Erratum: “Plasma particle sources due to interactions with neutrals in a turbulent scrape-off layer of a toroidally confined plasma” [Phys. Plasmas 25, 032307 (2018)]

Thrysøe, A. S.; Leiten, M.; Madsen, J.; Naulin, Volker; Nielsen, A. H.; Juul Rasmussen, J.

Published in:
Physics of Plasmas

Link to article, DOI:
10.1063/1.5086368

Publication date:
2019

Document Version
Publisher's PDF, also known as Version of record

Link back to DTU Orbit

Citation (APA):
Erratum: “Plasma particle sources due to interactions with neutrals in a turbulent scrape-off layer of a toroidally confined plasma” [Phys. Plasmas 25, 032307 (2018)]

Cite as: Phys. Plasmas 26, 019901 (2019); https://doi.org/10.1063/1.5086368
Submitted: 20 December 2018 . Accepted: 26 December 2018 . Published Online: 14 January 2019

A. S. Thrysøe (1), M. Løiten (1), J. Madsen (1), V. Naulin (1), A. H. Nielsen (2), and J. Juul Rasmussen
Erratum: “Plasma particle sources due to interactions with neutrals in a turbulent scrape-off layer of a toroidally confined plasma” [Phys. Plasmas 25, 032307 (2018)]

In the paper, there are misprints in two of the equations. Equations (20) and (21) should read

\[
S^p_e = \frac{3}{2} m_e T_n S_n^+ + \frac{1}{2} m_e (u_n - u_e)^2 S_n^+ - \phi_{ze} S_{iz}^+ - \phi_{he} S_{iz}^+ - \phi_{Di} S_{Di}^+ \\
\]

(20)

and

\[
S^p_i = \frac{3}{2} m_i T_n S_n^+ + \frac{1}{2} m_i (u_n - u_i)^2 (S_n^+ + S_{cx}^+) + (u_n - u_i) \cdot R_{in}^c + Q_{in}^c - Q_{ni}^c \\
\]

(21)

The error is entirely typographical and is not present in the numerical code. The displayed results and drawn conclusions remain unchanged.