



Der Wissenschaftsfonds.



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## Online talk series

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It is a pleasure to announce a guest lecture with the title

# Introduction to Zarembas Conjecture

joint work with Jean Bourgain, Misha Kapovich and Kei Nakamura

**SPEAKER:** Alex Kontorovich

**TIME:** Wednesday, 21.10.2020, 04:00 pm.

**Abstract:** We exposit in basic terms the origins of this question from numerical integration and pseudorandom sequences, and reformulate the problem as a Local-Global question in a Thin Orbit. An unreasonably large number of seemingly unrelated problems (including for circle packings and McMullens Classical Arithmetic Chaos conjecture) turn out, after some work, to be of the same general shape.

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