RUHR-UNIVERSITÄT BOCHUM

FAKULTÄT FÜR MATHEMATIK

RUB

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Oberseminar Dynamische Systeme

On non-autonomous attracting basins

Dienstag, 13. Juni 2023 17:30 Uhr – Raum IA 1/181

Sayani Bera (IACS, Calcutta)

Abstract:

The goal of this talk is to discuss briefly the idea of the proof of the Bedford's conjecture (formulated by Fornæss-Stensønes in 2004), on uniform non-autonomous attracting basins of automorphisms of C^k, k \ge 2 and Fatou-Bieberbach domains.

Thus we also affirmatively answer Bedford's question (2000) on uniformizations of the stable manifolds, corresponding to a hyperbolic compact invariant subset of a complex manifold.

This is a joint work with Dr. Kaushal Verma.

Guests are very welcome!