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**Adam D Richardson\*** ([adam.richardson@email.ucr.edu](mailto:adam.richardson@email.ucr.edu)), 900 University Ave., 216 Skye Hall, Riverside, CA 92521. *A Relative Fractal Drum for Space-Filling Curves.*

This talk provides an overview of a relative fractal drum (RFD) that can be used to determine the complex dimensions of a class of space-filling curves and properly classify them as fractals. A very quick intro to the theory of complex dimensions and their connection to fractals will be given, followed by an application of the RFD to a Hilbert curve, a Peano curve, and a non-example of an accordion “curve”. (Received March 09, 2021)