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Corrigendum Notice: A corrigendum has been issued for this article and is included at the end of this document.

Post-Publication Notice

Corrigendum to "N. Dosaev and G. Tulekova, "Exploring the labyrinth of light: multiple Bragg Diffraction phenomena in face-centered cubic photonic crystals", tbusphys, vol. 1, no. 4, p. 0005, Sept. 2023. doi: 10.54355/tbusphys/1.4.2023.0005"

In the originally published version of this article, omissions were identified in the Methods section, leading to insufficient detail about the experimental setup and data processing procedures.
The following corrections have been implemented:
1. Section 2 (Methods):
- The updated text now specifies all experimental apparatus components, including manufacturers (SciTech Company, USA), connection setup, voltage ranges, safety elements, and measurement tools.
- The revised version also incorporates information about data analysis procedures, including the use of Bragg's law, linear regression of diffraction data, ANOVA for statistical significance testing, and error estimation methods (mean ± standard deviation).
2. Clarifications: The sequence of steps for configuring the apparatus, adjusting voltages, and collecting measurements has been elaborated to improve reproducibility.
Additionally, the reference: "Interstitials in graphite and disordered carbons / J. Lachter, R.H. Bragg // Physical Review B. — 1986. — Vol. 33. No. 12. — P. 8903." has been replaced with "Photonic band gaps structure properties of two-dimensional function photonic crystals / J. Lachter, R.H. Bragg // Physical Review B. — 2017. — Vol. 89. — P. 61 – 66. https://doi.org/10.1016/j.physe.2017.01.028".
These amendments do not alter the experimental results, discussion, or conclusions of the paper. They enhance methodological transparency and accuracy of reported procedures.

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