

Erratum

Citation for published version (APA):

Meijaard, P., Staps, T. J. A., & Beckers, J. (2021). Erratum: Step-wise excitation for the determination of the resonance frequency of a microparticle confined in a low pressure plasma (Phys. Plasmas (2021) 28 (083502) DOI: 10.1063/5.0057509). *Physics of Plasmas*, 28(9), Article 099901. <https://doi.org/10.1063/5.0066651>

DOI:

[10.1063/5.0066651](https://doi.org/10.1063/5.0066651)

Document status and date:

Published: 03/09/2021

Document Version:

Publisher's PDF, also known as Version of Record (includes final page, issue and volume numbers)

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.tue.nl/taverne

Take down policy

If you believe that this document breaches copyright please contact us at:

openaccess@tue.nl

providing details and we will investigate your claim.

Publisher's Note: "Step-wise excitation for the determination of the resonance frequency of a microparticle confined in a low pressure plasma" [Phys. Plasmas 28, 083502 (2021)]

Cite as: Phys. Plasmas 28, 099901 (2021); <https://doi.org/10.1063/5.0066651>

Submitted: 11 August 2021 . Published Online: 03 September 2021

 P. Meijaard,  T. J. A. Staps, and  J. Beckers



View Online



Export Citation



CrossMark

ARTICLES YOU MAY BE INTERESTED IN

[Announcement: The 2020 James Clerk Maxwell Prize for Plasma Physics](#)
Physics of Plasmas 28, 080201 (2021); <https://doi.org/10.1063/5.0063257>

[A neoclassically optimized compact stellarator with four planar coils](#)
Physics of Plasmas 28, 092501 (2021); <https://doi.org/10.1063/5.0057834>

[Flux-driven algebraic damping of \$m=2\$ diocotron mode](#)
Physics of Plasmas 28, 092105 (2021); <https://doi.org/10.1063/5.0060022>



Physics of Plasmas
Features in Plasma Physics Webinars

Register Today!

Publisher's Note: "Step-wise excitation for the determination of the resonance frequency of a microparticle confined in a low pressure plasma" [Phys. Plasmas 28, 083502 (2021)]

Cite as: Phys. Plasmas **28**, 099901 (2021); doi: [10.1063/5.0066651](https://doi.org/10.1063/5.0066651)
Submitted: 11 August 2021 · Published Online: 3 September 2021



View Online



Export Citation



CrossMark

P. Meijaard,^{a)}  T. J. A. Staps,  and J. Beckers 

AFFILIATIONS

Department of Applied Physics, Eindhoven University of Technology, PO Box 513, Den Dolech, 5600 MB Eindhoven, The Netherlands

^{a)} Author to whom correspondence should be addressed: P.Meijaard@tue.nl

<https://doi.org/10.1063/5.0066651>

This article was originally published online on 2 August 2021 with errors on page 9, Sec. V A. The sixth line of the paragraph starting with "When calculating the Epstein..." has been corrected as When calculating the Epstein damping rate for the parameters used in this work, one obtains $\beta_{\text{eps}} = 16.2 \pm 17 \text{ s}^{-1}$ assuming diffuse reflections.

Converting the experimentally found ζ to the Epstein damping rate via $\zeta * \omega_0 = \beta$, for the rising and falling step excitation experiments, the values of 22.8 ± 39 and $23.3 \pm 16 \text{ s}^{-1}$ are found, respectively.

All online versions of the article were corrected on 3 August 2021.