
QUANTUM UNIQUE ERGODICITY OF MAGNETIC LAPLACIANS ON THE TORUS

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The aim of this talk will be to describe the asymptotic properties of the eigenfunctions of magnetic Laplacians on the flat torus of dimension 2. I will explain that, under a geometric control condition on the magnetic field, the eigenfunctions satisfy equidistribution properties as the eigenvalue tends to infinity. This is a joint work with Léo Morin (Copenhagen).