MP 9: Quantum Statistics

Zeit: Dienstag 16:45–17:35   Raum: 30.45: 201

Hauptvortrag   MP 9.1   Di 16:45   30.45: 201

Spectral asymptotics of quantum percolation models — ●Peter Müller — Mathematisches Institut, Universität München, Theresienstr. 39, 80333 München, Germany

In recent years there has been quite some activity and progress concerning spectral asymptotics of Laplace-type operators that are defined on percolation subgraphs of a given graph. In this survey talk I shall review some of these results and explain the necessary background. Among others, I shall be concerned with the equality of Lifshits and van Hove exponents of the integrated density of states.