This is the Accepted Manuscript version of the article accepted for publication:

Erratum: Numerical treatment of a magnetized electron fluid model within an electromagnetic plasma thruster simulation code (2019. *Plasma Sources Science and Technology*, 28(11), 115004). Zhou, J.... et al. (2020). *Plasma Sources Science and Technology*, 29(1), 019601.

IOP Publishing Ltd is not responsible for any errors or omissions in this version of the manuscript or any version derived from it. The Version of Record is available online at <https://doi.org/10.1088/1361-6595/ab5df3>

Erratum: Numerical treatment of a magnetized electron fluid model within an electromagnetic plasma thruster simulation code (2019 Plasma Sources Sci. Technol. 28 115004)

J Zhou , D Pérez-Grande , P Fajardo and E Ahedo

Equipo de Propulsión Espacial y Plasmas (EP2), Universidad Carlos III de Madrid, Leganés, Spain

Figure 11. Panels (a) and (b) correspond to the same cases than figure 9 but using 4800 cells/mesh instead of 1200 in the simulations. Panel (c) plots the cuts of the electric current density at the chamber exit section, $z = 3$ cm, for the 1200, 2400 and 4800 cells/mesh cases and the two numerical strategies followed to compute ϕ . The percentages shown in the inserts of panel (c) correspond to the mean deviation δ (defined in the main text) with respect to $|\tilde{j}|$ for 4800 cells and Φ as unknown.

During production there was an error and figure 11 was not included in the PDF version of this article. The missing figure is shown above.