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Andrea Arauza Rivera* (andrea.arauzarivera@csueastbay.edu), 25800 Carlos Bee Blvd, SF 547, Hayward, CA 94542. *An exposition of spectral triples in fractal geometry.*

In this expository talk we will examine the use of spectral triples to describe the geometry of sets like the Sierpinski gasket, the stretched Sierpinski gasket, nested fractals, and fractals in \mathbb{R} . We will also explore the connections between the use of spectral triples and analysis on fractals. (Received January 28, 2019)