

Learning quantum fuzzy orbits from coherent data

Jesús Fuentes & Jorge Gonçalves

*Luxembourg Centre for Systems Biomedicine
University of Luxembourg*

We explore a method for reconstructing soft dynamical operators in quantum theory by learning from data the fuzzy orbits described by a microparticle in an ion trap.

We assume these data come from harmonic fields to minimise the Heisenberg's uncertainty principle.

This is a possible data-driven approach to quantum tomography.

