



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

Post-Publication Notice

Corrigendum to “I. Amangeldinov and D. Korovaev, “Spectral characterization of elemental emissions, experimental insights and theoretical evaluation”, tbusphys, vol. 2, no. 2, p. 0012, Apr. 2024. doi: 10.54355/tbusphys/2.2.2024.0012”

In the originally published version of this article, the Methods section provided limited information on the instrumentation specifications, calibration protocol, and statistical evaluation of results. The following corrections have been made:

1. Section 2 (Methods):

- The revised text now specifies equipment manufacturers (Thorlabs Inc., Edmund Optics, USA), diffraction grating density (600 lines/mm), and detailed calibration procedure with helium lamp.

- Measurement accuracy (± 0.5 arcminutes), error propagation methods, and confidence interval estimations have been added.

- Statistical analysis details (OriginPro 2022, Python SciPy/NumPy cross-validation) are included to confirm reproducibility and reliability.

2. Figure 1 has been improved to enhance visual clarity and representation of the experimental setup.

These amendments do not alter the results, discussion, or conclusions of the study but improve methodological transparency and visual data presentation.

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