Abstract Submitted for the NES05 Meeting of The American Physical Society

Variational formulation of self-consistent ponderomotive effects in unmagnetized plasmas ALAIN BRIZARD, CHRISTOPHER SCILLA, Saint Michael's College — The variational formulation of self-consistent ponderomotive effects in unmagnetized plasmas is investigated. In particular, we show how ponderomotive effects can assist in generating quasi-static magnetic fields.

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Date submitted: 04 Mar 2005 Electronic form version 1.4