

Kochi School on Random Schrodinger Operators: Program

2009, November 26, 9:45 ~ November 28, 17:30
Mathematics Main Seminar Room (Science Faculty Bulding 2, 6F)
Department of Mathematics, Kochi University
2-5-1 Akebono-cho, Kochi 780-8520, Japan

November 26 (Thursday)

9:45 ~ 10:45 : Jean-Michel Combes (Marseille)

Introduction to spectral statistics of Random Schrödinger Operators of Anderson type (1)

11:00 ~ 12:00 : Abel Klein (Irvine)

The multiscale analysis and localization of random Schrödinger operators (1)

14:00 ~ 15:00 : Yoshiko Ogata (Tokyo)

Large deviations in quantum spin chains

15:15 ~ 16:15 : Günter Stolz (Birmingham)

Anderson Localization via the Fractional Moments Method (1)

November 27 (Friday)

9:45 ~ 10:45 : Jean-Michel Combes (Marseille)

Introduction to spectral statistics of Random Schrödinger Operators of Anderson type (2)

11:00 ~ 12:00 : Abel Klein (Irvine)

The multiscale analysis and localization of random Schrödinger operators (2)

14:00 ~ 15:00 : Hiroaki Niikuni (Tokyo)

On the degenerate spectral gaps of the one-dimensional Schrödinger operators with the periodic $\delta^{(1)}$ -interactions

15:15 ~ 16:15 : François Germinet (Paris)

Characterization of the Anderson dynamical transition and application to dynamical delocalization in quantum Hall systems (1)

16:30 ~ 17:30 : Frédéric Klopp (Paris)

Spectral statistics for random Hamiltonians in the localized regime (1)

November 28 (Saturday)

9:45 ~ 10:45 : Günter Stolz (Birmingham)

Anderson Localization via the Fractional Moments Method (2)

11:00 ~ 12:00 : François Germinet (Paris)

Characterization of the Anderson dynamical transition and application to dynamical delocalization in quantum Hall systems (2)

14:00 ~ 15:00 : Naomasa Ueki (Kyoto)

Classical and quantum behavior of the integrated density of state for a randomly perturbed lattice (joint work with R. Fukushima)

15:15 ~ 16:15 : Frédéric Klopp (Paris)

Spectral statistics for random Hamiltonians in the localized regime (2)

16:30 ~ 17:30 : Peter Müller (München)

Electrical conductivities for random Schrödinger operators

Organizers:

Shu Nakamura (Graduate School of Mathematical Sciences, University of Tokyo)

Fumihiko Nakano (Department of Mathematics, Kochi University)

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