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Subhojoy Gupta* (subhojoy.gupta@yale.edu), 433 Dunham Lab, 10 Hillhouse Avenue, New Haven, CT 06511. *Quasiconformal maps for grafted surfaces.*

Grafting of hyperbolic surfaces induces a self-map of Teichmüller space which leads to some interesting dynamics, and questions of how it relates to the Teichmüller metric. In particular, I will address the question of understanding finer properties of the asymptotic behaviour of grafting rays and their projection to moduli space. (Received March 30, 2010)