## Spectral Theory of Wannier-Stark Operators Aleksey Kostenko (University of Vienna)

**Abstract.** I will review basic spectral theory of one-dimensional Wannier– Stark Hamiltonians, i.e., one-dimensional Schrödinger operators on the axis with potentials given by the sum of a linear term (external homogeneous electric field) and a periodic potential. The main focus will be on the structure of the essential spectrum.

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