Effects of remaining magnetic islands in resonant magnetic perturbations

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Three dimensional particle motion is projected onto one dimensional radial profile to compare with a 1D transport model. Furthermore, particle source is incorporated into the kinetic simulation to retain the global profile as in realistic tokamak discharge. This work is supported by National Science Council of Taiwan, NSC 100-2112-M-006-021, 103-2112-M-006-007, and NCKU Top University Project.


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Date submitted: 11 Jul 2014
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