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**Anna B Lenzhen\*** (alenzhen@umich.edu) and **Rafi Kasra**. *Quasi-convexity of balls in Teichmueller space.*

We show that extremal length along a Teichmueller geodesic is a quasi-convex function of time. We conclude that a ball in Teichmueller space is quasi-convex. (Received February 02, 2009)