

Rigidity for non-recurrent exponential maps

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An exponential map $f(z) = e^z + c$ is called non-recurrent if the asymptotic value c is not in the accumulation set of its own forward orbit. We will present the result that whenever two non-recurrent exponential maps satisfy some combinatorial equivalence, then they are conjugate by a quasiconformal map. If moreover c has a bounded orbit, the conjugation can be made conformal.