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Permalink

<https://escholarship.org/uc/item/76d849x2>

Journal

Physics of Plasmas, 33(7)

ISSN

1070-664X

Author

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Publication Date

2026-07-01

DOI

10.1063/5.0350627

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Peer reviewed

CORRECTION | JULY 08 2026

Publisher's Note: "Mechanism and current balance of unipolar arcs and implications for vacuum arcs" [Phys. Plasmas 33, 063505 (2026)]

André Anders  



Phys. Plasmas 33, 079901 (2026)

<https://doi.org/10.1063/5.0350627>



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Cite as: Phys. Plasmas **33**, 079901 (2026); doi: [10.1063/5.0350627](https://doi.org/10.1063/5.0350627)

Submitted: 17 June 2026 · Accepted: 1 July 2026 ·

Published Online: 8 July 2026



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<https://doi.org/10.1063/5.0350627>

This article was originally published online on 16 June 2026 with an error in Eq. (25) and Ref. 48. Equation (25) and Ref. 48 appear correctly below. All online and printed versions of the article were corrected on 22 June 2026. AIP Publishing apologizes for this error.

$$I_{i,\text{ring, spot plasma to PFC}} = \int_{A_{\text{ring}}} \bar{Q} e n_i \left(\frac{k_B T_e}{m_i} \right)^{1/2} dS = e \left(\frac{k_B}{m_i} \right)^{1/2} \int_{r_1}^{r_2} n_e(r) T_e^{1/2}(r) \pi r dr = e \pi C I_{\text{arc}} \left(\frac{k_B T_e}{m_i} \right)^{1/2} \ln \left(\frac{r_2}{r_1} \right), \quad (25)$$

⁴⁸J. Stark, "Induktionserscheinungen am Quecksilberlichtbogen im Magnetfeld," Phys. Z. **4**, 440 (1903).