

## *Erratum*

# (1) Preferred longitudes in sunspot activity (2) Preferred sunspot longitudes: non-axisymmetry and differential rotation

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We correct three errors which appeared in these closely related papers.

1. In Paper (1), we were primarily interested in the effect of the differential rotation rate  $B$  and neglected the difference between the equatorial rotation rate  $A$  and the Carrington rotation rate in Eq. (5), which results in a slope in Figs. 3 and 4 that is too steep. This was corrected without comment in Paper (2) and subsequent papers.
2. In Paper (2), Eq. (3) contains a typographical error, with  $\Omega_j$  and  $\Omega_C$  interchanged. It should read

$$\Lambda_i = \Lambda_0 + T_C \sum_{j=N_0}^i (\Omega_j - \Omega_C).$$

This correct form was used in all numerical work in that paper and all subsequent papers (e.g., Berdyugina et al. 2006, A&A, 445, 703).

3. In Paper (2), the given form of Eq. (6) is incorrect. It should read

$$\epsilon_{ki} = \min(|\tilde{\lambda}_{ki}|; |\tilde{\lambda}_{ki} - 180^\circ|; |\tilde{\lambda}_{ki} - 360^\circ|).$$

This correct form was used in all numerical work in that and subsequent papers.