

Erratum
**Spatiotemporal fragmentation and the uncertainties
in the solar rotation law**

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In this paper (and two others referenced) we stated that we fitted the dynamo generated poloidal magnetic fields to a vacuum exterior solution. We now realize that we instead inadvertently applied the condition that the azimuthal component of vector potential $A = 0$ at $r = R$, with the consequence that the poloidal field lines do not penetrate the surface $r = R$.

We have since made extensive calculations with other boundary conditions on both the poloidal and toroidal parts of the magnetic field, and find that the results presented previously are *qualitatively unaltered*. All the reported phenomena can be recovered, albeit at slightly different parameter values, and the previously found robustness to changes in the model persists.

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