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Effect of random time changes on Loewner hulls.

Loewner hulls are generated by their real-valued driving functions. We study the geometric effect on the Loewner hulls when the driving function is composed with a random time change, such as the inverse of a stable subordinator. In particular, in contrast to Schramm-Loewner Evolution where the driving function is Brownian motion, we show that for a large class of random time changes, the Loewner hulls generated by Brownian motion composed with a random time change are not simple curves. (Received January 21, 2019)