



universität
wien

Fakultät für Mathematik

Mathematisches Kolloquium

Mittwoch, 22. Mai 2019

Sky Lounge

EINLADUNG

Erhard Aichinger

(Univ. Linz)

„Solving equations in finite algebras“

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Abstract:

For the last 4000 years, solving equations has been a central problem in algebra. In finite algebraic structures, solutions can be found by testing all possible candidates. Often, however, more efficient methods are available: syntactic methods (manipulating the equations) or semantic methods (limiting the candidates).

We will give some recent results on the complexity of solving equations and discuss the relation to other computational problems.

15.45 Uhr: Kaffeejause

16.15 Uhr: Vortrag

vinum cum pane im Anschluss

Christian Krattenthaler