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**Dylan Airey** and **Bill Mance\***, mance@unt.edu. *Some fractals associated with unexpected distribution phenomenon resulting from Cantor series expansions.*

We will compute the Hausdorff dimension of a large class of fractals that arise naturally from Cantor series expansions. As a result, we will generalize many preexisting results including H. G. Eggleston's theorem on the Hausdorff dimension of sets of nonnormal numbers. (Received February 09, 2014)