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Lyapunov expansion exponent for non-uniform lattices in $SL(2, \mathbb{R})$.

Given a finitely generated group G of circle diffeomorphisms with a choice of a generating set and a point x in S^1 , Deroin-Kleptsyn-Navas defined the Lyapunov expansion exponent of G at x . In joint work with J. Maher and G. Tiozzo, we show that when G is a non-uniform lattice in $SL(2, \mathbb{R})$ the Lyapunov expansion of G is zero at almost every x . This answers a question of theirs.