

Mean Curvature Flow

James Siene

4/3/2017

Mean curvature flow is an evolution equation which Huisken used in 'Flow by Mean Curvature of Convex Surfaces into Spheres' to show that a compact uniformly convex n -dimensional hypersurface evolves into a sphere in finite time. We will discuss the second fundamental form and mean curvature before proceeding into an overview of the results of this paper.