

Correction to “Global magnetohydrodynamic simulation of reconnection and turbulence in the plasma sheet”

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Received 24 February 2011; published 12 April 2011.

Citation: El-Alaoui, M., M. Ashour-Abdalla, R. L. Richard, M. L. Goldstein, J. M. Weygand, and R. J. Walker (2011), Correction to “Global magnetohydrodynamic simulation of reconnection and turbulence in the plasma sheet,” *J. Geophys. Res.*, 116, A04206, doi:10.1029/2011JA016601.

[1] In the paper “Global magnetohydrodynamic simulation of reconnection and turbulence in the plasma sheet” by M. El-Alaoui et al. (*Journal of Geophysical Research*, 115, A12236, doi:10.1029/2010JA015653), equations (3) and (6) contained typographical errors. Equation (3) had a sign error, and equation (6) should read $\bar{\beta}$ rather than \bar{B} . The corrections are as follows:

$$\eta \mathbf{J}^2 = \nabla \cdot \left[\frac{\rho \mathbf{v}^2}{2} \mathbf{v} \right] + (\mathbf{v} \cdot \nabla) p + \mathbf{J} \cdot (\mathbf{v} \times \mathbf{B}) \quad (3)$$

$$L = \frac{\eta}{\mu_o \bar{v}} \frac{1}{1 + \frac{\bar{\beta}}{2} + \frac{M_A^2}{2}}. \quad (6)$$