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**Clifford J. Earle\*** ([cliff@math.cornell.edu](mailto:cliff@math.cornell.edu)). *Some quasiconformal homeomorphisms of compact Riemann surfaces.*

Let  $R$  be a compact Riemann surface of genus at least two. Its universal covering surface is the hyperbolic plane. We use the upper half plane model, so every quasiconformal homeomorphism of  $R$  onto itself lifts to a quasiconformal map of the upper half plane onto itself. If the homeomorphism  $f: R \rightarrow R$  is isotopic to the identity, then it has a unique lift  $\tilde{f}$  that equalz the identity on the real axis.

In a joint 2002 paper, Nikola Lakic and I gave formulas for maps  $\tilde{f}$  that move some points a surprisingly large distance. In this talk, I will illustrate the geometry behind these formulas. (Received August 04, 2015)