



Jean-Michel Combes (CPT Marseille) Eigenvalue counting estimates for Random operators of Anderson type

ZEIT:

23.4.2008, 16:30 Uhr

ORT:

HU-Berlin
Institut für Mathematik
Rudower Chaussee 25, Raum I.410
12489 Berlin

We apply spectral averaging techniques to derive generalized eigenvalue counting estimates for the Anderson model. In the discrete setting we present a new elementary proof of generalized Minami's estimates and some of its spectral and transport consequences. We show how they can be extended to the continuous case using the Birman-Krein theory of the spectral shift function.

Kontakt:

Humboldt-Universität zu Berlin . Institut für Mathematik
SFB 647 . Unter den Linden 6 . 10099 Berlin
Tel. +49 30 2093 1804 . Fax. +49 30 2093 2727
sfb647@math.hu-berlin.de

www.raumzeitmaterie.de