

2024 泛函分析及空间理论 天元暑期研讨班

Non-archimedean techniques and dynamical
degenerations

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Abstract

We develop non-Archimedean techniques to analyze the degeneration of a sequence of rational maps of the complex projective line. We provide an alternative to Luo's method which was based on ultralimits of the hyperbolic 3-space. We build hybrid spaces using Berkovich theory which enable us to prove the convergence of equilibrium measures, and to determine the asymptotics of Lyapunov exponents.

Time: Monday, August 5, 2024, 10:00-11:00 (UTC+8)

Venue: Zheng Xin Building, Room 24

More information:

<https://im.hit.edu.cn/2024/0515/c8389a344802/page.htm>

