

1061-53-147

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*Entropy decrease along Ricci flow on convex-cocompact surfaces.*

We shall see that the entropy of smooth metrics on convex-cocompact surfaces decreases along Ricci flow. This extends a result of Manning to the convex-cocompact setting and also shows that in this case constant curvature metrics minimize entropy.

A program to obtain similar conclusions for compact and also convex-cocompact manifolds of arbitrary dimension using a related geometric flow will be outlined.

This is joint work with S. Tapie (Bonn University). (Received April 12, 2010)