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Tussey Lane, State College, PA 16801, and **Kurt Vinhage** (kvinhage@uchicago.edu) and **Yun
Yang** (yyang@gc.cuny.edu). *Entropy Rigidity and Flexibility for Suspension Flows of Anosov
Diffeomorphisms.*

We prove that for any smooth suspension flow over Anosov diffeomorphisms of two dimensional torus, the suspension flow is smoothly conjugate to a constant-time suspension flow over a hyperbolic automorphism of the two torus if and only if the volume measure is the measure with maximal entropy. (Received September 19, 2017)