

Tractable Full Kinetc Treatment for MHD Waves

TADAS K. NAKAMURA

Fukui Prefectural University

A new method for kinetic calculation on MHD waves is introduced. The method gives full kinetic solution to linear MHD waves without strenuous manipulation as in the conventional method. Consequently it can solve problems with complicated zero-th order background with a reasonable amount of effort. An application to magnetorotational instability (MRI) will be discussed