

## Correction to “Orientation and motion of a plasma discontinuity from single-spacecraft measurements: Generic residue analysis of Cluster data”

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[1] The paper “Orientation and motion of a plasma discontinuity from single-spacecraft measurements: Generic residue analysis of Cluster data” by B. U. Ö. Sonnerup et al. (*Journal of Geophysical Research*, *111*, A05203, doi:10.1029/2005JA011538, 2006) contains two errors, one in equation (15b) and one in equation (26). As printed in the paper, both equations are dimensionally inconsistent.

[2] The corrected version of equation (15b) is

$$Q_{ij} = \langle \delta q_{ki} \delta q_{kj} \rangle - \frac{(\langle \delta \eta_k \delta q_{ki} \rangle \langle \delta \eta_k \delta q_{kj} \rangle)}{\langle |\delta \eta_k|^2 \rangle}.$$

Similarly, the corrected version of equation (26) is

$$Q_{ij} = -\langle \delta E_i \delta E_j \rangle + \delta_{ij} \langle |\delta E_k|^2 \rangle - \frac{P_i P_j}{\langle |\delta B_k|^2 \rangle}.$$

The errors in the two equations were of a purely typographical nature; they have not influenced any of the numerical results given in the paper.

[3] We thank A. Blaugau (private communication, 2006) for bringing these errors to our attention.