



Mathematical Physics

AC spectrum for a class of random operators at small disorder

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In this paper we present a class of Anderson type operators with independent, non-stationary (non-decaying) random potentials supported on a subset of positive density in the odd-dimensional lattice and prove the existence of pure absolutely continuous spectrum in the middle of the band for small disorder.

Subjects: **Mathematical Physics (math-ph)**; Spectral Theory (math.SP)

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