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Marshall Williams* (mcwill@uic.edu). *Geometric and analytic quasiconformality in metric measure spaces.*

In this talk, we will discuss the equivalence between the analytic definition and a one-sided geometric definition of quasiconformality for homeomorphisms between metric measure spaces. Our results partially generalized what is already known for two extreme cases, where the domain has either many rectifiable curves (the Loewner condition) or no rectifiable curves (the trivial case). (Received January 26, 2010)