



Invitation to Seminar Talk

Dispersion Estimates for One-Dimensional Schrödinger and Klein-Gordon Equations

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Host: Laszlo Erdős

We show that for a one-dimensional Schrödinger operator with a potential whose first moment is integrable the scattering matrix is in the unital Wiener algebra of functions with integrable Fourier transforms. Then we use this to derive dispersion estimates for solutions of the associated Schrödinger and Klein-Gordon equations. In particular, we remove the additional decay conditions in the case where a resonance is present at the edge of the continuous spectrum.

Thursday, 12 February 2015, 4:00pm

Mondi2, Central Building, 1st floor



2015-02-12

This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage (note that the IST Shuttle times are highlighted in dark green):

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