

UNIQUENESS AND RIGIDITY OF MEAN CURVATURE FLOW SELF-SHRINKERS

Online seminar

Speaker: Ao Sun

The University of Chicago

Time: Fri, May. 28th, 9:00-11:00

Tencent Meeting ID: 792 532 882

Abstract: Mean curvature flow is the most natural evolution of surfaces, however it usually develops singularities. The mean curvature flow singularities are modelled by self-shrinkers, and the study of self-shrinkers is important to the understanding of the singular behaviour. In this talk, I will first survey some basic theory of self-shrinkers. Then I will focus on the rigidity and uniqueness problem of self-shrinkers. In particular, I will introduce joint work with Jonathan Zhu on the local uniqueness of Clifford self-shrinkers.