

Abstract Submitted  
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**Non-symmetric ideal magnetohydrodynamic steady flows<sup>1</sup>**  
HAROLD WEITZNER, WRICK SENGUPTA, Courant Institute NYU — Steady ideal magnetohydrodynamic flows which lack symmetry are found by an expansion in a parameter proportional to the amplitudes of the flow and magnetic field. Resonance conditions are identified and similar to problems in the expansion of equilibria, it is shown how to resolve resonances and find the flows. To leading order the flows are parallel, although in higher order the limitation of being parallel is not needed.

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Wrick Sengupta  
Courant Inst

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