

Correction: Multiphoton absorption in optical gratings for matter waves [Phys. Rev. A 94, 043637 (2016)]

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For consistency with previous [11, 28, 34, 42, 45] and later [C1] works, the parameters ζ_{abs} and ζ'_{abs} should be renamed:

$$\zeta_{\text{abs}} \longrightarrow \zeta_{\text{ion}} \quad \text{and} \quad \zeta'_{\text{abs}} \longrightarrow \zeta_{\text{abs}}.$$

There is no need to do this when working exclusively with

this paper.

[C1] L. Martinetz, B. A. Stickler, K. Simonović, R. Ferstl, C. Brand, M. Arndt, K. Hornberger, *Probing molecular photophysics in a matter-wave interferometer*, Phys. Rev. Res. **6**, 043270 (2024).