

1059-30-234

Chun Wai Carto Wong* (carto@u.washington.edu), 1150N 192nd St Apt 305, Shoreline, WA 98133, and **Steffen Rohde** (rohde@math.washington.edu). *An interpretation of half-plane capacity*. Preliminary report.

The half-plane capacity serves as a time-parameter for the chordal Loewner equation, just as the conformal radius is used as the parameter in the classical (radial) Loewner equation. In this talk, we show that half-plane capacity is comparable to the euclidean area of a hyperbolic neighborhood. (Received February 23, 2010)