Abstract Submitted
for the MAR07 Meeting of
The American Physical Society

Absorbing Boundary Conditions for the Finite-Difference Time Evolution of the Wigner Function using the Vlasov Equation BEIBEI ZHANG, GEORGE ROSS, ALBERT KAMANZI, TOMAS MATERDEY, University of Massachusetts Boston — Absorbing boundary conditions for the finite-difference time evolution of the Wigner function using a constant flux condition through the 2D region of calculation in phase space are presented. Numerical results on the time evolution of a Gaussian wave packet in phase space will be presented and discussed.

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Date submitted: 21 Feb 2007 Electronic form version 1.4