

Higuchi, Yusuke; Shirai, Tomoyuki

Weak Bloch property for discrete magnetic Schrödinger operators. (English) Zbl 0985.58011
Nagoya Math. J. 161, 127-154 (2001).

The authors study the spectral properties of the discrete magnetic Laplacian in terms of the growth function of a graph. They also study the behaviour of the bottom of the spectrum as a function of the magnetic flux. They exhibit various examples which have interesting properties.

Reviewer: [Peter B. Gilkey \(Eugene\)](#)

MSC:

58J50 Spectral problems; spectral geometry; scattering theory on manifolds Cited in 10 Documents

Keywords:

Laplace-Beltrami operator; discrete spectral resolution; spectra of graph

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