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David M Freeman* (freemadd@mail.uc.edu), University of Cincinnati, Raymond Walters College, 9555 Plainfield Rd, Cincinnati, OH 45236. *Metric inversions of bilipschitz homogeneous Jordan curves*. Preliminary report.

Suppose a Jordan curve has the property that both the curve and its image under a metric inversion are bilipschitz homogeneous. We demonstrate that such a curve is bounded turning. This allows us to apply previous results to conclude that such a curve (when doubling) is also Ahlfors Q -regular for some $1 \leq Q < +\infty$. (Received August 03, 2010)