



Minisymposium 4 - Spectral Theory and Ergodic Operators

Between order and disorder: Hamiltonians for quasicrystals

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The talk introduces discrete and continuum Hamiltonians for aperiodically ordered solids. As is typical in an ergodic setting, these operators come in a whole family, indexed by an appropriate dynamical system. We present some fundamental ergodic and some simple spectral properties.