

Quantum limits of some perturbed sub-Laplacians

Tuesday, August 29, 2023 10:15 AM (45 minutes)

In this talk I will present some recent results obtained independently in collaboration with Gabriel Rivière and Chenmin Sun on the spectral study of sub-elliptic operators. In the particular cases of the Baouendi-Grushin operator on the torus and certain perturbations of sub-Riemannian contact Laplacians in dimension three, we will describe the quantum limits associated with these operators.

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