

國立中正大學數學系
暨應用數學碩士班、統計科學碩士班
學術演講

Stability Properties and Rigidity Results of Lambda Translator

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Abstract

Lambda translator is a natural generalization of mean curvature flow (MCF) translator to the weighted constant mean curvature (CMC) setting. Weighted CMC hypersurface has a natural variational point of view. From this variational point of view, we can define a stability notion for lambda translator which extends the classical notion of strongly stable cmc. We then discuss some new rigidity results for stable or graphical lambda translator with bounded geometry condition. These results generalize the classical rigidity result of MCF translator of Impera-Rimoldi.

日期:113年4月29日(星期一) 16:10~17:00

地點:本校數學館 527 教室 (嘉義縣民雄鄉大學路 168 號)

茶會:15:30~16:00 數學館四樓 409 室舉行

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