

1106-AA-2384 **Scott Sutherland*** (scott@math.sunysb.edu), Department of Mathematics, Stony Brook University, Stony Brook, NY 11794. *On the measure of the Feigenbaum Julia set*. Preliminary report.

We discuss a computer-assisted proof that the Julia set of the limit of period-doubling renormalization in the quadratic family (ie, the Feigenbaum-Coulet-Tresser fixed point) has zero measure.

This is joint work with Artem Dudko. (Received September 16, 2014)