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Ngin-Tee Koh* (nkoh@uiuc.edu), Department of Mathematics, University of Illinois at Urbana-Champaign, 1409 W. Green St, Urbana, IL 61801. *Univalence Criteria, Quasiconformal Mappings and Approximable Quasidisks.*

We give a brief survey of some conditions that imply the univalence of a locally univalent function f . We also discuss related conditions that imply that f has a quasiconformal extension to the Riemann sphere. Finally, we discuss the concept of an approximable quasidisk, first introduced by Anderson and Hinkkanen. (Received January 26, 2009)