Review of: "Fidelity of quantum blobs"

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In the paper "Quantum distinguishability and symplectic topology," the author investigates the fidelity as a means to distinguish quantum states with an approach based on "symplectic topology". It would be useful to know how new are the concepts developed here in comparison to previous work.

According to the author, the quantum uncertainty inequalities relate to a theorem of symplectic topology: Gromov's nonsqueezing theorem, which improves Liouville theorem. In the paper, quantum fidelity in complex phase space for pairs of quantum blobs. The later are phase-space analogues of the squeezed coherent states. I found that the main add of this work to the existing literature is the pedagogical account of diverse concepts belonging to mathematics and quantum physics. In this respect, it is a good paper.