



universität
wien

Fakultät für Mathematik

Antrittsvorlesung

Mathematisches Kolloquium

Mittwoch, 22. November 2023

Sky Lounge

EINLADUNG

Yurii Malitskyi

(Universität Wien)

„Optimization algorithms in the Quest of Theoretical Questions“

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Abstract:

This talk will consist of two parts. In the first part, I will briefly introduce myself and my area of interest: continuous optimization and its applications to machine learning. In the second part, I will discuss continuous optimization in a broader context, demonstrating its capability to yield results seemingly distant from optimization. This will be illustrated with several examples, including the approximated Carathéodory theorem and the computation of the permanent of a nonnegative matrix.

14.45 Uhr: Kaffeejause

15.15 Uhr: Vortrag

Kleines Buffet im Anschluss

Radu Ioan Boț