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DK Seminar

April 6, 2015, 13:15 - 14:45
University of Vienna
Oskar-Morgenstern-Platz 1, HS 2.

Markus Holzleitner

University of Vienna

Recent results about the dispersive behaviour of certain kinds of linear Schrödinger operators

In the first part of the talk we discuss general strategies for proving dispersive decay estimates for linear Schrödinger Operators in one dimension. Then we talk about some results for these operators on the whole and on the half line. We mainly focus on the effect of certain kinds of perturbations.