



Sommersemester 2018

Gastvorlesung

Prof. Dr. Simon Brendle
(Columbia University)

über das Thema

Geometric flows and singularity formation

In these lectures, I will discuss the formation of singularities for embedded, mean convex hypersurfaces evolving under mean curvature flow. Among other things, I will discuss the main a-priori estimates, and some recent results on the classification of singularity models. For example, for two-dimensional surfaces in \mathbb{R}^3 (or for uniformly two-convex hypersurfaces in higher dimensions), the only possible singularity models are the shrinking spheres, shrinking cylinders, and the rotationally symmetric bowl soliton.

Termine

Donnerstag,	den 17. Mai 2018	14 Uhr c.t.-16 Uhr	N9
Freitag,	den 01. Juni 2018	14 Uhr c.t.-16 Uhr	N14
Freitag,	den 08. Juni 2018	14 Uhr c.t.-16 Uhr	N14
Freitag,	den 15. Juni 2018	14 Uhr c.t.-16 Uhr	N14

Hierzu wird herzlich eingeladen.