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Lingrui Ge* (lingruig@uci.edu). *Arithmetic version of Anderson localization for a class of smooth quasiperiodic Schrödinger operators.*

We prove Anderson localization for even C^2 cos-type quasiperiodic Schrödinger operators with large coupling constants, Diophantine frequencies and Diophantine phases. (Received March 09, 2021)