

Abstract Submitted
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Radiative transfer dynamo effect¹ VADIM MUNIROV, NATHANIEL FISCH, Princeton Univ — Radiating slabs of plasma, in relative motion to each other, can create a dynamo effect as radiation from one slab is absorbed by the second slab. One instance of this dynamo effect might occur in differentially rotating and radiating plasma atmospheres in a number of astrophysical contexts. The efficiency of current drive, and with it the associated dynamo effect, is considered in a number of limits.

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Vadim Munirov
Princeton Univ

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