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Scott Sutherland* (scott@math.stonybrook.edu), Stony Brook University, Stony Brook, NY ,
and **Artem Dudko**. *On the Measure of the Feigenbaum Julia Set*. Preliminary report.

We discuss a computer-assisted proof that the Julia set of the Feigenbaum map

$$z \mapsto z^2 - 1.4011551890 \dots ,$$

which is the limit of period-doubling renormalization in the quadratic family, has zero measure. (Received August 25, 2015)