

Abstract Submitted
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Kinetic Alfvén Wave Turbulence Simulations Update KATE DESPAIN, W. DORLAND, University of Maryland — We present results for the numerical validation and verification of KAW, a 3D code designed to study the nonlinear interaction of kinetic Alfvén waves. KAW employs an EMHD model, but is modified to include some kinetic effects by the electrons. Initial nonlinear results of interacting kinetic Alfvén waves will also be presented. These results can be compared to experimental results from the Large Plasma Device (LAPD) at UCLA.

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