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數學科學研究所

香港中文大學

Joint Geometric Analysis Seminar

(Part of MIST program)

Diffusive stability results for the harmonic map flow and related equations

Prof. Tobias Lamm
Karlsruhe Institute of Technology

Abstract

The goal of this talk is to introduce the audience to the theory of diffusive stability in the context of the harmonic map flow. This theory is useful when studying stability results for parabolic equations and we will illustrate its use for geometric equations such as the harmonic map flow. Additionally, we use this theory in order improve various uniqueness results for solutions with rough initial data.

Date: March 23, 2022 (Wednesday)

Time: 5:00pm – 6:00pm (Hong Kong time)

ZOOM link: <https://cuhk.zoom.us/j/91805734715>

All are Welcome