

1120-37-204

Elizabeth Sattler* (elizabeth.sattler.1@ndsu.edu). *Self-similar measures supported on a subfractal induced by a subshift of finite type*. Preliminary report.

In this talk, we will examine the construction of a self-similar, invariant measure that is supported on a subfractal induced by a subshift of finite type on the underlying symbolic space. We will also discuss a method for calculating the Hausdorff dimension of such a measure. (Received February 22, 2016)