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James T Gill* (jimgill179@gmail.com), Department of Mathematics, University of Washington, Seattle, WA 98195. *Some sufficient conditions for obtaining bi-Lipschitz quasiconformal maps.*

Recently a paper by Mateu, Orobitig and Verdera has shown a sufficient condition on the complex dilatation for a quasiconformal map to be bi-Lipschitz. We show a slightly shorter proof of this result, and also discuss the case of domains with corners. This is joint work with Steffen Rohde. (Received August 21, 2009)