and Mirzakhani to show that the asymptotic growth rates of lattice points corresponding to pseudo-Anosov elements, is the same as the growth rate of the total number of lattice points. (Received March 06, 2010)