

1054-58-87

**John W Lott\*** ([lott@math.berkeley.edu](mailto:lott@math.berkeley.edu)), Department of Mathematics, University of California, 970 Evans Hall #3840, Berkeley, CA 94720. *Locally collapsed 3-manifolds.*

The endgame in Perelman's proof of the geometrization conjecture involves a purely Riemannian statement : A 3-manifold that is locally volume-collapsed, with respect to a lower curvature bound, is a graph manifold. I will present a proof of this statement. This is joint work with Bruce Kleiner. (Received September 07, 2009)