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Andrew Starnes* (starnes@math.utk.edu), 227 Ayres Hall, Knoxville, TN 37996-1320. *The Multiple Loewner Equation with Rapidly and Randomly Oscillating Functions.*

Kager, Nienhuis, and Kadanoff conjectured that the hull generated from the Loewner equation driven by two constant functions with constant weights could be generated by a single rapidly and randomly oscillating function. We will discuss the proof of their conjecture and a generalization to multiple continuous driving functions with varying weights. Lastly, we investigate a simulation method which comes from the proof for hulls generated by the multiple Loewner equation. (Received September 21, 2017)