1057-42-359 **Matthew R Bond*** (bondmatt@msu.edu), 500 W Lake Lansing Rd D26, East Lansing, MI 48823, and **Alexander Volberg** (volberg@math.msu.edu). *Buffon's needle lands in an ϵ-neighborhood of a 1-Dimensional Sierpinski Gasket with probability at most* $|\log \epsilon|^{-c}$.

In recent years, relatively sharp quantitative results in the spirit of the Besicovitch projection theorem have been obtained for self-similar sets by studying the L^p norms of the "projection multiplicity" functions, f_θ, where $f_\theta(x)$ is the number of connected components of the partial fractal set that orthogonally project in the θ direction to cover x. In arXiv:0801.2942 [Nazarov, Peres, and the 2nd author], it was shown that n-th partial 4-corner Cantor set with self-similar scaling factor 1/4 decays in Favard length at least as fast as $\frac{C}{n^p}$, for $p < 1/6$. In arXiv:math.0911.0233, we proved the same estimate for the 1-dimensional Sierpinski gasket for some $p > 0$. A few observations were needed to adapt the approach of arXiv:0801.2942 to the gasket: we sketch them here. We also formulate a result about all self-similar sets of dimension 1. (Received January 25, 2010)