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Hiroshige Shiga* (shiga@math.titech.ac.jp). *Tame qc-motions and the monodromy.*

We have introduced the notion of tame qc-motions in a joint paper with Y. Jiang, S. Mitra and Z. Wang. It is a generalization of holomorphic motions. In this talk, we consider the monodromy of a tame qc-motion which is a homomorphism from the fundamental group of the parameter space to the mapping class group in some sense. We discuss properties of the monodromy and consider applications to the deformation theory of Kleinian groups. (Received January 29, 2016)