

1100-37-301

Volodymyr Nekrashevych* (nekrash@math.tamu.edu), 2407 Newark cir, College Station, TX 77845. *Metric and measure on hyperbolic groupoids*. Preliminary report.

We will define canonical classes of measures and metric on the unit spaces of hyperbolic groupoids. Connections with classical constructions of harmonic and Patterson-Sullivan measures will be discussed. Some approaches to "quantized calculus" on fractals related to hyperbolic groupoids will be described. (Received February 10, 2014)