

# Strata of random mapping class group elements

Joseph Maher\*

[joseph.maher@csi.cuny.edu](mailto:joseph.maher@csi.cuny.edu)

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A random walk on the mapping class group of a surface gives a pseudo-Anosov element with a probability that tends to one as the length of the walk tends to infinity. We show that the probability that such a pseudo-Anosov element has an invariant axis which lies in the top dimensional strata also tends to one, and in particular the stable and unstable foliations have generic trivalent singularities.

*This is a joint work with Vaibhav Gadre.*

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\*Department of Mathematics, College of Staten Island, CUNY, 2800 Victory Boulevard, Staten Island, NY NY 10314, USA