
Resonances for large random samples

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Abstract

The talk will be devoted to the description of the resonances generated by a large sample of random material. In one dimension, one obtains a very precise description for the resonances that directly related to the description for the eigenvalues and localization centers for the full random model. In higher dimension, below a region of localization in the spectrum for the full random model, one computes the asymptotic density of resonances in some sub exponentially small strip below the real axis. This talk is partially based joint work with M. Vogel.

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