

## **Measure classification and orbit closures on products of moduli spaces**

*Alex Eskin*

Abstract: We prove the same rigidity theorems for the diagonal  $SL(2, \mathbb{R})$  action on products of moduli spaces that were previously proved for the action on a single moduli space. A major part of the proof is derived from a more general theorem in smooth dynamics. I will state that theorem, and indicate how to apply it to the moduli space setting.