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**Laszlo Erdos\*** ([mk1@ams.org](mailto:mk1@ams.org)). *Universality of random matrices and Dyson Brownian Motion*. Preliminary report.

By proving an old conjecture of Dyson, we demonstrate that the strong local ergodicity of the Dyson Brownian motion is the intrinsic mechanism behind universality for both invariant and non-invariant ensembles. (Received September 21, 2012)