

Abstract Submitted  
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**Kinetic simulation of Alfvénic instabilities in tokamaks<sup>1</sup>** Y. NISHIMURA, C.Z. CHENG, National Cheng Kung University — Toroidicity induced Alfvén eigenmode in a tokamak geometry is studied by numerical simulation including both the high energy particles and bulk kinetic plasmas. To see the interaction between the high energy and the bulk (incorporate ions and electrons to statistically reliable level), effective parallelization is the key. Computational procedure of the simulation is discussed.

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