On Mean Curvature Flow

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This article is an attempt to describe some developments in Mean curvature flow. It is by no means a complete account and is severely restricted by my own knowledge about the subject.

1 The beginning

Mean curvature flow had appeared as the physical model on grain boundaries. This was considered by Mullins in his paper ...

2 Huisken's theorem

3 Noncollapsing

4 Entropy of Colding and Minicozzi

5 Angenent-Daskalopoulos-Sesum and Brendle-Choi

The quest for classifying ancient solutions has been immensely advanced by the recent papers of Angenent-Daskalopoulos-Sesum