



Mathematics and CS Seminar

Level spacing for the continuum Anderson model and applications

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We'll start with a short recap of the lattice Anderson model, with a focus on Minami's estimate and its applications. In particular it implies that, with high probability, the eigenvalues of the Anderson model are well-spaced. In the bulk of the talk I then describe a new approach towards such a level-spacing estimate which is more flexible than known methods. In particular it works for the continuum Anderson model. If the single-site probability distributions are sufficiently regular, then a Minami-type estimate can be obtained from such a level-spacing estimate. The talk is based on joint work with Alexander Elgart.

Thursday, December 14, 2017 04:00pm - 06:00pm

Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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