

SECONDARY TEARING MODE IN TRANS-RELATIVISTIC MAGNETIC RECONNECTION: DEPENDENCE ON PLASMA PARAMETERS

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ABSTRACT

We investigate how the onset of the secondary tearing mode depends on the initial plasma- β , magnetization σ , and strength of the guide field.

Keywords: magnetic reconnection — accretion, accretion disks — galaxies: jets — X-rays: binaries — radiation mechanisms: nonthermal — acceleration of particles

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