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DK Seminar

Oct 19, 2016, 14:15 - 15:00
University of Vienna,
Oskar-Morgenstern-Platz 1, HS 2.

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University of Vienna

Dispersive estimates for radial Schrödinger operators

In this talk we consider one-dimensional Schrödinger operators on the positive halfline with a singularity at zero and discuss dispersive decay estimates for the corresponding Schrödinger equation. We give a general overview of the mathematical tools, mention some recent results and discuss possible tasks for future research. This is based on joint work with Aleksey Kostenko and Gerald Teschl.