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Quantum limits of some perturbed sub-Laplacians

mardi 29 août 2023 10:15 (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.

Orateur: ARNAIZ, Victor (université de Nantes)