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Jason DeBlois* (jdeblois@pitt.edu). *The maximal maximal injectivity radius of hyperbolic surfaces.*

For any fixed finite type, I will describe a sharp upper bound on the maximal injectivity radius of finite-area hyperbolic surfaces of that type. For closed surfaces this follows from “Boröczky’s theorem”, but for non-compact surfaces it is more involved. (Received January 29, 2013)