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To cite this article: Yi-Min Huang *et al* 2023 *Plasma Phys. Control. Fusion* **65** 129601

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Erratum: Structure of pressure-gradient-driven current singularity in ideal magnetohydrodynamic equilibrium (2023 *Plasma Phys. Controlled Fusion* 65 034008)

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Received 26 October 2023

Accepted for publication 31 October 2023



The paragraph starting at the end of page 6 in the original article should read:

Finally, we use the relation (51) to eliminate c_2 in the boundary condition (31), yielding an equation for c_1 :

$$7k^2 \cosh(ka) c_1^2 - 24 \sinh(ka) c_1 + 24\delta a = 0. \quad (52)$$

The solution is

$$c_1 = \frac{12 \sinh(ka) - \sqrt{144 \sinh^2(ka) - 168a\delta k^2 \cosh(ka)}}{7k^2 \cosh(ka)}. \quad (53)$$

Here, the sign for the square root in (53) is chosen such that $c_1 \simeq a\delta / \sinh(ka)$ in the limit of a small perturbation.

These errors had no impact on the remaining part of the original article.

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