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Caglar Uyanik* (caglar.uyanik@yale.edu). *Exceptional Directions for the Teichmüller Geodesic Flow.*

Given a translation surface there is a circle of directions in which one might apply Teichmüller geodesic flow. We prove that the Hausdorff dimension of the directions in which Teichmüller geodesics diverge on average in a stratum is bounded above by $1/2$, strengthening a classical result due to Masur.

This is joint work with Al-Saqban, Apisa, Erchenko, Khalil and Mirzadeh. (Received August 28, 2019)