

Abstract Submitted
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Finite Difference Solution of the Quantum Wigner Function in the Presence of a Magnetic Field: PML Absorbing Boundary Condition
TOMAS MATERDEY, University of Massachusetts Boston — Numerical results using a perfectly matching layer (PML) absorbing boundary condition for the finite-difference time evolution of the quantum Vlasov equation are presented. Comparisons with previous results based on the constant flux approach are discussed.

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