

Corrigendum: Measurement of the electromagnetic torque in rotating DIII-D plasmas (2010 Plasma Phys. Control. Fusion [52 045013](#))

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The expression for the tile time constant, Eq. (14) in the original paper [1], was missing a factor of π in the denominator. It should be replaced by,

$$\tau_{tiles} = \frac{\mu_0 \sigma}{\pi^2} \left(\frac{a^2 b^2}{j^2 b^2 + l^2 a^2} \right), \quad (1)$$

and the conductivity (σ) of the graphite tiles should be approximately $8.5 \times 10^4 \text{ Sm}^{-1}$ (note the positive exponent, which was mistyped as negative in the original paper). The result of these two corrections is the estimated ($j=1, l=1$) tile time constant of 0.12ms, which is properly published in the paper. The two misprints, though important to note for those attempting to reproduce the calculations, thus do not impact the conclusions of the paper.

References

- [1] Logan N C, Strait E J, and Reimerdes H 2010 *Plasma Phys. Control. Fusion* [52 045013](#)