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Schrödinger operators with small quasiperiodic potentials: comb domains

In the talk, we discuss a characterization of the spectra of Schrödinger operators with small quasiperiodic analytic potentials in terms of their comb domains. We will also discuss action variables motivated by the integrable Korteweg-de Vries (KdV) system. The talk is based on joint work with D. Damanik, M. Goldstein, and M. Lukic.