### CORRIGENDUM

## Collisional alpha transport in a weakly non-quasisymmetric stellarator magnetic field – CORRIGENDUM

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# doi:10.1017/S0022377819000321, Published by Cambridge University Press, 2 May 2019

The symbol on the left side of (3.13) should be the same as defined in (2.12), namely,  $\Theta(\alpha, \eta)$ .

The two qN - M factors in (2.21) should be replaced with  $N - q^{-1}M$ . Then, above (2.27) the statement should read 'the radial variation of  $N - q^{-1}M$  is negligible if  $1 - qN/M \gg Rq^{-1}\partial q/\partial r'$ .

In addition, for the superbanana plateau regime (sbp) the evaluation of (3.13) needs to be slightly different than the  $\sqrt{\nu}$  regime procedure presented in (3.14) to (3.16). For the sbp regime the boundary layer is at  $\kappa_0^2 \simeq 0.83$ , rather than the trapped-passing boundary. Therefore,  $\eta_t$  should be replaced by  $\eta_0 \equiv 2 \sin^{-1} \kappa_0 \simeq 2.3$  in (3.13), (3.14) and (3.15) for the sbp case. As a result, the  $\cos[(qn - m)\pi/(qN - M)]$  term in (3.16), (3.18), (7.8), (7.13), (7.14), (7.16) and (7.17) should be replaced by  $\cos[(qn - m)\eta_0/(qN - M)]$ . For the same reason,  $\cos(qn\pi)$  must be replaced by  $\cos(qn\eta_0)$  in (7.18) and (7.19).

### Acknowledgements

Work supported by the US Department of Energy grant DE-FG02-91ER-54109.

#### REFERENCE

CATTO, P. J. 2019 Collisional alpha transport in a weakly non-quasisymmetric stellarator magnetic field. J. Plasma Phys 85, 905850213.