

A brief introduction to mean curvature flow

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19. November 2024

Mean curvature flow (MCF) is one of the most basic geometric evolution equations. In this talk, I will carefully introduce MCF, show a few examples, and hopefully give you an intuition for the flow. We'll explore the key structural properties of MCF and how they lead to different weak solution concepts. If time permits, I'll discuss their relation to each other and to strong solutions.