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Title: A good elliptic operator for the elliptic measure on the Garnett-Ivanov Cantor set

Abstract: Joint with S. Mayboroda. We will discuss a counterexample on the 4 corners one-dimensional Cantor set in the plane. The point is to arrange the corresponding elliptic measure to be comparable to the Hausdorff measure. In fact we construct the Green function with pole at infinity, so that it is equivalent to the distance to the Cantor set. We'll try explain a little why we care.