

1064-51-309

**Andrew A Cooper\*** ([andrew.a.cooper@gmail.com](mailto:andrew.a.cooper@gmail.com)), Department of Mathematics, Michigan State University, East Lansing, MI 48824. *Singular time of the mean curvature flow.*

At the first singular time of a compact mean curvature flow of general codimension, the contraction of the second fundamental form with the mean curvature vector blows up. (Received September 13, 2010)