



## 复旦大学数学科学学院 数学综合报告会

报告题目: Brück's conjecture via complex linear ODEs

报告人: Ilpo Laine 教授 (东芬兰大学)

时间: 2026-04-15 星期三 15:30-16:30

地点: 光华楼东主楼1513

报告摘要:

Abstract: We shortly describe what is mainly about the validity of the Brück conjecture that insists the existence of a complex  $c \neq 0$  such that

$$\frac{f' - \alpha}{f - \alpha} = c,$$

provided  $f, f'$  share a finite value  $\alpha$  CM while hyper-order of  $f$  is non-integer. In this talk, we show that under fairly general condition, the Brück conjecture fails.

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