

Einladung zur öffentlichen Defensio von Herrn

Mateusz Piorkowski

Thema der Dissertation:

The KdV equation with steplike initial data:

A Riemann-Hilbert analysis

Abstract: In the talk I will present some recent results concerning the KdV equation with steplike initial data. The proof technique is based on the Deift-Zhou nonlinear steepest descent method for Riemann-Hilbert problems and the Fredholm properties of the associated singular integral operators.

Prüfungssenat:

Univ.-Prof. Dr. Andreas Cap (Vorsitz)
(Universität Wien)

Univ.-Prof. Dipl.-Ing. Dr. Gerald Teschl
(Universität Wien)

Prof. Dr. Peter Miller
(University of Michigan)

Prof. Dr. Percy Deift
(New York University)

Time: Aug 2, 2021 05:00 PM Vienna

Join Zoom Meeting

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